

Author Name	Institute Name	Country	Number of Papers	firstyr
Akagi, Hirofumi	Tokyo Institute of Technology	jpn	630	1976
Peng, Fang Z.	Florida State University	usa	483	1987
Blaabjerg, Frede	Aalborg Universitet	dnk	2079	1991
Razavi, Behzad	University of California, Los Angeles	usa	250	1992
Zhu, Z. Q.	University of Sheffield	gbr	921	1989
Kolar, Johann W.	ETH Zürich	che	733	1984
Holtz, Joachim	Bergische Universität Wuppertal	deu	165	1975
Lee, Fred C.	Virginia Polytechnic Institute and State University	usa	1107	1972
Lipo, Thomas A.	University of Wisconsin-Madison	usa	680	1967
Guerrero, Josep M.	Aalborg Universitet	dnk	953	2002
Singh, Bhim	Indian Institute of Technology Delhi	ind	1598	1979
Abidi, Asad A.	University of California, Los Angeles	usa	244	1979
Levi, Emil	Liverpool John Moores University	gbr	299	1988
Borkar, Shekhar	Intel Corporation	usa	185	1988
Wong, Ching Ping	Georgia Institute of Technology	usa	1364	1971
Rodriguez, Jose	Universidad Andrés Bello	chl	504	1982
Wai, Rong Jong	National Taiwan University of Science and Technology	twn	260	1997
Toliyat, Hamid A.	Texas A&M University	usa	449	1990
Lai, Jih Sheng	Virginia Polytechnic Institute and State University	usa	408	1985
Mattavelli, Paolo	Università degli Studi di Padova	ita	443	1993
Chandrakasan, Anantha P.	Massachusetts Institute of Technology	usa	491	1991
Tse, Chi K.	City University of Hong Kong	hkg	678	1990
Maksimovic, Dragan	University of Colorado Boulder	usa	363	1988
Bose, Bimal K.	The University of Tennessee, Knoxville	usa	177	1964
Chan, C. C.	Harbin Institute of Technology	chn	274	1984
Sakurai, Takayasu	University of Tokyo	jpn	443	1979
Wu, Bin	Ryerson University	can	443	1988
Kazimierczuk, Marian K.	Wright State University	usa	426	1977
Emadi, Ali	McMaster University	can	459	1997
Jahns, Thomas M.	University of Wisconsin-Madison	usa	315	1980
Chen, Zhe	Aalborg Universitet	dnk	783	1994
Lorenz, Robert D.	University of Wisconsin-Madison	usa	538	1985
Hui, Shu Yuen	The University of Hong Kong	hkg	480	1988
Sun, Jian	Rensselaer Polytechnic Institute	usa	182	1992
Horowitz, Mark	Stanford University	usa	374	1982
<b>Soliman, Ahmed M.</b>	<b>Cairo University</b>	<b>egy</b>	<b>445</b>	<b>1969</b>
Lin, Faa Jeng	National Central University Taiwan	twn	277	1985
Zhong, Qing Chang	Illinois Institute of Technology	usa	266	2000
Hori, Yoichi	University of Tokyo	jpn	498	1980
Xue, Yusheng	NARI Group Corporation	chn	473	1987
Holmes, Donald Grahame	RMIT University	aus	240	1984
Benbouzid, Mohamed	Université de Brest (UBO)	fra	429	1993
Sul, Seung Ki	Seoul National University	kor	501	1983
Habetler, Thomas G.	School of Electrical and Computer Engineering	usa	360	1987
Bianchi, Nicola	Università degli Studi di Padova	ita	358	1995
De Doncker, Rik W.	Rheinisch-Westfälische Technische Hochschule	deu	661	1983
Ohnishi, Kouhei	Keio University	jpn	855	1978
Rabaey, Jan M.	Department of Electrical Engineering and Computer Science	usa	418	1979
Chau, K. T.	The University of Hong Kong	hkg	445	1990
Hajimiri, Ali	California Institute of Technology	usa	264	1997
Divan, Deepak	School of Electrical and Computer Engineering	usa	385	1979
Krein, Philip T.	University of Illinois at Urbana-Champaign	chn	354	1981

Huang, Alex Q.	NC State University	usa	483	1990
Tsividis, Yannis	Columbia University in the City of New York	usa	268	1976
Mohamed, Yasser Abdel Rady	University of Alberta	can	136	2006
Wu, Chai Wah	IBM Thomas J. Watson Research Center	usa	125	1992
Harnefors, Lennart	ABB Corporate Research, Vasteras	swe	154	1995
Li, Yun Wei	University of Alberta	can	207	2004
Lü, Jin Hu	Beihang University	chn	327	2000
Xu, Lie	University of Strathclyde	gbr	155	1997
Pillay, Pragasen	University of Cape Town	zaf	453	1986
Babaei, Ebrahim	University of Tabriz	irn	359	2001
Sansen, Willy	IEEE	bel	472	1972
Liu, Shen Iuan	National Taiwan University	twn	391	1990
Dorrell, David G.	University of KwaZulu-Natal	zaf	334	1994
Enjeti, Prasad	Texas A&M University	usa	306	1985
Luo, Fanglin	Nanyang Technological University	sgp	197	1984
Smedley, Keyue Ma	University of California, Irvine	usa	237	1991
Lau, John H.	ASM Pacific Technology Ltd.	hkg	453	1981
Boldea, I.	Universitatea Politehnica din Timisoara	rou	277	1974
Wheeler, Patrick W.	University of Nottingham	gbr	612	1993
<b>Kennedy, Michael Peter</b>	<b>University College Dublin</b>	<b>irl</b>	<b>246</b>	<b>1978</b>
Ferreira, J. A.	Delft University of Technology	nld	505	1982
Loh, Poh Chiang	Chinese University of Hong Kong	hkg	422	2000
Mead, Carver A.	California Institute of Technology	usa	162	1960
Tummala, Rao	Georgia Institute of Technology	usa	614	1969
Wang, Haifeng F.	Sichuan University	chn	386	1993
Chung, Henry Shu Hung	City University of Hong Kong	hkg	477	1992
Sullivan, Charles R.	Thayer School of Engineering at Dartmouth	usa	194	1992
Howe, David	University of Sheffield	gbr	434	1979
Jovanovic, Milan M.	Delta Electronics (Americas) Ltd.	usa	240	1985
Agelidis, Vassilios G.	Danmarks Tekniske Universitet	dnk	460	1990
Lisserre, Marco	Christian-Albrechts-Universität zu Kiel	deu	464	1999
Niknejad, Ali M.	University of California, Berkeley	usa	302	1997
Boser, Bernhard E.	University of California, San Francisco	usa	177	1988
Joos, Geza	McGill University	can	490	1975
Xu, Longya	The Ohio State University	usa	274	1988
Mukhopadhyay, Subhas C.	Macquarie University	aus	441	1994
Ulrich, R.	Hamburg University of Technology	deu	112	1963
Lee, Thomas H.	Stanford University	usa	190	1992
Choi, Han Ho	Dongguk University, Seoul	kor	118	1992
Lu, Wu Sheng	University of Victoria	can	352	1983
Pintelon, Rik	Vrije Universiteit Brussel	bel	478	1983
Friedman, Eby G.	University of Rochester	usa	418	1984
Nauta, Bram	University of Twente	nld	275	1989
Singh, Vimal	Atilim University	tur	165	1973
Sarpeshkar, Rahul	Department of Engineering, Dartmouth	usa	124	1991
Fujita, Hideaki	Tokyo Institute of Technology	jpn	220	1990
Tseng, Chien Cheng	National Kaohsiung University of Science and	twn	208	1993
Gielen, Georges	KU Leuven	bel	588	1989
Xia, Changliang	Tiangong University	chn	314	2001
Roska, Tamas	Pazmany Peter Katolikus Egyetem	hun	265	1971
Senani, Raj	Netaji Subhas Institute of Technology	ind	148	1978
Czarnecki, Leszek S.	Louisiana State University	usa	130	1978
Elwakil, A. S.	University of Sharjah	are	266	1997
Wang, Fei	The University of Tennessee, Knoxville	usa	429	2000

Williams, Barry W.	University of Strathclyde	gbr	436	1982
Schoukens, Johan	Vrije Universiteit Brussel	bel	603	1981
Geyer, Tobias	ABB Corporate Research Center - Switzerland	che	129	2003
Hong, Jiun Wei	Chung Yuan Christian University	twn	97	1995
Indiveri, G.	University of Zurich	che	194	1992
El-Refaie, Ayman M.	Marquette University	usa	112	2000
Long, John R.	University of Waterloo	can	235	1995
Chow, Mo Yuen	NC State University	usa	238	1988
Besl, Paul	Alias Wavefront, Inc	usa	24	1985
Khaligh, Alireza	A. James Clark School of Engineering	usa	204	2003
Lin, Bor Ren	National Yunlin University of Science and Tec	twn	475	1992
Rincon-Mora, Gabriel A.	School of Electrical and Computer Engineering	usa	124	1998
Rahman, M. A.	Memorial University of Newfoundland	can	366	1979
Karimi-Ghartemani, Masoud	Mississippi State University	usa	114	2001
Boahen, Kwabena	Stanford University	usa	102	1989
Vittoz, Eric	Ecole Polytechnique Fédérale de Lausanne	che	107	1969
Ben-Yaakov, Shmuel Sam	Ben-Gurion University of the Negev	isr	256	1968
Cauwenberghs, Gert	University of California, San Diego	usa	339	1990
Mohan, Ned	University of Minnesota	usa	331	1975
Harrison, Reid R.	Intan Technologies	usa	84	1995
Krishnan, R.	Virginia Polytechnic Institute and State Univer	usa	176	1980
Kazmierkowski, Marian P.	Politechnika Warszawska	pol	196	1973
Lim, Yong Ching	DASP Pte, Ltd.	sgp	201	1979
Bernet, Steffen	Technische Universität Dresden	deu	161	1996
Mi, Chris	San Diego State University	usa	197	1993
Husain, Iqbal	NC State University	usa	295	1990
Cheng, K. W.Eric	Hong Kong Polytechnic University	hkg	456	1990
Boys, John T.	University of Auckland	nzl	178	1977
Steyaert, Michiel	KU Leuven	bel	576	1985
Qiao, Wei	University of Nebraska–Lincoln	usa	234	2005
Miller, T. J.E.	CD-adapco	gbr	116	1976
Dixon, Juan W.	Pontificia Universidad Católica de Chile	chl	113	1985
Teodorescu, Remus	Aalborg Universitet	dnk	433	1998
Yuce, Erkan	Pamukkale Üniversitesi	tur	153	2004
Ruan, Xinbo	Nanjing University of Aeronautics and Astrona	chn	522	1998
Murmann, B.	Stanford University	usa	181	2003
Corzine, Keith	University of California, Santa Cruz	usa	180	1995
Middlebrook, R. D.	California Institute of Technology	usa	68	1956
Matsui, Nobuyuki	Nagoya Institute of Technology	jpn	346	1972
Williamson, S.	University of Surrey	gbr	132	1973
Yan, Yong	University of Kent	gbr	350	1990
Moran, L.	Universidad de Concepcion	chl	169	1987
Kwasinski, Alexis	University of Pittsburgh	usa	145	2003
Boglietti, Aldo	Politecnico di Torino	ita	218	1988
Batarseh, Issa	University of Central Florida	usa	374	1987
Hefner, Allen	Virginia Polytechnic Institute and State Univer	usa	131	1986
Huber, Laszlo	Delta Electronics (Americas) Ltd	usa	65	1989
Meher, Pramod K.	School of Computer Science and Engineering	sgp	232	1992
Alioto, Massimo	National University of Singapore	sgp	272	1998
Sudhoff, Scott D.	Purdue University	usa	180	1989
Faiz, Jawad	University of Tehran	irn	312	1989
Sylvester, Dennis	University of Michigan, Ann Arbor	usa	522	1996
Yan, Wei	Henan Normal University	chn	528	1987
Shepard, Kenneth	Columbia University in the City of New York	usa	221	1996

Pang, John Hock Lye	School of Mechanical and Aerospace Engineer	sgp	227	1992
Tolbert, Leon M.	The University of Tennessee, Knoxville	usa	464	1992
Wu, Tsai Fu	National Tsing Hua University	twn	226	1991
Deng, Tian Bo	Toho University	jpn	156	1990
Beyne, Eric	Interuniversity Micro-Electronics Center at Leu	bel	566	1985
Erickson, Robert W.	University of Colorado Boulder	usa	123	1980
Verghese, George C.	Massachusetts Institute of Technology	usa	196	1977
Sanders, Seth R.	University of California, Berkeley	usa	171	1985
Staszewski, Robert Bogdan	University College Dublin	irl	285	1994
Meyer, R. G.	University of California, Berkeley	usa	120	1971
Charbon, Edoardo	Ecole Polytechnique Fédérale de Lausanne	che	337	1990
Khadkikar, Vinod	Khalifa University of Science and Technology	are	100	2004
Ghovanloo, Maysam	Bionic Sciences, Inc.	usa	311	2002
Perreault, David J.	Massachusetts Institute of Technology	usa	218	1992
Enz, Christian	Ecole Polytechnique Fédérale de Lausanne	che	304	1984
Li, Jin	Huazhong University of Science and Technolo	chn	536	1988
Jain, Praveen K.	Queen's University, Kingston	can	561	1986
Bhattacharya, Subhashish	NC State University	usa	484	1992
Parsa, Leila	University of California, Santa Cruz	usa	122	2002
Székely, Vladimír	Budapest University of Technology and Econo	hun	181	1968
Benz, Samuel P.	National Institute of Standards and Technology	usa	221	1988
Venkataramanan, Giri	University of Wisconsin-Madison	usa	210	1988
Kinget, Peter	Columbia University in the City of New York	usa	217	1991
Abuelma'Atti, Muhammad Tah	King Fahd University of Petroleum and Minera	sau	356	1980
Ehsani, Mehrdad	Texas A&M University	usa	308	1979
Lai, Yen Shin	National Taipei University of Technology	twn	171	1996
Morimoto, Shigeo	Osaka Prefecture University	jpn	303	1988
Veerachary, Mummadi	Indian Institute of Technology Delhi	ind	195	1999
Wang, Xifan	Xi'an Jiaotong University	chn	346	1983
Hu, Jiabing	Huazhong University of Science and Technolo	chn	152	1997
Mazumder, Sudip Kumar	University of Illinois at Chicago	usa	225	1997
Hung, John Y.	Auburn University	usa	150	1988
<b>Radwan, A. G.</b>	<b>Nile University</b>	<b>egy</b>	<b>306</b>	<b>1997</b>
Andreani, Pietro	Lunds Universitet	swe	159	1993
Nam, Kwanghee	Pohang University of Science and Technology	kor	168	1987
Nussbaumer, Thomas	Hochschule Luzern	che	127	1991
Rodriguez, Pedro	Universitat Politècnica de Catalunya	esp	361	2002
Delbruck, Tobi	University of Zurich	che	154	1988
Kenneth, K. O.	University of Texas at Dallas	usa	238	1984
Oda, Tetsuji	University of Tokyo	jpn	162	1976
Bhat, Ashoka	University of Victoria	can	182	1986
Redl, Richard	Redl Consulting	che	75	1973
De, Vivek	Intel Corporation	usa	303	1988
Allstot, David J.	Oregon State University	usa	278	1978
Steigerwald, Robert	GE Global Research	usa	69	1973
Mecrow, Barrie C.	Newcastle University, United Kingdom	gbr	182	1986
Chiba, Akira	Tokyo Institute of Technology	jpn	287	1986
Ogasawara, Satoshi	Hokkaido University	jpn	225	1983
Boroyevich, Dushan	Virginia Polytechnic Institute and State Univer	usa	645	1994
Nandi, Subhasis	University of Victoria	can	75	1991
Hasler, M.	Ecole Polytechnique Fédérale de Lausanne	che	151	1976
Takahashi, Isao	Nagaoka University of Technology	jpn	150	1964
Maloberti, Franco	Università degli Studi di Pavia	ita	548	1975
Yamazaki, Katsumi	Chiba Institute of Technology	jpn	149	1996

Svensson, Christer	Linköpings universitet	swe	275	1968
Maheshwari, S.	Aligarh Muslim University	ind	96	2000
Arkkio, A.	Aalto University	fin	265	1981
Trzynadlowski, Andrzej M.	University of Nevada, Reno	usa	128	1985
Shenai, Krishna	Florida Gulf Coast University	usa	303	1982
Tan, Siew Chong	The University of Hong Kong	hkg	193	2004
Ando, Bruno	Università degli Studi di Catania	ita	352	1997
Fujii, Yusaku	Gunma University	jpn	223	1993
Russo, Fabrizio	Università degli Studi di Trieste	ita	93	1986
Bizon, Nicu	Universitatea din Pitesti	rou	131	2007
Rajashekara, Kaushik	University of Houston	usa	178	1981
Huijsing, Johan H.	Delft University of Technology	nld	203	1975
Blasko, Vladimir	United Technologies Research Center	usa	64	1981
Green, Tim C.	Imperial College London	gbr	264	1988
Wang, Chengshan	Tianjin University	chn	527	1991
Davies, E. Roy	Royal Holloway University of London	gbr	136	1974
Ferrero, Alessandro	Politecnico di Milano	ita	214	1979
Malesani, L.	Università degli Studi di Padova	ita	73	1983
Rufer, Alfred	Ecole Polytechnique Fédérale de Lausanne	che	182	1990
Chan, Tze Fun	Hong Kong Polytechnic University	hkg	98	1986
Carley, L. R.	Carnegie Mellon University	usa	192	1983
Yoo, Hoi Jun	Korea Advanced Institute of Science & Techno	kor	525	1987
Hingorani, Narain G.	Electric Power Research Institute	usa	83	1967
Swamy, M. N.S.	Concordia University	can	925	1962
Gardner, Floyd M.	IEEE		26	1963
Fuchs, Friedrich W.	Christian-Albrechts-Universität zu Kiel	deu	172	1982
Shimizu, Toshihisa	Tokyo Metropolitan University	jpn	204	1982
Kuroda, Tadahiro	Keio University	jpn	332	1986
Dascalescu, Lucian	Universite de Poitiers	fra	417	1980
Palumbo, Gaetano	Università degli Studi di Catania	ita	386	1990
Van Wyk, J. D.	University of Johannesburg	zaf	394	1977
Sandberg, I. W.	The University of Texas at Austin	usa	267	1960
Oklobdzija, Vojin G.	University of Texas System	usa	164	1982
Tay, Andrew Ah Ong	Singapore University of Technology and Desig	sgp	271	1971
Dougal, R.	University of South Carolina	usa	325	1979
Buja, Giuseppe	Università degli Studi di Padova	ita	177	1975
Ioinovici, Adrian	Holon Institute of Technology	isr	155	1983
Yuen, Matthew M.F.	Hong Kong University of Science and Technol	hkg	324	1971
Heydari, Payam	University of California, Irvine	usa	158	1998
Mohammed, O. A.	Florida International University	usa	596	1981
Guo, Xiaoqiang	Yanshan University	chn	151	2006
Forti, Mauro	Università degli Studi di Siena	ita	116	1988
Polinder, Henk	Delft University of Technology	nld	209	1993
Wang, Jiabin	University of Sheffield	gbr	269	1993
Yu, Yixin	Tianjin University	chn	243	1983
Nee, Hans Peter	The Royal Institute of Technology (KTH)	swe	237	1995
Kennel, Ralph	Technical University of Munich	deu	473	1984
Ramirez-Angulo, Jaime	New Mexico State University	usa	410	1983
Spiazzi, Giorgio	Università degli Studi di Padova	ita	180	1990
Briz, Fernando	Universidad de Oviedo	esp	211	1991
Lee, Jri	National Taiwan University	twn	60	1998
Čuk, Slobodan	California Institute of Technology	usa	95	1977
Blaauw, David	University of Michigan, Ann Arbor	usa	567	1988
Liaw, Chang Ming	National Tsing Hua University	twn	165	1985

Fahimi, Babak	University of Texas at Dallas	usa	309	1996
Hurley, William Gerard	National University of Ireland Galway	irl	138	1979
Lee, Kyo Beum	Ajou University	kor	368	1997
Cheng, Ming	Southeast University, Nanjing	chn	598	1996
Sokal, Nathan O.	Design Automation, Inc	usa	75	1972
Espinoza, J. R.	Universidad de Concepcion	chl	246	1990
Walden, Robert H.	Aerospace Corporation, USA	usa	76	1970
Enslin, Johan H.R.	Clemson University	usa	187	1983
Meijer, G. C.M.	Delft University of Technology	nld	179	1974
Pickering, Stephen J.	University of Nottingham	gbr	150	1985
Hua, Wei	Southeast University, Nanjing	chn	453	2003
Torrey, David	GE Global Research	usa	95	1985
Zargari, Navid Reza	Rockwell Automation, Canada	can	193	1990
Grassi, Giuseppe	Universita del Salento	ita	147	1994
Fettweis, Alfred	Ruhr-Universität Bochum	deu	149	1959
Darveaux, Robert	Skyworks Solutions, Inc.	usa	62	1989
Bolognani, Silverio	Università degli Studi di Padova	ita	313	1980
Thounthong, Phatiphat	King Mongkut's University of Technology Nor	tha	122	2005
Mitcheson, P. D.	Imperial College London	gbr	119	2004
Osowski, Stanislaw	Wojskowa Akademia Techniczna	pol	245	1973
Suntio, Teuvo	Tampereen Yliopisto	fin	194	1987
Willems, Jacques L.	Universiteit Gent	bel	121	1965
Saramaki, Tapio	Tampere University of Technology	fin	215	1979
Dragicevic, Tomislav	Aalborg Universitet	dnk	160	2010
Rahim, N. A.	University of Malaya	mys	468	1994
Chen, Yaow Ming	National Taiwan University	twn	145	1996
Tangsrirat, W.	King Mongkut's Institute of Technology Ladkra	tha	181	1998
Banerjee, Soumitro	Indian Institute of Science Education and Resea	ind	153	1995
Saruwatari, Masatoshi	National Defense Academy of Japan	jpn	204	1970
Ki, Wing Hung	Hong Kong University of Science and Technol	hkg	196	1987
Baschiroto, Andrea	University of Milano - Bicocca	ita	548	1990
Broersen, P. M.T.	Delft University of Technology	nld	120	1973
Minaei, Shahram	Doğuş Üniversitesi İstanbul	tur	174	2000
Hasler, Paul	School of Electrical and Computer Engineering	usa	285	1989
Martin, Kenneth	Granite SemiCom Inc.	can	144	1977
Al-Haddad, Kamal	École de Technologie Supérieure	can	740	1985
Mueller, Markus	University of Edinburgh	gbr	159	1999
Salmon, John	University of Alberta	can	157	1985
Frey, Douglas	Lehigh University	usa	58	1979
Slemon, Gordon R.	University of Toronto	can	101	1949
Cicekoglu, Oguzhan	Bogaziçi Üniversitesi	tur	174	1994
Lehman, Brad	Northeastern University	usa	188	1988
Floyd, Brian A.	NC State University	usa	99	1998
Yuan, X.	Huazhong University of Science and Technolog	chn	107	1998
Jones, Martin	Liverpool John Moores University	gbr	213	1997
Uddin, Mohammad Nasir	Lakehead University	can	213	1998
Marquardt, Rainer	Universität der Bundeswehr München	deu	39	1993
Fujimoto, Hiroshi	University of Tokyo	jpn	375	1997
Lee, Dong Choon	Yeungnam University	kor	179	1992
Murthy, S. Sreenivasa	Indian Institute of Technology Delhi	ind	166	1973
Gray, P. R.	Department of Electrical Engineering and Com	usa	181	1971
Salam, Zainal	Universiti Teknologi Malaysia	mys	216	1999
Nikolic, Borivoje	University of California, Berkeley	usa	220	1997
Femia, Nicola	Università di Salerno	ita	184	1991

Harjani, Ramesh	University of Minnesota	usa	212	1987
Keyhani, A.	The Ohio State University	usa	183	1983
Zhang, Boming	Tsinghua University	chn	521	1986
Noguchi, Toshihiko	National University Corporation Shizuoka Univ	jpn	174	1985
Williamson, Sheldon S.	Ontario Tech University	can	233	2004
Makinwa, Kofi A.A.	Delft University of Technology	nld	260	1987
Li, Hui	China Agricultural University	chn	201	2000
Thiringer, Torbjorn	Chalmers University of Technology	swe	161	1993
Silva-Martinez, Jose	Texas A&M University	usa	246	1981
Chang, Chun Ming	Chung Yuan Christian University	twn	56	1991
Darabi, Hooman	Broadcom Inc., San Jose	usa	89	1999
Ohishi, Kiyoshi	Nagaoka University of Technology	jpn	536	1983
Lin, Zhiping	School of Electrical and Electronic Engineering	sgp	206	1986
Jaeger, Richard C.	Auburn University	usa	308	1970
Sen, Paresh C.	Queen's University, Kingston	can	224	1967
Rovatti, R.	Alma Mater Studiorum Università di Bologna	ita	241	1993
Kouro, Samir	Universidad Técnica Federico Santa María	chl	169	2003
Kraszewski, A.	USDA ARS Russell Research Center (RRC)	usa	129	1973
Wu, Jie	University of Science and Technology of China	chn	456	1993
Muyeen, S. M.	Curtin University	aus	199	2005
Huang, Qiuting	ETH Zürich	che	189	1987
Liang, Tsorng Juu	National Cheng Kung University	twn	239	1993
Kawamura, Atsuo	Yokohama National University	jpn	413	1979
Glowacz, Adam	AGH University of Science and Technology	pol	61	2007
Bouscayrol, Alain	University of Lille	fra	240	1994
Gilbert, Barrie	Analog Devices	usa	47	1968
Vasquez, Juan C.	Aalborg Universitet	dnk	336	2007
Tang, Ju	Wuhan University	chn	385	2000
Petriu, Emil	University of Ottawa, Canada	can	546	1977
Kwak, Sang Shin	Chung-Ang University	kor	143	2002
Covic, Grant A.	University of Auckland	nzl	163	1988
Biolek, Dalibor	Univerzita obrany v Brne	cze	210	1986
Galton, Ian	The Electrical and Computer Engineering Depa	usa	112	1993
Komurcugil, Hasan	Doğu Akdeniz Üniversitesi	tur	83	1997
Simoës, Marcelo	Colorado School of Mines	usa	205	1993
Steimer, Peter K.	BB Switzerland Ltd	che	100	1984
Hamill, D. C.	University of Surrey	gbr	52	1985
Roberts, Gordon W.	McGill University	can	219	1985
Malinowski, Mariusz	Politechnika Warszawska	pol	124	1999
Staton, Dave A.	Motor Design Ltd	gbr	140	1985
Matsuzawa, Akira	Tokyo Institute of Technology	jpn	348	1982
Tang, Wallace K.S.	City University of Hong Kong	hkg	202	1994
Su, Gui Jia	Oak Ridge National Laboratory	usa	74	1989
Rahman, Muhammed F.	University of New South Wales (UNSW) Austr	aus	355	1982
Cecati, Carlo	Università degli Studi dell'Aquila	ita	205	1986
Lee, Wei Jen	The University of Texas at Arlington	usa	446	1986
Kutkut, Nasser	University of Central Florida	usa	64	1993
Temes, Gabor C.	Oregon State University	usa	423	1961
Skibinski, G. L.	Rockwell Automation Headquarters	usa	87	1985
Abu-Rub, Haitham	Texas A and M University at Qatar	qat	364	2000
Vagati, Alfredo	Politecnico di Torino	ita	74	1980
Song, Bang Sup	The Electrical and Computer Engineering Depa	usa	100	1982
Hinamoto, Takao	Hiroshima University	jpn	372	1975
Sun, Yichuang	University of Hertfordshire	gbr	209	1990

Liu, Shih Chii	University of Zurich	che	150	1998
Craninckx, Jan	Interuniversity Micro-Electronics Center at Leuven	bel	207	1993
Lian, Yong	York University	can	278	1993
Chang, Mau Chung Frank	University of California, Los Angeles	usa	429	1976
Parise, Giuseppe	Università degli Studi di Roma La Sapienza	ita	242	1979
Hinkkanen, Marko	Aalto University	fin	127	2001
Rathore, Akshay Kumar	Concordia University	can	237	2003
Lewis, Stephen H.	University of California, Davis	usa	88	1987
von Jouanne, Annette	Baylor University	usa	162	1994
Lee, Hae Seung	Massachusetts Institute of Technology	usa	152	1983
Kwon, Bong Hwan	Pohang University of Science and Technology	kor	146	1985
Chan, S. C.	The University of Hong Kong	hkg	284	1990
Clare, Jon	University of Nottingham	gbr	412	1983
Chapman, Patrick L.	SolarBridge Technologies	usa	141	1997
Orlowska-Kowalska, Teresa	Wroclaw University of Science and Technology	pol	168	1981
Kassakian, John	Massachusetts Institute of Technology	usa	100	1968
Capolino, Gerard Andre	Université de Picardie Jules Verne	fra	259	1990
Buso, Simone	Università degli Studi di Padova	ita	123	1994
Ferdowsi, Mehdi	Missouri University of Science and Technology	usa	183	2003
Ngo, Khai D.T.	Virginia Polytechnic Institute and State University	usa	271	1983
Fabre, Alain	Laboratoire de l'Intégration du Matériau au Système	fra	77	1983
Wong, E. H.	Nanyang Technological University	sgp	111	1994
Ridley, Raymond	Ridley Engineering	gbr	36	1987
Ojo, Olorunfemi	University of KwaZulu-Natal	zaf	129	1988
Zimmermann, Horst	Technische Universität Wien	aut	460	1989
de Almeida, Aníbal T.	University of Coimbra, Institute of Systems and Robotics	prt	293	1980
Franquelo, Leopoldo G.	University of Seville	esp	265	1983
Marques, Gil	Instituto Superior Técnico	prt	90	1991
Monti, Antonello	Rheinisch-Westfälische Technische Hochschule Aachen	deu	539	1993
Voinigescu, Sorin P.	University of Toronto	can	221	1984
Casadei, Domenico	Alma Mater Studiorum Università di Bologna	ita	199	1982
Sawan, Mohamad	Westlake University	chn	705	1989
Perrott, Michael	Khalifa University of Science and Technology	are	73	1990
Chung, Se Kyo	Gyeongsang National University	kor	51	1992
Bonnett, Austin	Nidec	usa	86	1976
Sanchez-Sinencio, Edgar	Texas A&M University	usa	448	1974
Sundareswaran, Kinattingal	National Institute of Technology, Tiruchirappalli	ind	152	1998
Reichl, Herbert	Fraunhofer Institute for Reliability and Microelectronics	deu	627	1979
Kerkman, Russel J.	Rockwell Automation Headquarters	usa	103	1977
Kawahito, Shoji	National University Corporation Shizuoka University	jpn	348	1986
Strollo, Antonio G.M.	Università degli Studi di Napoli Federico II	ita	143	1989
Vukosavić, Slobodan	University of Belgrade	srb	102	1988
Abarca, Marco Esteban Rivera	Universidad de Talca	chl	326	2007
Bruton, Len T.	University of Calgary	can	277	1968
Wang, Chien Ming	National Ilan University Taiwan	twn	72	1999
Masuda, Senichi	University of Tokyo	jpn	137	1963
Tang, Guangfu	State Key Laboratory of Advanced Power Electronics	chn	191	2005
Hancke, Gerhard	Universiteit van Pretoria	zaf	162	1989
Gupta, Amit Kumar	Birla Institute of Technology and Science, Pilani	ind	200	2002
Arena, Paolo	Università degli Studi di Catania	ita	268	1992
Moon, Un Ku	Oregon State University	usa	292	1993
Marchesoni, Mario	Università degli Studi di Genova	ita	109	1988
Zare, Firuz	University of Queensland	aus	214	1999
Prodic, Aleksandar	University of Toronto	can	133	2000



Al-Alaoui, Mohamad Adnan	American University of Beirut	lbn	58	1977
Wang, Shuo	University of Florida	usa	176	2003
Shinnaka, Shinji	Kanagawa University	jpn	181	1980
Ha, Jung Ik	Seoul National University	kor	169	1996
Low, Kay Soon	National University of Singapore	sgp	182	1992
Ziogas, P. D.	University of Toronto	can	179	1977
Klumpner, Christian	University of Nottingham	gbr	135	2000
Liao, Ruijin	Chongqing University	chn	557	1997
Moschopoulos, Gerry	Western University	can	229	1991
Nabae, Akira	Shimane University	jpn	106	1975
Yamamoto, Toshiaki	Osaka Prefecture University	jpn	161	1983
Kuperman, Alon	Ben-Gurion University of the Negev	isr	162	2002
Salama, Khaled Nabil	King Abdullah University of Science and Tech	sau	247	1997
Lasance, Clemens J.M.	Philips Research	nld	62	1986
Vilathgamuwa, D. Mahinda	Queensland University of Technology QUT	aus	303	1988
Zoughi, Reza	Missouri University of Science and Technology	usa	285	1985
Vitelli, Massimo	Università degli Studi della Campania Luigi Va	ita	163	1993
Toumazou, Christofer	Imperial College London	gbr	503	1985
Silva, J. Fernando	Instituto Superior Técnico	prt	190	1991
Gilli, Marco	Politecnico di Torino	ita	169	1990
Barbi, Ivo	Universidade Federal de Santa Catarina	bra	315	1989
Bowes, Sidney R.	University of Bristol	gbr	67	1968
Salmasi, Farzad Rajaei	University of Tehran	irn	70	2001
Ding, Ming	Hefei University of Technology	chn	255	1999
Pyrhönen, Juha	Lappeenranta Teknillinen Yliopisto	fin	375	1991
Andreou, Andreas G.	Johns Hopkins University	usa	312	1984
Lopez-Martin, Antonio	Universidad Pública de Navarra	esp	290	1999
Choi, Sewan	Seoul National University of Science and Tech	kor	107	1995
Jullien, G. A.	University of Calgary	can	409	1969
Castilla, Miguel	Universitat Politècnica de Catalunya	esp	156	1997
He, Xiangning	Zhejiang University	chn	549	1991
Tang, Yong	China Electric Power Research Institute	chn	191	2002
Seevinck, Evert	Circuit Research International	nld	48	1976
Feki, Moez	Université de Sousse	tun	75	1996
Fortuna, L.	Università degli Studi di Catania	ita	599	1980
Melkebeek, Jan	Universiteit Gent	bel	326	1982
Ben-Brahim, Lazhar	Qatar University	qat	118	1990
Ertugrul, Nesimi	The University of Adelaide	aus	132	1992
McBride, J. W.	University of Southampton	gbr	176	1986
<b>Ismail, Yehea</b>	<b>American University in Cairo</b>	<b>egy</b>	<b>221</b>	<b>1998</b>
Zanchetta, Pericle	University of Nottingham	gbr	312	1997
El Aroudi, Abdelali	Universitat Rovira i Virgili	esp	188	1999
Pennisi, Salvatore	Università degli Studi di Catania	ita	217	1994
Rim, Chun T.	Korea Institute of Energy Technology Evaluatio	kor	126	1987
Betz, Robert Eric	University of Newcastle, Australia	aus	156	1979
Hockney, R. W.	AEA Technology	gbr	54	1965
Culurciello, Eugenio	FWDNXT	usa	119	2000
Angrisani, Leopoldo	Università degli Studi di Napoli Federico II	ita	267	1995
de la O Serna, Jose A.	Universidad Autónoma de Nuevo León	mex	36	1998
Harley, Ronald G.	University of KwaZulu-Natal	zaf	610	1975
Gieras, Jacek F.	Uniwersytet Technologiczny - Przyrodniczy w	pol	98	1974
Codecasa, Lorenzo	Politecnico di Milano	ita	153	2000
Futamura, Shigeru	National Institute of Advanced Industrial Scien	jpn	117	1979
Pavan, Shanthi	Indian Institute of Technology Madras	ind	128	1998

Zheng, Yuanjin	Nanyang Technological University	sgp	324	2000
Antler, Morton	Contact Consultants, Inc	usa	96	1958
Hwu, Kuo Ing	National Taipei University of Technology	twn	245	2000
Ismail, Mohammed	Wayne State University	usa	558	1978
Ise, Toshifumi	Nara-Gakuen Incorporated Educational Institut	jpn	237	1982
Muetze, Annette	Technische Universitat Graz	aut	177	2003
Knight, Andy	University of Calgary	can	164	1997
Kang, Sung Mo	University of California, Santa Cruz	usa	374	1983
Shibata, Tadashi	Japan Society of Applied Physics	jpn	299	1975
Krummenacher, Francois	Ecole Polytechnique Fédérale de Lausanne	che	153	1979
Slade, Paul G.	Consultant	usa	111	1969
Bozack, Michael J.	Auburn University	usa	174	1985
Liu, Yan Fei	Queen's University, Kingston	can	332	1988
Verma, Naveen	Princeton University	usa	134	2005
Lyon, Richard F.	Google LLC	usa	47	1982
Carrara, Sandro	Ecole Polytechnique Fédérale de Lausanne	che	262	1994
Alonso, J. Marcos	Universidad de Oviedo	esp	290	1993
Tzou, Ying Yu	National Chiao Tung University Taiwan	twn	120	1987
Chandorkar, Mukul C.	Indian Institute of Technology, Bombay	ind	84	1992
Muscas, Carlo	Università degli Studi di Cagliari	ita	169	1995
Lee, Jin Shyan	National Taipei University of Technology	twn	57	2000
Xu, Dianguo	Harbin Institute of Technology	chn	911	1994
Radun, Arthur V.	GE Aviation	usa	65	1981
Wang, Zhongde	Pixelworks Inc.	usa	59	1981
Hua, Chih Chiang	National Yunlin University of Science and Tec	twn	102	1992
Ma, Ke	Shanghai Jiao Tong University	chn	141	2008
Bult, Klaas	Delft University of Technology	nld	49	1986
Wang, Jin	The Ohio State University	usa	212	2003
Meynard, Thierry A.	Institut National Polytechnique de Toulouse	fra	163	1988
Psychalinos, Costas	Panepistimion Patron	grc	226	1989
Bellini, Alberto	Alma Mater Studiorum Università di Bologna	ita	107	1994
Chakraborty, Chandan	Indian Institute of Technology Kharagpur	ind	331	1990
Zhu, Jianguo	The University of Sydney	aus	764	1992
van Schaik, André	The MARCS Institute for Brain, Behaviour and	aus	190	1990
Filanovsky, I. M.	University of Alberta	can	275	1978
Maskell, Douglas L.	School of Computer Science and Engineering	sgp	167	1988
Ismail, Esam H.	College of Technological Studies Kuwait	kwt	54	1992
Tsang, K. M.	Hong Kong Polytechnic University	hkg	159	1989
Le-Huy, Hoang	Université Laval	can	120	1975
Cavagnino, Andrea	Politecnico di Torino	ita	209	1998
Brese, Nathaniel	The Dow Chemical Company	usa	39	1985
Lutz, Josef	Technische Universität Chemnitz	deu	165	1998
Demerdash, Nabeel A.O.	Marquette University	usa	257	1972
Timsit, Roland S.	Timron Advanced Connector Technologies	can	97	1967
Stojanovic, Vladimir	University of California, Berkeley	usa	228	1998
Smith, Kenneth C.	University of Toronto	can	167	1968
Cao, Wenping	Aston University	gbr	186	2000
Dyer, C. K.	Compact Power Inc.	usa	33	1974
Monmasson, E.	Universite de Cergy-Pontoise	fra	203	1999
Tlelo-Cuautle, E.	Instituto Nacional de Astrofisica Optica y Elect	mex	255	1997
Samueli, Henry	Broadcom Inc., San Jose	usa	91	1980
Johansson, Håkan	Linköpings universitet	swe	161	1996
Lu, Dylan Dah Chuan	University of Technology Sydney	aus	207	2001
Leenaerts, Domine M.W.	NXP Semiconductors	nld	160	1990

Gustafsson, Oscar	Linköpings universitet	swe	167	1999
Raychowdhury, Arijit	School of Electrical and Computer Engineering	usa	188	2003
Tseng, King Jet	Singapore Institute of Technology	sgp	307	1989
Yi, Sung	Portland State University	usa	174	1992
Linares-Barranco, Bernabe	CSIC - Instituto de Microelectronica de Sevilla	esp	204	1988
Jenq, Yih Chuyn	Portland State University	usa	60	1977
May, Gary S.	School of Electrical and Computer Engineering	usa	218	1990
Syed, Ahmer	Qualcomm Incorporated	usa	68	1993
Daponte, P.	Università degli Studi del Sannio	ita	240	1988
KJÆR, Søren Bækhoj	Danfoss AS	dnk	14	2001
Mariscotti, Andrea	ASTM Sagl	che	145	1995
Wang, Zhenhua	NXP Semiconductors	che	38	1988
Mathúna, Cian	Tyndall National Institute at National University	irl	251	1989
Hannan, M. A.	Universiti Tenaga Nasional	mys	276	2002
Allard, Bruno	Institut National des Sciences Appliquées de Ly	fra	319	1991
Reynolds, Scott K.	Tavish Design, LLC	usa	88	1991
Manias, Stefanos	National Technical University of Athens	grc	145	1982
Thomson, W. T.	IEE	gbr	48	1984
Harris, John G.	University of Florida	usa	151	1986
Mellor, Phil H.	University of Bristol	gbr	227	1982
Xu, Jianping	Ministry of Education China	chn	316	1988
Jezernik, Karel	Univerza v Mariboru Fakultete za Elektrotehniko	svn	265	1983
Mastorakis, Nikos E.	Technical University of Sofia	bgr	494	1992
Tiebout, Marc	Infineon Technologies AG, Austria	aut	122	1996
Jou, Hurng Liahng	National Kaohsiung University of Science and	twn	119	1985
Zhang, Yongchang	North China University of Technology	chn	177	2006
Su, Chun Lien	National Kaohsiung University of Science and	twn	129	1999
Rein, Hans Martin	Ruhr-Universität Bochum	deu	147	1968
McGrath, Brendan Peter	RMIT University	aus	159	1999
Steurer, Michael	Florida State University	usa	197	2000
Antonino-Daviu, Jose Alfonso	Universitat Politècnica de València	esp	176	1984
Qian, Zhaoming	Zhejiang University	chn	478	1995
Fujii, Kenichi	National Metrology Institute of Japan	jpn	147	1988
Ferri, Giuseppe	Università degli Studi dell'Aquila	ita	235	1989
Walker, Geoffrey R.	Queensland University of Technology QUT	aus	63	1999
Zhang, Bo	South China University of Technology	chn	397	1996
Galias, Zbigniew	AGH University of Science and Technology	pol	122	1990
Yan, Ruqiang	Xi'an Jiaotong University	chn	183	2003
Pou, Josep	Nanyang Technological University	sgp	260	1998
Kundert, Ken	Designer's Guide Consulting	usa	47	1985
Chen, Chern Lin	National Taiwan University	twn	132	1986
Falkowski, Bogdan J.	Nanyang Technological University	sgp	272	1989
Kim, Ilsong	Korea National University of Transportation	kor	21	2004
Li, Wuhua	Zhejiang University	chn	236	2004
Hur, Jin	Incheon National University	kor	198	1997
Cardoso, Antonio J.Marques	CISE-Centro de Investigação em Sistemas Elec	prt	274	1989
Schreier, Richard	Analog Devices	can	54	1989
Brunelli, Davide	Università degli Studi di Trento	ita	194	2005
Rylyakov, Alexander	Elenion Technologies	usa	212	1989
Rencz, Marta	Budapest University of Technology and Econo	hun	263	1980
Kuntman, Hakan	Istanbul Teknik Üniversitesi	tur	267	1982
Kimball, Jonathan W.	Missouri University of Science and Technology	usa	114	1996
Abu Qahouq, Jaber A.	The University of Alabama	usa	117	2000
Dudek, Piotr	University of Manchester	gbr	108	2000

Spagnuolo, Giovanni	Università di Salerno	ita	196	1994
Nasiri, Adel	University of Wisconsin-Milwaukee	usa	143	2005
Sutanto, Danny	University of Wollongong	aus	266	1980
Svensson, Jan R.	ABB Corporate Research, Vasteras	swe	67	1996
Kwan, Hon Keung	University of Windsor	can	248	1979
Hu, Aiguo Patrick	University of Auckland	nzl	213	2000
Sun, Kai	The University of Tennessee, Knoxville	usa	381	2001
Vaez-Zadeh, Sadegh	University of Tehran	irn	125	1994
Rodriguez-Vazquez, Angel	University of Seville	esp	516	1980
Mohamed, Azah	Universiti Kebangsaan Malaysia	mys	566	1988
Singer, Sigmund	Tel Aviv University	isr	84	1981
Liu, Wentai	University of California, Los Angeles	usa	209	1984
Cheng, Shijie	Huazhong University of Science and Technology	chn	424	1985
Norrnga, Staffan	The Royal Institute of Technology (KTH)	swe	126	2000
Xiao, Xiangning	North China Electric Power University	chn	345	1999
Sebastian, Tomy	Halla Mechatronics	usa	86	1986
Peña, Rubén	Universidad de Concepcion	chl	136	1993
Silvester, P.	McGill University	can	146	1965
Moon, Gun Woo	Korea Advanced Institute of Science & Technology	kor	420	1993
Filippetti, F.	Alma Mater Studiorum Università di Bologna	ita	132	1978
Hamilton, Clark A.	National Institute of Standards and Technology	usa	97	1970
Taylor, David G.	School of Electrical and Computer Engineering	usa	98	1985
Imura, Takehiro	University of Tokyo	jpn	122	2006
Do, Hyun Lark	Seoul National University of Science and Technology	kor	110	2000
Rashid, Muhammad H.	Florida Polytechnic University	usa	108	1974
Hu, Yi	China Electric Power Research Institute	chn	68	2005
Tamura, Junji	Kitami Institute of Technology	jpn	286	1983
Sun, Caixin	Chongqing University	chn	561	1985
Bermak, Amine	Hong Kong University of Science and Technology	hkg	344	1997
Sedra, A. S.	University of Toronto	can	118	1968
Li, Yongdong	Tsinghua University	chn	384	1994
Yacamini, R.	University College Cork	irl	66	1978
Kolumbán, Geza	Pazmany Peter Katolikus Egyetem	hun	70	1982
Mroccka, Janusz	Wroclaw University of Science and Technology	pol	137	1988
Cruz, Sergio M.A.	Instituto de Telecomunicacoes	prt	72	1995
Klumperink, Eric A.M.	University of Twente	nld	183	1989
Ionel, Dan M.	University of Kentucky	usa	181	1995
Liu, Yi Hua	National Taiwan University of Science and Technology	twn	103	1998
Wang, Xiongfei	Aalborg Universitet	dnk	278	2008
Burgos, Rolando	Virginia Polytechnic Institute and State University	usa	423	1997
Das, J. C.	Power System Studies, Inc.	usa	61	1989
Solero, Luca	Università degli Studi Roma Tre	ita	137	1996
Saleh, Saleh A.	University of New Brunswick	can	152	2002
Hudgins, Jerry L.	University of Nebraska–Lincoln	usa	148	1985
Setti, G.	Politecnico di Torino	ita	237	1994
Calhoun, Benton H.	University of Virginia	usa	182	2001
Castello, Rinaldo	Università degli Studi di Pavia	ita	251	1978
<b>Mahmoud, Soliman A.</b>	<b>Fayoum University</b>	<b>egy</b>	<b>136</b>	<b>1995</b>
Lu, Gang	Nanjing Tech University	chn	205	1993
Bauer, Pavol	Delft University of Technology	nld	337	1992
Pucci, Marcello	Consiglio Nazionale delle Ricerche	ita	174	2002
Etienne-Cummings, Ralph	Johns Hopkins University	usa	266	1990
Garrou, Philip	Microelectronic Consultants of North Carolina	usa	92	1990
Elbuluk, Malik E.	University of Akron	usa	148	1984

Manoli, Yiannos	Universität Freiburg im Breisgau	deu	353	1989
Ma, D. Brian	University of Texas at Dallas	usa	128	2000
Iqbal, Atif	Qatar University	qat	258	1994
Chen, Liang Rui	National Changhai University of Education	twn	94	1995
Lee, Hanho	Inha University, Incheon	kor	117	1997
Ranganathan, Vaishnavi	University of Washington, Seattle	usa	85	1981
Petri, Dario	Università degli Studi di Trento	ita	269	1987
Narendra, Siva G.	Tyfone, Inc.	usa	86	1997
Popescu, Mircea	Newcastle University, United Kingdom	gbr	158	1998
Lin, Chih Hong	National United University Taiwan	twn	114	2000
Cortes, Patricio	ETH Zürich	che	64	2002
Zhang, Xiaoxing	Wuhan University	chn	406	2004
Górecki, Krzysztof	Akademia Morska w Gdyni	pol	190	1995
Rhee, Woogeun	Tsinghua University	chn	172	1996
Kovacs-Vajna, Zsolt	Università degli Studi di Brescia	ita	108	1991
Chandra, Ambrish	École de Technologie Supérieure	can	283	1990
Castle, G. S.P.	Western University	can	141	1972
van Hoof, Chris	KU Leuven	bel	487	1988
Massoud, Yehia	Stevens Institute of Technology	usa	259	1995
Pallàs-Areny, R.	Universitat Politècnica de Catalunya	esp	180	1985
Saponara, Sergio	Università di Pisa	ita	202	1999
Liu, Tian Hua	National Taiwan University of Science and Technology	twn	178	1986
Chen, Liang Gee	National Taiwan University	twn	549	1981
Nguyen, Luu	Texas Instruments	usa	209	1981
Mok, Philip K.T.	Hong Kong University of Science and Technology	hkg	193	1992
Hanyu, T.	Tohoku University	jpn	309	1985
Johnson, C. Mark	University of Nottingham	gbr	246	1989
Perez, Marcelo A.	Universidad Técnica Federico Santa María	chl	134	2000
Profumo, Francesco	Politecnico di Torino	ita	202	1983
Lee, Chiou Yng	LungHwa University of Science and Technology	twn	144	1999
Jung, Jee Hoon	Ulsan National Institute of Science and Technology	kor	89	2004
Reynaert, Patrick	KU Leuven	bel	197	2001
Yuan, Xibo	University of Bristol	gbr	107	2008
Choi, Byungcho	Kyungpook National University	kor	75	1990
Atallah, K.	University of Sheffield	gbr	138	1992
Eker, İlyas	Çukurova Üniversitesi	tur	52	1996
Gift, Stephan J.G.	The University of the West Indies, St. Augustine	tto	67	1997
Xiao, W.	The University of Sydney	aus	114	2004
Mariethoz, Sebastien	Berner Fachhochschule	che	76	2002
Cardenas, Roberto	Universidad de Chile	chl	153	1995
Surakamponorn, Wanlop	King Mongkut's Institute of Technology Ladkrabang	tha	129	1978
Biela, Jürgen	ETH Zürich	che	207	1973
Sackinger, Eduard	Ikanos Communications, Inc.	usa	32	1987
Kündig, W.	University of Zurich	che	102	1963
Koutroulis, Eftichis	Technical University of Crete	grc	65	2001
Takemoto, Masatsugu	Hokkaido University	jpn	130	1999
Katsura, Seiichiro	Keio University	jpn	451	2001
Jang, Yungtaek	Delta Electronics (Americas) Ltd	usa	88	1992
Lam, David C.C.	Hong Kong University of Science and Technology	hkg	112	1993
Yadid-Pecht, Orly	University of Calgary	can	167	1991
Mutoh, Nobuyoshi	Tokyo Metropolitan University	jpn	93	1985
Koval, D.	University of Alberta	can	203	1970
Cho, B. H.	Seoul National University	kor	309	1984
Chen, Jiann Fuh	National Cheng Kung University	twn	241	1985

Shmilovitz, Doron	Tel Aviv University	isr	69	1995
Rubaa, Ahmed	Howard University	usa	96	1989
Guo, Youguang	University of Technology Sydney	aus	458	1994
Kamper, Maarten J.	Stellenbosch University	zaf	169	1993
Wang, Chua Chin	National Sun Yat-Sen University Taiwan	twn	323	1991
Willson, A. N.	University of California, Los Angeles	usa	217	1968
Yamamura, Kiyotaka	Chuo University	jpn	122	1983
He, Yikang	North China University of Technology	chn	166	1983
Binder, Andreas	Technische Universität Darmstadt	deu	180	1989
Higashimura, Masami	Matsue National College of Technology	jpn	54	1985
Wei, Hua	Guangxi University	chn	181	1995
Hosticka, Bedrich J.	Fraunhofer Institute for Microelectronic Circuits	deu	265	1977
Tanzawa, Toru	National University Corporation Shizuoka University	jpn	59	1994
Kawahara, Takayuki	Tokyo University of Science	jpn	124	1985
Iu, Herbert Ho Ching	University of Western Australia	aus	290	1998
Çam, Uğur	Dokuz Eylül Üniversitesi	tur	71	1998
Sumner, Mark	University of Nottingham	gbr	320	1988
Aparin, Vladimir	Texas A&M University	usa	67	1994
Mauris, G.	Université Savoie Mont Blanc	fra	127	1993
Jenkins, W. K.	Pennsylvania State University	usa	241	1974
Kim, Chul Hwan	Sungkyunkwan University	kor	262	1995
Cafagna, D.	Università del Salento	ita	56	1996
Gruev, Viktor	University of Illinois at Urbana-Champaign	usa	124	1999
Lee, Tzann Shin	National United University Taiwan	twn	28	1992
Miceli, Rosario	Università degli Studi di Palermo	ita	302	1988
Maffezzoni, Paolo	Politecnico di Milano	ita	101	1994
Amagai, Masazumi	Texas Instruments Japan Ltd	jpn	65	1992
Mirafzal, Behrooz	Kansas State University	usa	88	2003
Kung, Ying Shieh	Southern Taiwan University of Technology	twn	100	1991
Tessarolo, Alberto	Università degli Studi di Trieste	ita	156	2006
Pelgrom, Marcel	HELMOND	nld	43	1979
Escobar, Gerardo	Tecnologico de Monterrey	mex	171	1992
Saeedifard, Maryam	School of Electrical and Computer Engineering	usa	123	2003
Uno, Masatoshi	Ibaraki University	jpn	120	2005
Svelto, Francesco	Università degli Studi di Pavia	ita	164	1993
Che, Fa Xing	A-Star, Institute of Microelectronics	sgp	131	2001
Larsson, Patrik	Nokia Bell Labs	usa	39	1993
Sotiriadis, Paul P.	National Technical University of Athens	grc	120	2000
Sai-Halasz, G. A.	IBM Research	usa	69	1972
Steinke, Jürgen K.	ABB Power Grids	che	35	1988
Lee, Kwiro	Korea Advanced Institute of Science & Technology	kor	230	1982
Luo, An	Hunan University	chn	486	1995
Itoh, Kiyoo	Institut Supérieur d'Électronique de Paris (ISEP)	fra	150	1976
Rahman, M. A.	Memorial University of Newfoundland	can	125	1969
Lee, Sang Gug	Korea Advanced Institute of Science & Technology	kor	299	1999
Fiez, Terri S.	University of Colorado Boulder	usa	164	1989
Preindl, Matthias	Columbia University in the City of New York	usa	70	2009
Wilson, Brett	University of Manchester	gbr	87	1981
Hurst, Paul J.	University of California, Davis	usa	150	1979
Wang, Huai	Aalborg Universitet	dnk	221	2008
Dahono, Pekik Argo	Institut Teknologi Bandung	idn	103	1992
Shen, Miaosen	United Technologies Research Center	usa	48	2000
Ukil, Abhisek	University of Auckland	nzl	166	2005
Freeborn, Todd J.	The University of Alabama	usa	69	2010

Elmasry, M. I.	University of Waterloo	can	325	1973
Mishra, Mahesh Kumar	Indian Institute of Technology Madras	ind	201	1998
Lee, Yuang Shung	Fu Jen Catholic University	twn	65	1991
Malucci, Robert D.	RD Malucci Consulting	usa	52	1989
Nayar, C. V.	Regen Power	aus	138	1985
Carbone, Paolo	Università degli Studi di Perugia	ita	224	1992
Ahmed, Nabil A.	College of Technological Studies Kuwait	kwt	66	1995
Jiang, Xingliang	Chongqing University	chn	466	1988
Bruun, Erik	Danmarks Tekniske Universitet	dnk	83	1975
Colak, İlhami	Nişantaşı Üniversitesi	tur	219	1993
Shen, Z. John	Illinois Institute of Technology	usa	169	1996
Blackburn, D. L.	National Institute of Standards and Technology	usa	49	1974
Leeb, Steven B.	Massachusetts Institute of Technology	usa	161	1989
Namgoong, Won	University at Albany	usa	100	1995
Funaki, Tsuyoshi	Osaka University	jpn	186	1993
Shaeffer, Derek K.	Invensense Inc.	usa	24	1996
Buccella, C.	Università degli Studi dell'Aquila	ita	126	1992
Undeland, Tore M.	Norges Teknisk-Naturvitenskapelige Universitet	nor	185	1975
Kliman, Gerald B.	Rensselaer Polytechnic Institute	usa	61	1972
Smith, Alexander C.	University of Manchester	gbr	126	1983
Shyu, Kuo Kai	National Central University Taiwan	twn	154	1985
Sánchez-López, Carlos	Universidad Autónoma de Tlaxcala	mex	105	2002
Jovanovic, Milutin	University of Northumbria	gbr	102	1992
Smith, L.	Principal Power Integrity Engineer	usa	37	1987
Kim, Chris H.	University of Minnesota	usa	221	2002
Xu, Lijun	Beihang University	chn	276	1997
Ma, Weiming	Naval University of Engineering	chn	281	1996
Jack, A. G.	Newcastle University, United Kingdom	gbr	115	1980
Annema, Anne Johan	University of Twente	nld	84	1994
Wang, Zhongfeng	Nanjing University	chn	206	1998
Gosselin, Benoit	Université du Québec à Montréal	can	151	2003
Ahmadi, Majid	University of Windsor	can	552	1980
Leccese, Fabio	Università degli Studi Roma Tre	ita	123	2001
Madawala, Udaya Kumara	University of Auckland	nzl	222	1990
Murakami, Toshiyuki	Keio University	jpn	346	1988
Bamberger, Roberta H.	Washington State University Pullman	usa	49	1990
Leon, Jose I.	University of Seville	esp	107	2003
Ozoguz, Serdar	Istanbul Teknik Üniversitesi	tur	133	1996
Ohashi, Hiromichi	Tokyo Institute of Technology	jpn	194	1977
Agarwal, Vivek	Indian Institute of Technology, Bombay	ind	293	1992
Romero-Troncoso, R. J.	Universidad Autónoma de Querétaro	mex	218	1995
Yeo, Kiat Seng	Nanyang Technological University	sgp	403	1995
Bayoumi, Magdy	University of Louisiana at Lafayette	usa	627	1982
Koizumi, Hirotaka	Tokyo University of Science	jpn	134	1994
Ogorzalek, Maciej	Uniwersytet Jagielloński w Krakowie	pol	153	1984
Giakos, George C.	Manhattan College	usa	223	1991
Ortmanns, Maurits	Universität Ulm	deu	289	2001
Newcomb, Robert W.	University of Maryland	usa	269	1962
Wu, Wenchuan	Tsinghua University	chn	357	1999
Onodera, Hidetoshi	Kyoto University	jpn	343	1980
Docchio, Franco	Università degli Studi di Brescia	ita	164	1979
Kim, Chang Hyun	Korea Institute of Machinery & Materials	kor	349	1989
Johnson, R. Wayne	Tennessee Technological University	usa	192	1978
Veillette, Robert	University of Akron	usa	66	1989

Panda, Sanjib Kumar	National University of Singapore	sgp	413	1987
Rodriguez, Miguel	Oak Ridge National Laboratory	usa	215	1989
Yuan, Fei	Ryerson University	can	179	1997
Martirano, Luigi	Università degli Studi di Roma La Sapienza	ita	167	1999
Yalcin, Mustak Erhan	Istanbul Teknik Üniversitesi	tur	86	1996
Barrero, Federico	University of Seville	esp	231	1993
Ge, Baoming	Texas A&M University	usa	205	1997
Li, Rui	Shanghai Jiao Tong University	chn	142	2005
Kukrer, Osman	Doğu Akdeniz Üniversitesi	tur	73	1988
Wu, Chung Yu	National Chiao Tung University Taiwan	twn	341	1976
Canesin, Carlos A.	UNESP-Universidade Estadual Paulista	bra	125	1991
Newell, David B.	National Institute of Standards and Technology	usa	106	1990
Forsyth, Andrew J.	University of Manchester	gbr	166	1987
Jin, J. X.	Tianjin University	chn	233	1994
Chang, Liuchen	University of New Brunswick	can	118	1989
Zhao, Bo	State Grid Zhejiang Electric Power Research Institute	chn	116	2006
Bojoi, Radu	Politecnico di Torino	ita	178	1998
Lu, Guo Quan	Virginia Polytechnic Institute and State University	usa	269	1989
Al-Hamouz, Z. M.	King Fahd University of Petroleum and Minerals	sau	85	1990
Tursini, Marco	Università degli Studi dell'Aquila	ita	78	1991
Portier, J.	Institut de Chimie de la Matière Condensée de Bordeaux	fra	184	1966
Liu, Jian	Xi'an University of Technology	chn	213	2000
Restle, Phillip J.	IBM Thomas J. Watson Research Center	usa	87	1987
Hagiwara, Makoto	Tokyo Institute of Technology	jpn	102	2002
Ozpineci, Burak	Oak Ridge National Laboratory	usa	115	1998
Betta, G.	Università di Cassino e del Lazio Meridionale	ita	99	1992
Delsing, Jerker	Luleå tekniska Universitet	swe	165	1986
Fujishima, Minoru	Hiroshima University	jpn	240	1990
Kim, Hyosung	Kongju National University	kor	50	1993
Minch, Bradley A.	Franklin W. Olin College of Engineering	usa	79	1995
Yang, Yongheng	Aalborg Universitet	dnk	247	2011
Lukic, Srdjan M.	NC State University	usa	140	2002
Balachandran, Wamadeva	Brunel University London	gbr	276	1978
Chan, Chok You	Symbiosis International (Deemed University)	ind	39	1989
Lee, Ricky	Hong Kong University of Science and Technology	hkg	325	1988
Roboam, Xavier	Université Paul Sabatier Toulouse III	fra	112	1992
Pacas, Mario	Universität Siegen	deu	100	1998
Zhao, Chengyong	North China Electric Power University	chn	361	1998
Yue, C. Patrick	Southern University of Science and Technology	chn	125	1996
Song, Qiang	Tsinghua University	chn	181	2000
Gharpurey, Ranjit	The University of Texas at Austin	usa	115	1995
Schlamming, Stephan	National Institute of Standards and Technology	usa	87	1999
Carrasco, Juan Manuel	University of Seville	esp	94	1992
Iniewski, Kris	Redlen Technologies Inc.	can	196	1982
McMahon, Richard	The University of Warwick	gbr	264	1979
Sodini, Charles G.	Massachusetts Institute of Technology	usa	191	1976
García, O.	Universidad Politécnica de Madrid	esp	221	1993
Wu, Yuan Kang	National Chung Cheng University	twn	124	2007
Kim, Kyeong Hwa	Seoul National University of Science and Technology	kor	58	1995
Callegaro, Luca	Istituto Nazionale di Ricerca Metrologica	ita	165	1994
Consoli, Alfio	Università degli Studi di Catania	ita	179	1977
Mouton, Hendrik Du Toit	Stellenbosch University	zaf	110	1996
Ohta, Jun	Nara Institute of Science and Technology	jpn	364	1982
Acar, C.	Yeditepe University	tur	71	1970



Bahoura, Mohammed	Université du Québec à Rimouski	can	56	1996
Sheikhholeslami, Ali	University of Toronto	can	111	1995
Suonan, Jiale	Xi'an Jiaotong University	chn	250	2000
De Haan, Sjoerd	Delft University of Technology	nld	145	1973
Jacobina, Cursino Brandao	Universidade Federal de Campina Grande	bra	217	1985
Davoudi, Ali	The University of Texas at Arlington	usa	189	2006
Sebastian, Javier	Universidad de Oviedo	esp	264	1985
Wang, Xiaoyu	South China University of Technology	chn	303	1988
Chan, W. L.	Hong Kong Polytechnic University	hkg	200	1993
Comanescu, Mihai	Penn State Altoona	usa	67	2003
Robinson, Ian A.	National Physical Laboratory	gbr	64	1983
Acarnley, Paul P.	Newcastle University, United Kingdom	gbr	88	1977
Wey, Chin Long	National Chiao Tung University Taiwan	twn	247	1982
Atkinson, D. J.	Newcastle University, United Kingdom	gbr	136	1989
Leung, Ka Nang	Chinese University of Hong Kong	hkg	120	1999
Pontt, Jorge	Universidad Técnica	chl	120	1993
Wang, Yi	North China Electric Power University	chn	222	2001
Fujimoto, Yasutaka	Yokohama National University	jpn	196	1993
Ostović, Vlado	Fachhochschule Münster - Abteilung Steinfurt	deu	27	1984
Nagaraj, Krishnaswamy	Texas Instruments	usa	82	1981
Ortega, J. A.	Universitat Politècnica de Catalunya	esp	120	1982
Pal, Kirat	Indian Institute of Technology Roorkee	ind	88	1977
Gopakumar, K.	Indian Institute of Science, Bengaluru	ind	181	1984
Manku, T.	University of Waterloo	can	76	1991
Sebastian, Rafael	Universidad Nacional de Educacion a Distancia	esp	40	1986
Murphy, John	Georgia State University	usa	88	1974
Bakhshai, Alireza	Queen's University, Kingston	can	266	1996
DeWeerth, Stephen P.	School of Electrical and Computer Engineering	usa	133	1989
Tsui, Chi Ying	Hong Kong University of Science and Technology	hkg	242	1992
Riaza, Ricardo	Universidad Politécnica de Madrid	esp	54	1999
Iannuzzi, Diego	Università degli Studi di Napoli Federico II	ita	92	2001
Molinas, Marta	Norges Teknisk-Naturvitenskapelige Universitet	nor	290	1996
Zhou, Keliang	Wuhan University of Technology	chn	134	1998
Wyatt, John	Massachusetts Institute of Technology	usa	89	1977
Schroedl, Manfred	Technische Universität Wien	aut	31	1988
Maswood, Ali I.	Nanyang Technological University	sgp	144	1985
Baglio, Salvatore	Università degli Studi di Catania	ita	392	1991
Kabalci, Ersan	Nevşehir Hacı Bektaş Veli Üniversitesi	tur	88	2009
Yarman, Bekir Siddik Binboga	Istanbul Üniversitesi	tur	143	1982
Postolache, Octavian	Instituto Universitário de Lisboa (ISCTE-IUL)	prt	348	1998
Poppe, A.	Budapest University of Technology and Economics	hun	167	1990
Moschytz, George S.	Bar-Ilan University	isr	260	1965
Wooley, Bruce A.	Stanford University	usa	166	1971
Grigorev, Maksim A.	South Ural State University	rus	45	2007
Bhaskar, D. R.	Delhi Technological University	ind	71	1991
Howey, D. A.	University of Oxford	gbr	97	2009
Castellazzi, Alberto	University of Nottingham	gbr	225	2002
Asher, Greg	University of Nottingham	gbr	223	1988
Liang, Xiaodong	University of Saskatchewan	can	126	2006
Chang, Chip Hong	Nanyang Technological University	sgp	288	1991
Hanumolu, Pavan Kumar	University of Illinois at Urbana-Champaign	usa	186	2003
Geiger, Randall L.	Iowa State University	usa	286	1977
Lee, Yim Shu	Hong Kong Polytechnic University	hkg	102	1984
Iwata, Atsushi	Hiroshima University	jpn	191	1981

Lomonova, Elena A.	Technische Universiteit Eindhoven	nld	395	2002
Novotny, Donald	University of Wisconsin-Madison	usa	148	1963
Choi, Woo Yeong	Jeonbuk National University	kor	74	2005
<b>Maudy, Brent J.</b>	<b>University of Calgary</b>	<b>can</b>	<b>184</b>	<b>1987</b>
Otis, Brian	Verily Life Sciences LLC	usa	135	2002
Ayyanar, Raja	Arizona State University	usa	173	1996
Murgatroyd, P. N.	Loughborough University	gbr	58	1969
Yang, Jin	Chongqing University	chn	202	1986
Kollár, István	Budapest University of Technology and Econo	hun	101	1982
De Mey, Gilbert	Universiteit Gent	bel	245	1973
Paik, Kyung Wook	Korea Advanced Institute of Science & Techno	kor	385	1994
Okada, Kenichi	Tokyo Institute of Technology	jpn	347	1999
Glazer, J.	Hewlett-Packard Inc.	usa	29	1984
Sarlioglu, Bulent	University of Wisconsin-Madison	usa	216	1994
Al-Sarawi, Said	The University of Adelaide	aus	174	1997
Bashirullah, Rizwan	University of Florida	usa	99	1999
Lahiri, Abhirup	D3-Friends Apartments, IP Extension	ind	57	2008
Waffenschmidt, Eberhard	Technology Arts Sciences TH Köln	deu	57	2000
Harashima, Fumio	Tokyo Metropolitan University	jpn	211	1973
Farhat, Nabil	University of Pennsylvania	usa	128	1963
Greason, William D.	Western University	can	140	1971
Adam, G. P.	University of Strathclyde	sau	150	2007
Cirriuncione, Maurizio	University of the South Pacific	fji	170	1996
Lee, Hoi	University of Texas at Dallas	usa	102	2000
Miret, Jaume	Universitat Politècnica de Catalunya	esp	123	2002
Bowman, Keith A.	Qualcomm Incorporated	usa	72	1998
Ishaque, Kashif	Capital University of Science & Technology	pak	40	2010
Xu, Dehong	Zhejiang University	chn	319	1989
Fukao, Tadashi	Ibaraki University	jpn	165	1982
Eda, Kazuo	Panasonic Corporation	jpn	69	1972
Tamaševičius, Arūnas	Fizinių ir Technologijos Mokslų Centras	ltu	91	1977
Lin, Jim	Stream Processors		47	1973
Warnock, James D.	International Business Machines	usa	111	1988
Oliaei, Omid	Fujitsu Semiconductor Wireless	usa	58	1995
Han, Byung Moon	Myongji University	kor	198	1989
Al-Turki, Y.	King Abdulaziz University	sau	101	1989
Zhang, Xinmiao	The Ohio State University	usa	91	2004
Levantino, Salvatore	Politecnico di Milano	ita	121	1999
Vazquez, Sergio	University of Seville	esp	111	2003
Sklavos, N.	Computer Technology Institute	grc	116	2001
Yim, Myung Jin	Intel Corporation	usa	83	1997
Grbovic, P. J.	University of Innsbruck	aut	51	2005
Chen, Yie Tone	National Yunlin University of Science and Tec	twn	53	1994
Mari, Luca	Università Carlo Cattaneo	ita	81	1991
Hosseini, Seyed Hossein	University of Tabriz	irn	285	1989
Sjoland, Henrik	Institutionen för Elektro- och Informationstekni	swe	183	1997
Chen, Min You	Chongqing University	chn	213	1995
Grimaldi, Domenico	Università della Calabria	ita	194	1992
Diorio, Chris	University of Washington, Seattle	usa	65	1995
Hiasat, Ahmad	Princess Sumaya University	jor	48	1992
Buonomo, Antonio	Università degli Studi della Campania Luigi Va	ita	75	1979
Martinez-Salamero, Luis	Universitat Rovira i Virgili	esp	175	1998
Hernandez, Wilmar	Universidad de las Americas - Ecuador	ecu	98	1995
Gerling, Dieter	Universität der Bundeswehr München	deu	255	1993

Pan, Ching Tsai	National Tsing Hua University	twn	134	1975
Spooner, E.	OpenHydro Technology Ltd, Ireland	irl	89	1973
Strangas, Elias G.	Michigan State University	usa	132	1979
Chiu, Yun	University of Texas at Dallas	usa	70	1998
Bialasiewicz, Jan T.	University of Colorado at Denver	usa	50	1988
Kjær, Philip Carne	Aalborg Universitet	dnk	81	1994
Dimitrov, V. S.	University of Calgary	can	133	1992
Cobos, Jose Antonio	Universidad Politécnica de Madrid	esp	363	1991
Delahaye, François	BIPM Bureau International des Poids et Mesures	fra	46	1977
Drofenik, Uwe	ABB Corporate Research Center - Switzerland	che	61	1995
Liu, Liming	University of Electronic Science and Technology	chn	206	1982
Han, Bangcheng	Beihang University	chn	169	2001
Kacar, Firat	Istanbul University-Cerrahpasa	tur	90	2001
Copeland, M. A.	Carleton University	can	72	1963
Santi, Enrico	University of South Carolina	usa	198	1993
Kostamovaara, Juha	Oulun Yliopisto	fin	395	1982
Duran, Mario J.	Universidad de Malaga	esp	129	2002
Chang, Hsueh Hsien	Jin Wen University of Science and Technology	twn	40	2007
Pellegrino, Gianmario	Politecnico di Torino	ita	153	1999
Herzel, Frank	Institut für innovative Mikroelektronik (IHP)	deu	104	1991
Alzahr, Hussain A.	King Fahd University of Petroleum and Minerals	sau	60	1995
Jin, Hua	Powersim Inc.	usa	64	1989
Hammond, Peter W.	Siemens USA	usa	29	1980
Burg, Andreas	Ecole Polytechnique Fédérale de Lausanne	che	226	2000
Fukuda, Shoji	Hokkaido University	jpn	93	1972
De Caro, Davide	Università degli Studi di Napoli Federico II	ita	84	2000
Kowalczyk, Steven P.	IBM Thomas J. Watson Research Center	usa	106	1972
Steimel, Andreas	Universität Siegen	deu	134	1975
Kim, Jaeha	Inter-University Semiconductor Research Center	kor	130	2000
Hong, Xianlong	Tsinghua University	chn	468	1984
Zhong, G. Q.	Chinese Academy of Sciences	chn	34	1985
Jung, Jin Woo	Dongguk University, Seoul	kor	96	2004
Belahcen, A.	Aalto University	fin	188	2000
Burdío, José M.	Universidad de Zaragoza	esp	216	1994
Khambadkone, Ashwin M.	National University of Singapore	sgp	132	1990
Moon, Kyoung sik	Georgia Institute of Technology	usa	257	1997
Guo, Jiun In	National Chiao Tung University Taiwan	twn	172	1992
Kawakami, H.	Tokushima University	jpn	118	1981
Tenti, Paolo	Università degli Studi di Padova	ita	157	1978
Abad, Gonzalo	Mondragon Unibertsitatea	esp	55	2005
Ran, Li	Chongqing University	chn	203	1996
Laaksonen, Hannu	Vaasan Yliopisto	fin	45	2003
Rahimo, Munaf	MTAL GmbH	che	134	1993
Rossetto, Leopoldo	Università degli Studi di Padova	ita	76	1986
Olivar, Gerard	Universidad Nacional de Colombia	col	100	1996
Cui, X.	North China Electric Power University	chn	391	1993
Lee, Chin C.	University of California, Irvine	usa	270	1977
El-Sousy, Fayez F.M.	Prince Sattam Bin Abdulaziz University	sau	42	1996
Griffiths, Huw	Singleton Hospital	gbr	51	1989
Hava, Ahmet M.	Middle East Technical University (METU)	tur	84	1992
Liu, Chun Cheng	MediaTek Inc	twn	23	2009
Mertens, Axel	Leibniz University Hannover	deu	168	1989
Moll, J. L.	Hewlett Packard Laboratories	usa	80	1952
Sun, Nan	The University of Texas at Austin	usa	123	2007

Arpaia, Pasquale	Università degli Studi di Napoli Federico II	ita	269	1989
Yano, Kazuo	Hitachi, Ltd.	jpn	125	1985
Lindmayer, Manfred	Technische Universität Braunschweig	deu	97	1972
Jovanovic Dolecek, G.	Instituto Nacional de Astrofisica Optica y Elect	mex	134	1996
Kok, Chi Wah	Canaan Semiconductor Limited	hkg	204	1993
Wang, Yue	Xi'an Jiaotong University	chn	288	2001
Ciobotaru, Mihai	Macquarie University	aus	110	2005
Yuan, Jiren	Lunds Universitet	swe	75	1988
Rabkowski, Jacek	Politechnika Warszawska	pol	115	2004
Martins, Rui P.	Universidade de Macau	mac	475	1988
Golestan, Saeed	Aalborg Universitet	dnk	71	2008
Mirzaei, Ahmad	Yazd University	irn	71	2002
Carlin, Herbert J.	Cornell University	usa	63	1942
Graeb, Helmut E.	Technical University of Munich	deu	101	1992
Prodromakis, Themistoklis	University of Southampton	gbr	157	2005
Naffziger, Samuel	Advanced Micro Devices, Inc.	usa	51	1996
Penman, J.	Robert Gordon University	gbr	82	1976
Ross, J. Neil	University of Southampton	gbr	52	1980
Lequesne, Bruno	E-Motors Consulting, LLC	usa	64	1980
Mantooth, Homer Alan	University of Arkansas - Fayetteville	usa	278	1989
Gupta, Rajesh	Motilal Nehru National Institute of Technology	ind	97	2005
Yang, Shengchun	Xi'an Jiaotong University	chn	210	1999
Chang, Chun Ming	Chung Yuan Christian University	twn	22	1997
Okubo, Masaaki	Osaka Prefecture University	jpn	199	1987
Zheng, Lirong	Fudan University	chn	454	1994
Brown, Richard B.	The University of Utah	usa	186	1985
Mayaram, Kartikeya	Oregon State University	usa	179	1982
Siegel, Mel	Carnegie Mellon University	usa	115	1968
Soong, Wen Liang	The University of Adelaide	aus	132	1993
Van Der Broeck, Heinz	University of Applied Science	deu	31	1982
Yang, Lung Sheng	Far East University	twn	63	2006
Pejović, Predrag V.	University of Belgrade	srb	70	1994
Grandi, Gabriele	Alma Mater Studiorum Università di Bologna	ita	125	1993
Brasseur, Georg	Graz University of Technology, Institute of Ele	aut	76	1996
Chalmers, B. J.	University of Manchester	gbr	98	1969
Bistriz, Yuval	Tel Aviv University	isr	80	1978
Miyatake, Masafumi	Sophia University	jpn	81	1999
Jimbo, Yasuhiko	University of Tokyo	jpn	208	1986
Zhao, Zhengming	Tsinghua University	chn	250	1994
Kołtunowicz, T. N.	Politechnika Lubelska	pol	124	2005
Liu, Wenhua	Tsinghua University	chn	194	1994
Ohnishi, Tokuo	Tokushima University	jpn	81	1975
Chu, David	Hewlett-Packard Inc.	usa	12	1972
Lee, Il Oun	Myongji University	kor	39	2011
Mazumder, Malay	Boston University	usa	190	1969
Zhang, Junming	Zhejiang University	chn	205	2000
McShane, C. Patrick	Cargill, Inc., USA	usa	23	1999
Yang, Lijun	Chongqing University	chn	329	2004
Hameyer, K.	Rheinisch-Westfälische Technische Hochschule	deu	500	1989
Cai, Xu	Shanghai Jiao Tong University	chn	383	2002
Cheung, Norbert	Hong Kong Polytechnic University	hkg	171	1994
Tschanz, James W.	Intel Corporation	usa	130	2000
Serrano-Gotarredona, Teresa	CSIC - Instituto de Microelectronica de Sevilla	esp	152	1994
He, Ren Mu	North China Electric Power University	chn	134	1983

Soyuer, M.	IBM Thomas J. Watson Research Center	usa	63	1988
Harpe, Pieter	Technische Universiteit Eindhoven	nld	111	2005
Chen, Hung Chi	National Chiao Tung University Taiwan	twn	83	1999
Bruzzese, Claudio	Università degli Studi di Roma La Sapienza	ita	73	2004
Barnes, Mike	University of Manchester	gbr	171	1995
Lin, Xiangning	Huazhong University of Science and Technology	chn	346	1996
Lu, Bin	Eaton Corporation	chn	56	2004
Siwakoti, Yam P.	University of Technology Sydney	aus	78	2010
Filipski, Piotr S.	National Research Council Canada	can	72	1980
Mozina, Chuck	Beckwith Electric Co., Inc.	usa	132	1988
Braunovic, Milenko	MB Interface	can	80	1971
Hebner, Robert E.	The University of Texas at Austin	usa	164	1970
Chen, Shih Lun	Chung Yuan Christian University	twn	103	2002
Meghelli, Mounir	IBM Thomas J. Watson Research Center	usa	88	1997
Van Der Plas, Geert	Interuniversity Micro-Electronics Center at Leuven	bel	200	1994
Moreira, Julio C.	Whirlpool	usa	29	1983
Plouchart, Jean Olivier	IBM Thomas J. Watson Research Center	usa	107	1993
Karnik, Tanay	Intel Corporation	usa	106	2001
Qu, Ronghai	Huazhong University of Science and Technology	chn	370	1997
Thewes, Roland	Technical University of Berlin	deu	155	1992
Wang, Fengxiang	Shenyang University of Technology	chn	165	1997
Wambacq, Piet	Vrije Universiteit Brussel	bel	284	1990
Nagata, Makoto	Kobe University	jpn	254	1996
Vinnikov, Dmitri	Tallinna Tehnikaülikool	est	235	2006
Perfetti, Renzo	Università degli Studi di Perugia	ita	88	1988
Chen, Degang	Iowa State University	usa	223	1990
Xu, Bingyin	Shandong University of Technology	chn	228	1989
Camblong, H.	Universidad del Pais Vasco	esp	82	2005
Harada, Koosuke	Kyushu University	jpn	382	1966
Tang, Yi	Nanyang Technological University	sgp	169	2008
da Silva, E. R.C.	Universidade Federal da Paraíba	bra	203	1985
Leggate, David	Rockwell Automation Headquarters	usa	37	1989
Palmisano, Giuseppe	Università degli Studi di Catania	ita	257	1984
Inculet, Ion I.	Western University	can	163	1969
Zhang, Bo	Tsinghua University	chn	285	2000
Montanini, Roberto	Università degli Studi di Brescia	ita	51	1999
Shieh, Hsin Jang	National Dong Hwa University	twn	34	1995
McNeill, John	Worcester Polytechnic Institute	bra	62	1990
Kursun, Volkan	Hong Kong University of Science and Technology	hkg	164	2002
Yen, Jui Cheng	National United University Taiwan	twn	36	1992
Liu, Zhenya	Global Energy Interconnection Development and Research Center of Excellence	chn	12	2008
Blasco-Gimenez, Ramon	Universitat Politècnica de València	esp	98	1994
Petrone, Giovanni	Università di Salerno	ita	142	2002
Bonert, Richard	University of Toronto	can	44	1979
Martins, Denizar	Universidade Federal de Santa Catarina	bra	126	1989
Bocker, Joachim	Universität Paderborn	deu	204	1991
Nian, Heng	Zhejiang University	chn	191	2003
Clark, Lawrence T.	Arizona State University	usa	151	1987
Finkelstein, L.	City, University of London	gbr	116	1968
Kaura, Vikram	SuperTel Technologies	usa	15	1995
Midwinter, J. E.	UCL	gbr	157	1965
Tanaka, Toshihiko	Yamaguchi University	jpn	206	1987
He, Jinwei	Tianjin University	chn	68	2010
Mei, Zequn	Cisco	usa	51	1988

Stornelli, Vincenzo	Università degli Studi dell'Aquila	ita	170	2005
Aredes, Mauricio	Universidade Federal do Rio de Janeiro	bra	107	1993
Reverter, Ferran	Universitat Politècnica de Catalunya	esp	66	2003
Toker, Ali	Istanbul Teknik Üniversitesi	tur	77	1998
Vankka, Jouko	Aalto University	fin	51	1996
Kim, Beomsup	Qualcomm Incorporated	usa	95	1990
Kwon, Jung Min	Hanbat National University	kor	65	2005
Tsuji, Toshiaki	Saitama University	jpn	186	2000
Aydin, Metin	Kocaeli Üniversitesi	tur	61	2001
Wei, Gu Yeon	Harvard University	usa	159	1996
Alon, Elad	University of California, Berkeley	usa	160	2003
So, Eddy	National Research Council Canada	can	148	1979
Carusone, Tony Chan	University of Toronto	can	127	1999
Terman, L.	IBM Thomas J. Watson Research Center	usa	55	1959
Zane, Regan	Utah State University	usa	185	1996
Wang, Liming	Tsinghua University	chn	548	1996
Gulak, P. Glenn	University of Toronto	can	129	1984
Ferrari, V.	Università degli Studi di Brescia	ita	194	1994
Branco, P. J.Costa	Instituto Superior Técnico	prt	106	1993
Lascu, Cristian	Universitatea Politehnica din Timisoara	rou	50	1998
Bernieri, A.	Università di Cassino e del Lazio Meridionale	ita	62	1992
Markovic, Dejan	University of California, Los Angeles	usa	133	1999
Forbes, Alistair B.	National Physical Laboratory	gbr	114	1993
Oggier, G. G.	Universidad Nacional de Rio Cuarto	arg	47	2003
Choi, Hangseok	Samsung Electronics Co. Ltd.	kor	33	2000
Kanoun, Olfa	Technische Universität Chemnitz	deu	321	1998
Kotecki, David E.	University of Maine	usa	61	1983
Gerada, Chris	University of Nottingham	gbr	407	2003
Shi, Tingna	Zhejiang University	chn	200	2001
Banaei, Mohamad Reza	Azərbaycan Şahid Mədani University	irn	101	2004
Hwang, In Chul	Pohang University of Science and Technology	kor	110	1991
Seok, Mingoo	Columbia University in the City of New York	usa	119	2007
Yousef, Hasan	Sultan Qaboos University	omn	89	1988
Kobayashi, Kevin W.	Qorvo, Inc	usa	117	1988
Kerekes, Tamas	Aalborg Universitet	dnk	99	2005
Welchko, Brian A.	General Motors	usa	22	2000
Tee, Tong Yan	Silecs International Pte. Ltd. CleanTech One 02	sgp	78	2000
Redman-White, William	University of Southampton	gbr	129	1987
Narayanan, G.	Indian Institute of Science, Bengaluru	ind	138	1998
Teodorescu, Horia Nicolai	Academia Româna	rou	157	1974
Valdes-Garcia, Alberto	IBM Thomas J. Watson Research Center	usa	115	2003
Ueta, T.	Tokushima University	jpn	97	1994
Yamamoto, T.	RTI International	usa	48	1981
Roshen, W. A.	The Ohio State University	usa	35	1980
Cho, Junggoo	Korea Electrotechnology Research Institute	kor	44	1989
Benammar, Mohieddine A.	Qatar University	qat	98	1989
Vainio, Olli	Tampere University of Technology	fin	130	1985
Chiu, Huang Jen	National Taiwan University of Science and Tec	tw	210	1999
Boussak, Mohamed	Aix Marseille Université	fra	77	1992
Thanachayanont, Apinunt	King Mongkut's Institute of Technology Ladkr	tha	82	1995
Monfared, Mohammad	Ferdowsi University of Mashhad	irn	91	2006
Chwastek, Krzysztof	Częstochowa University Of Technology	pol	77	2006
Chen, Hao	China University of Mining and Technology	chn	186	1999
Ninomiya, Tamotsu	Green Electronics Research Institute	jpn	361	1972

Vandersteen, Gerd	Vrije Universiteit Brussel	bel	231	1993
Yanabu, Satoru	Xi'an Jiaotong University	chn	288	1969
Agrež, Dušan	University of Ljubljana	svn	78	1990
Lee, Chen Yi	National Chiao Tung University Taiwan	twn	298	1989
Yoo, Changsik	Hanyang University	kor	124	1995
Salama, C. A.T.	University of Toronto	can	256	1965
Redfern, Miles	University of Bath	gbr	180	1989
Palmer, Patrick	Simon Fraser University	can	159	1988
Dewan, S. B.	University of Toronto	can	203	1967
Lee, Sang Bin	Korea University	kor	177	2000
Burrascano, Pietro	Università degli Studi di Perugia	ita	135	1984
Pilawa-Podgurski, Robert C.N.	Department of Electrical Engineering and Com	usa	120	2007
Samori, Carlo	Politecnico di Milano	ita	132	1993
Mokhtari, H.	Sharif University of Technology	irn	134	1994
Leblebici, Yusuf	Sabancı Üniversitesi	tur	478	1987
Nakaoka, Mutsuo	University of Malaya	mys	956	1973
Itoh, Jun Ichi	Nagaoka University of Technology	jpn	431	1994
Wu, Guangning	Southwest Jiaotong University	chn	558	1995
Lucia, Oscar	Universidad de Zaragoza	esp	157	2008
Roscoe, Andrew	Siemens Gamesa Renewable Energy	gbr	78	1993
Xu, Ming	Nanjing FSP-Powerland Technology Inc.	chn	135	2003
Yang, Sheng Ming	National Taipei University of Technology	twn	70	1988
Scheuermann, Uwe	SEMIKRON Elektronik GmbH & Co. KG	deu	34	2001
Pollock, Charles	Techelec Ltd.	gbr	79	1988
Cheng, Po Tai	National Tsing Hua University	twn	146	1996
Chen, Pei Yin	National Cheng Kung University	twn	104	1995
Shang, Jincheng	Electric Power of Henan	chn	65	2002
Agbossou, Kodjo	Université du Québec à Trois-Rivières	can	179	1992
Chen, Deshu	Huazhong University of Science and Technology	chn	161	1986
Sima, Wenxia	Chongqing University	chn	310	2002
Henao, Humberto	Université de Picardie Jules Verne	fra	134	1990
Carlosena, Alfonso	Universidad Pública de Navarra	esp	167	1987
Wang, Guangzhu	Shandong University	chn	63	2001
Sato, Yukihiro	Chiba University	jpn	141	1987
Szabat, Krzysztof	Wrocław University of Science and Technology	pol	98	2002
Reatti, Alberto	Università degli Studi di Firenze	ita	96	1993
Witt, Thomas J.	BIPM Bureau International des Poids et Mesur	fra	71	1975
Marszalek, Wieslaw	Politechnika Opolska	pol	79	1983
Tani, Angelo	Alma Mater Studiorum Università di Bologna	ita	148	1993
Brauer, John R.	Milwaukee School of Engineering	usa	103	1974
Tarasiuk, Tomasz	Akademia Morska w Gdyni	pol	62	1998
Balog, Robert S.	Texas A&M University	usa	155	2002
Zhao, Biao	Tsinghua University	chn	65	2010
Shareef, Hussain	United Arab Emirates University	are	305	2005
Fang, Chung Chieh	Sunplus Technology Co Ltd	twn	32	1998
Hissel, D.	Université Bourgogne Franche-Comté	fra	274	1998
Zarandy, Akos	Pazmany Peter Katolikus Egyetem	hun	136	1981
Mademlis, Christos	Aristotle University of Thessaloniki	grc	63	1995
Freijedo, Francisco D.	Huawei Technologies Deutschland GmbH	deu	107	2006
Ang, Simon S.	University of Arkansas - Fayetteville	usa	232	1985
Frye, Robert	RF Design Consulting, LLC	usa	133	1979
Kato, Toshiji	Doshisha University	jpn	142	1983
Liguori, Consolatina	Università di Salerno	ita	151	1994
Tenconi, Alberto	Politecnico di Torino	ita	175	1991

Dujić, Dražen	Ecole Polytechnique Fédérale de Lausanne	che	123	2005
Van der Spiegel, Jan	University of Pennsylvania	usa	201	1976
Okuma, Shigeru	Nagoya University	jpn	358	1973
Kojabadi, Hossein Madadi	Sahand University of Technology	irn	54	2000
Chen, Jintao	Midea Welling Motor Technology (Shanghai) Co., Ltd.	chn	53	2007
Chen, Wu	Southeast University, Nanjing	chn	123	2005
Picard, Alain	BIPM Bureau International des Poids et Mesures	fra	54	1990
Sanada, Masayuki	Osaka Prefecture University	jpn	221	1992
Matas, Jose	Universitat Politècnica de Catalunya	esp	91	1997
Chen, Jiann Jong	National Taipei University of Technology	twn	139	1991
Hsu, Ping	San Jose State University	usa	39	1986
Zhu, Changsheng	Zhejiang University	chn	161	1987
Singh, Brij N.	John Deere Electronic Solutions	usa	67	1983
Flynn, Michael P.	University of Michigan, Ann Arbor	usa	126	1992
Zhang, Kevin	Taiwan Semiconductor Manufacturing Company	twn	72	1998
Massoud, Ahmed M.	Qatar University	qat	316	2001
Hashemian, Reza	Northern Illinois University	usa	84	1971
Zhilentsov, Anton	Saint Petersburg National Research University	rus	71	2015
Metin, Bilgin	Bogaziçi Üniversitesi	tur	84	2003
Nelms, R. M.	Auburn University	usa	169	1985
Shi, Guoyong	Shanghai Jiao Tong University	chn	100	1996
Bacha, Seddik	Université Grenoble Alpes	fra	306	1992
Lin, Weixing	TBEA SunOasis Co., Ltd	chn	108	2011
Van Roermund, Arthur	Technische Universiteit Eindhoven	nld	355	1979
Verdelho, P.	Instituto Superior Técnico	prt	29	1991
Van Den Bossche, Alex	Universiteit Gent	bel	140	1984
Valle, Maurizio	Università degli Studi di Genova	ita	191	1989
Kalisz, J.	Wojkowska Akademia Techniczna	pol	31	1975
Yilmaz, Murat	Istanbul Teknik Üniversitesi	tur	28	2000
Auger, F.	Institut de Recherche en Energie Electrique de Grenoble	fra	75	1994
D'Antona, Gabriele	Politecnico di Milano	ita	109	1988
Wu, Xinke	Zhejiang University	chn	164	2003
Jatskevich, Juri	The University of British Columbia	can	205	1998
Miller, John M.	Momentum Dynamics	usa	44	1996
Serban, Ioan	Universitatea Transilvania din Brasov	rou	56	2005
Meo, Santolo	Università degli Studi di Napoli Federico II	ita	68	1993
Min, Yong	Tsinghua University	chn	216	1991
Xing, Yan	Nanjing University of Aeronautics and Astronautics	chn	273	1988
Li, Qiang	Virginia Polytechnic Institute and State University	usa	170	2007
Collins, Steve	University of Oxford	gbr	174	1992
Dell'Aquila, Antonio	Politecnico di Bari	ita	121	1980
Strydom, Johan	Efficient Power Conversion Corporation	usa	72	1999
Nuccio, Salvatore	Università degli Studi di Palermo	ita	92	1993
Blalock, Benjamin J.	The University of Tennessee, Knoxville	usa	240	1992
Shen, Weixiang	Swinburne University of Technology	aus	114	1988
Alghuwainem, Saad	King Saud University	sau	27	1992
Duarte, Jorge L.	Technische Universiteit Eindhoven	nld	184	1983
Vogel, Christian	FH Joanneum	aut	31	2003
Czarkowski, Dariusz	NYU Tandon School of Engineering	usa	164	1992
Sharkh, Suleiman M.	University of Southampton	gbr	139	1992
Lu, Zhengyu	Zhejiang University	chn	315	1998
de Figueiredo, Rui J.P.	University of California, Irvine	usa	159	1969
Kawaguchi, Hiroshi	Kobe University	jpn	280	1997
Yang, Byung Do	Chungbuk National University	kor	54	2000



Liu, Guohai	Jiangsu University	chn	396	2001
Tetzlaff, Ronald	Technische Universität Dresden	deu	222	1991
Smulko, Janusz	Gdańsk University of Technology	pol	107	1997
Takamiya, Makoto	University of Tokyo	jpn	234	1996
Samitier, Josep	Universitat de Barcelona	esp	425	1984
Rolain, Yves	Vrije Universiteit Brussel	bel	337	1986
Hashemi, Hossein	University of Southern California	usa	125	2001
Wu, Hongfei	Nanjing University of Aeronautics and Astronautics	chn	176	2008
Honma, Hideo	Kanto Gakuin University	jpn	133	1977
Midya, Pallab	ADX Research, Inc.	usa	33	1989
O'Leary, Paul	Montanuniversitat Leoben	aut	129	1990
Long, David	Nokia Bell Labs	usa	51	1989
Ye, Zhihong	Lite-On Technology Corporation	chn	64	1998
Flammini, A.	Università degli Studi di Brescia	ita	305	1997
Watanabe, Edson Hirokazu	Universidade Federal do Rio de Janeiro	bra	121	1979
Canay, I. M.	ABB Group	che	30	1966
Romeral, Luis	Universitat Politècnica de Catalunya	esp	212	1998
Velázquez, Ramiro	Universidad Panamericana	mex	112	2002
Lo, Yu Kang	Lite-On Technology Corporation	chn	179	1993
Sun, Haishun	Huazhong University of Science and Technology	chn	72	1997
Huh, Jun Ho	Korea Maritime and Ocean University	kor	96	2015
Tang, Yifan	Emerson Motor Technologies	usa	20	1992
Dufour, C.	Opal-RT Technologies	can	95	1995
Sera, Dezso	Aalborg Universitet	dnk	109	2005
Busquets-Monge, Sergio	Universitat Politècnica de Catalunya	esp	75	2001
Beig, Abdul R.	Khalifa University of Science and Technology	are	66	2002
Ahmad, M. Omair	Concordia University	can	497	1978
Leyva-Ramos, Jesus	Instituto Potosino de Investigacion Cientifica y Tecnologica	mex	84	1981
Nieuwoudt, Arthur	Synopsys Incorporated	usa	71	2005
Sanchis, Pablo	Universidad Pública de Navarra	esp	121	2000
Ham, Donhee	Harvard John A. Paulson School of Engineering and Applied Sciences	usa	86	2000
Oruganti, Ramesh	Indian Institute of Technology Mandi	ind	114	1983
Chen, Weigen	Chongqing University	chn	281	1998
Knickerbocker, John	IBM Thomas J. Watson Research Center	usa	85	1981
Lezana, Pablo	Universidad Técnica Federico Santa María	chl	62	2002
Zhang, Zhijin	Chongqing University	chn	218	2003
Liang, Zhenxian	Wolfspeed, USA	usa	79	2000
Osenbach, John	LSI Corporation	usa	78	1985
Cataliotti, Antonio	Università degli Studi di Palermo	ita	133	1997
Timbus, Adrian	ABB Group	che	33	2004
Francois, Bruno	University of Lille	fra	132	1996
Zhang, Yanli	Shenyang University of Technology	chn	267	1993
Tang, Renyuan	Shenyang University of Technology	chn	177	1982
Lee, Ning Cheng	Indium Corporation	usa	138	1989
Law, S. E.	The University of Georgia	usa	69	1973
Vlassis, Spyridon	Panepistimion Patron	grc	80	1998
Malcovati, P.	Università degli Studi di Pavia	ita	310	1993
Reusch, David	VPT Inc.	usa	53	2008
Cho, Seonghwan	Korea Advanced Institute of Science & Technology	kor	126	1997
Blair, Jerome	National Security Technologies, LLC	usa	46	1972
<b>Abdel-Khalik, Ayman S.</b>	<b>Alexandria University</b>	<b>egy</b>	<b>202</b>	<b>2003</b>
Yazicioglu, Refet F.	Interuniversity Micro-Electronics Center at Leuven	bel	93	2005
Baker, R. Jacob	University of Nevada, Las Vegas	usa	73	1990
Chang, F. Y.	National Chiao Tung University Taiwan	twn	45	1970

Wang, Yicheng	National Institute of Standards and Technology	usa	99	1987
Bina, Mohammad Tavakoli	K. N. Toosi University of Technology	irn	121	1999
Rapuano, Sergio	Università degli Studi del Sannio	ita	195	2001
Jain, Sachin	National Institute of Technology Raipur	ind	79	2001
Takeshita, Takaharu	Nagoya Institute of Technology	jpn	217	1984
Hu, Haibing	Nanjing University of Aeronautics and Astronautics	chn	146	2004
Joksimović, Gojko	University of Montenegro	mne	44	1995
Jain, Shailendra	Maulana Azad National Institute of Technology	ind	118	1999
Xu, Xingyi	Shanghai PowerMax Technology Inc.	chn	24	1988
Chen, Shaotang	Delphi	usa	28	1993
Hofmann, Heath	University of Michigan, Ann Arbor	usa	123	1995
Lin, Ray Lee	National Cheng Kung University	twn	119	1989
Wang, Zhihua	Tsinghua University	chn	840	1994
Peroutka, Zdenek	University of West Bohemia	cze	189	2002
He, Yunze	Hunan University	chn	94	2009
Krismer, Florian	ETH Zürich	che	66	2005
Green, Michael M.	University of California, Irvine	usa	125	1989
Kim, Yoon Ho	Pohang University of Science and Technology	kor	191	1986
Wang, Alice	MediaTek Inc	twn	56	1999
Pinheiro, Humberto	Universidade Federal de Santa Maria	bra	233	1993
Yamauchi, Hiroyuki	University of Electronic Science and Technology of China	chn	103	1988
Black, William C.	Northern Microdesign, Inc.	usa	45	1977
Matsuse, Kouki	Meiji University	jpn	251	1978
Bakker, Anton	Analog Devices	usa	43	1982
Stemmler, Herbert	ETH Zürich	che	31	1972
Zigliotto, M.	Università degli Studi di Padova	ita	133	1991
Herencsar, Norbert	Brno University of Technology	cze	215	2007
Sundstrom, Lars	Ericsson Sweden	swe	69	1994
Lopez, Oscar	Universidade de Vigo	esp	93	2005
Shen, Jian Xin	Zhejiang University	chn	155	1997
Han, Yingduo	Tsinghua University	chn	234	1982
Rahman, Khwaja	General Motors	usa	76	1993
Sikora, Jan	University of Economics and Innovation	pol	186	1976
Celma, Santiago	Universidad de Zaragoza	esp	295	1990
Graditi, Giorgio	Ente Per Le Nuove Tecnologie, l'Energia e l'Ambiente	ita	160	2003
Kumar, Umesh	Indian Institute of Petroleum	ind	147	1976
Tymerski, Richard	Portland State University	usa	46	1983
Toral, Sergio	University of Seville	esp	189	1998
Eastham, John F.	University of Bath	gbr	123	1972
Klonz, M.	Physikalisch-Technische Bundesanstalt	deu	89	1980
Ma, Xiandong	Department of Engineering, Lancaster University	gbr	72	1999
Kubota, Hisao	Meiji University	jpn	123	1984
Abramovitz, Alexander	Holon Institute of Technology	isr	71	1991
Seeman, Michael	Texas Instruments	usa	25	2002
Alberti, Luigi	Università degli Studi di Padova	ita	95	2007
Acero, Jesús	Universidad de Zaragoza	esp	124	2002
Nasar, Syed A.	University of Kentucky	usa	101	1968
Čelanović, Ivan	Massachusetts Institute of Technology	usa	95	1998
Kimura, K.	NEC Corporation	jpn	27	1987
Zhang, R.	Texas Tech University Health Sciences Center	usa	117	1991
Khaburi, Davood Arab	Iran University of Science and Technology	irn	107	2006
Roh, Jeongjin	Hanyang University	kor	53	1998
Viola, Fabio	Università degli Studi di Palermo	ita	132	2003
Du, Zhong	Parker Hannifin Corp.	usa	46	2002

Omekanda, Avoki	General Motors	usa	43	1992
Duan, Xianzhong	Huazhong University of Science and Technology	chn	266	1995
Fei, Wanmin	Nanjing Normal University	chn	51	2001
Zinger, Donald S.	Northern Illinois University	usa	49	1984
Özdemir, Engin	Kocaeli Üniversitesi	tur	54	1996
Orchard, H. J.	University of California, Los Angeles	usa	52	1951
Sodagar, Amir M.	York University	can	108	1994
Kim, Tae Wook	Yonsei University	kor	56	2003
Duque-Carillo, J. F.	Universidad de Extremadura	esp	95	1983
Lopes, Luiz A.C.	Concordia University	can	104	1992
Costinett, Daniel	The University of Tennessee, Knoxville	usa	130	2009
Groza, Voicu Z.	University of Ottawa, Canada	can	247	1997
Dawson, Francis P.	University of Toronto	can	196	1984
Gallo, Daniele	Università degli Studi della Campania Luigi Vanvitelli	ita	161	2000
Wang, Gaolin	Harbin Institute of Technology	chn	122	2001
Li, Yong An	Xianyang Normal University	chn	33	2009
Marioli, Daniele	Università degli Studi di Brescia	ita	224	1977
Srinivasan, K.	École de Technologie Supérieure	can	44	1974
Ding, Wen	Xi'an Jiaotong University	chn	123	2001
Caricchi, Federico	Università degli Studi di Roma La Sapienza	ita	85	1989
Xu, Wei	Huazhong University of Science and Technology	chn	222	2007
Finch, John W.	Newcastle University, United Kingdom	gbr	81	1978
Chuang, Ying Chun	Kun Shan University	twn	66	1992
Round, Simon	ABB Group	che	77	1991
Su, Juing Huei	LungHwa University of Science and Technology	twn	66	1992
Pinheiro, Jose Renes	Universidade Federal de Santa Maria	bra	195	1993
Wen, Huiqing	Xi'an Jiaotong-Liverpool University	chn	141	2004
Ferreira, Fernando J.T.E.	University of Coimbra, Institute of Systems and Robotics	prt	97	2001
Mazzanti, Andrea	UCL	gbr	128	2001
Napoli, Ettore	Università degli Studi di Napoli Federico II	ita	135	1997
Jacobson, David M.	UCL	gbr	99	1970
Hoft, Richard G.	IEEE	twn	109	1968
Siripruchyanun, Montree	King Mongkut's University of Technology North Bangkok	tha	85	2000
Meribout, Mahmoud	Khalifa University of Science and Technology	are	87	1993
Chiang, S. J.	National United University Taiwan	twn	48	1993
Moo, Chin Sien	National Sun Yat-Sen University Taiwan	twn	144	1987
Hanselman, D. C.	University of Maine	usa	16	1986
Konstantinou, Georgios	University of New South Wales (UNSW) Australia	aus	137	2009
Wang, Bingsen	Michigan State University	usa	48	2003
Liao, Yuefeng	General Electric Company	usa	14	1992
Allen, Phillip E.	School of Electrical and Computer Engineering	usa	122	1972
Datta, Rajib	GE Global Research	usa	41	1998
Pertijs, Michiel A.P.	Delft University of Technology	nld	115	2001
He, Z. Y.	Chinese Academy of Sciences	chn	181	2005
Belega, Daniel	Universitatea Politehnica din Timisoara	rou	99	2000
Brambilla, A.	Politecnico di Milano	ita	129	1985
Pedersen, John K.	Aalborg Universitet	dnk	103	1990
Fanucci, Luca	Università di Pisa	ita	348	1996
Yao, Gang Qing	Yale School of Medicine	usa	117	1991
Friedli, Thomas	ABB Group	che	46	2006
Ericson, Terry	Ericson Innovations	usa	24	1998
Cantatore, Eugenio	Technische Universiteit Eindhoven	nld	127	1995
Rymarczyk, Tomasz	University of Economics and Innovation	pol	115	2008
Manic, Milos	Virginia Commonwealth University	usa	194	1999

Kibble, Bryan	Physikalisch-Technische Bundesanstalt	deu	96	1961
James, A. P.	Indian Institute of Information Technology and	ind	142	2005
Stenbakken, Gerard N.	National Institute of Standards and Technology	usa	61	1984
Empringham, Lee	University of Nottingham	gbr	127	1998
Mishra, Santanu Kumar	Indian Institute of Technology Kanpur	ind	107	2005
Finney, Stephen	University of Edinburgh	gbr	249	1992
Van De Plassche, R. J.	Broadcom Netherlands	nld	45	1971
Marignetti, Fabrizio	Universita di Cassino e del Lazio Meridionale	ita	151	1996
Wong, Ngai	The University of Hong Kong	hkg	184	2000
Kanaan, Hadi Y.	Saint Joseph University	lbn	190	2000
Davis, Donald D.	School of Electrical and Computer Engineering	usa	58	1980
Yang, Chih Kong Ken	University of California, Los Angeles	usa	111	1994
Phukpattaranont, Pornchai	Prince of Songkla University	tha	112	2001
Sahinoglu, M.	Troy University	usa	68	1980
Berg, Yngvar	Universitetet i Oslo	nor	181	1992
Mao, Hengchun	NetPower Technologies	usa	19	1991
She, Xu	GE Global Research	usa	69	2008
Yu, Wensong	NC State University	usa	113	2007
Vas, P.	University of Aberdeen	gbr	85	1975
Su, Zhiyi	China Electric Power Research Institute	chn	43	2002
Kang, Feel Soon	Hanbat National University	kor	68	2000
Kramer, Jörg	ETH Zürich	che	28	1991
Lu, Xiaonan	Temple University	usa	68	2008
Ångquist, L.	SCiBreak AB	swe	89	1991
Campbell, Kristy A.	Boise State University	usa	48	1997
Shuai, Zhikang	Hunan University	chn	139	2007
Hsieh, Guan Chyun	National Cheng Kung University	twn	87	1987
Tadeusiewicz, Michał	Lodz University of Technology	pol	86	1973
Radhakrishnan, Damu	State University of New York at New Paltz	usa	62	1985
Huang, Lipei	Tsinghua University	chn	161	1993
Halonen, Kari	Aalto University	fin	506	1986
Haslett, J. W.	University of Calgary	can	169	1969
Kameyama, Michitaka	Ishinomaki Senshu University	jpn	306	1975
Hua, Guichao	Inventronics (Hangzhou), Inc.	chn	36	1988
<b>Orabi, Mohamed</b>	<b>Aswan University</b>	<b>egy</b>	<b>213</b>	<b>2002</b>
Ishikuro, Hiroki	Keio University	jpn	176	1996
Silva, Cesar	Universidad Técnica Federico Santa María	chl	92	1999
Lai, Ching Ming	National Chung Hsing University	twn	99	2003
Cruz Serra, A.	Instituto Superior Técnico	prt	127	1990
Ilves, Kalle	ABB Corporate Research, Vasteras	swe	56	2009
Musavi, Fariborz	Washington State University Vancouver	usa	50	2002
Casper, Bryan	Intel Corporation	usa	61	1997
Lu, Bing	Texas Instruments	usa	29	2003
Jang, Do Hyun	Hoseo University	kor	20	1989
De La Rosa, Jose M.	University of Seville	esp	167	1988
Lee, Seungjin	Ewha Womans University	kor	184	1981
Nahid-Mobarakeh, Babak	Université de Lorraine	fra	214	2000
Fang, Yongjie	NARI Group Corporation	chn	80	1999
Tenhunen, Hannu	The Royal Institute of Technology (KTH)	swe	690	1984
El-Khazali, Reyad	Khalifa University of Science and Technology	are	44	1992
Zhang, Li	Hohai University	chn	144	2008
Liu, Jinjun	Xi'an Jiaotong University	chn	354	1997
Hiti, Silva	Electric Vehicles Faraday Future	usa	35	1990
Hackl, Christoph M.	Hochschule München	deu	116	2004

Yin, Wuliang	University of Manchester	gbr	198	1964
Sozer, Yilmaz	University of Akron	usa	244	1997
Liu, Bin Da	National Cheng Kung University	twn	279	1979
Zhang, Xing	Hefei University of Technology	chn	367	2001
Kim, Yong Bin	Northeastern University	usa	228	2001
Das, Rabindra	Lincoln Laboratory	usa	104	1998
De Vicuna, Luis Garcia	Universitat Politècnica de Catalunya	esp	137	1989
Stouraitis, Thanos	Panepistimion Patron	are	166	1985
Thrimawithana, Duleepa J.	University of Auckland	nzl	110	2005
Ramadass, Yogesh	Texas Instruments	usa	39	2004
Xue, Yaosuo	Oak Ridge National Laboratory	usa	84	2004
Azizur Rahman, M.	Memorial University of Newfoundland	can	17	1991
<b>Sabry, Mohamed Nabil</b>	<b>Mansoura University</b>	<b>egy</b>	<b>41</b>	<b>1982</b>
Yin, Xianggen	Huazhong University of Science and Technology	chn	486	1987
Itakura, Tetsuro	Toshiba Corporation	jpn	125	1987
Dehaene, Wim	KU Leuven	bel	307	1992
Leung, Bosco H.	University of Waterloo	can	69	1988
Doval-Gandoy, Jesus	Universidade de Vigo	esp	155	1999
Feely, Orla	University College Dublin	irl	110	1991
Beiranvand, R.	Tarbiat Modares University	irn	37	2010
Serdijn, Wouter A.	Delft University of Technology	nld	250	1992
Stoppa, David	ams AG	che	175	1997
Shahgholian, Ghazanfar	Islamic Azad University, Najafabad Branch	irn	114	2005
Han, Yehui	University of Wisconsin-Madison	usa	51	2002
Mawby, Philip	The University of Warwick	gbr	316	1987
Liu, Cheng Tsung	National Sun Yat-Sen University Taiwan	twn	150	1987
Zhu, Xiaoyong	Jiangsu University	chn	151	2005
Chang, Yuen Haw	Chaoyang University of Technology	twn	57	1995
Rech, Cassiano	Universidade Federal de Santa Maria	bra	119	1989
Mir, Sayeed	Delphi	usa	30	1992
Thanailakis, A.	Democritus University of Thrace	grc	179	1969
Bazzi, Ali M.	University of Connecticut	usa	87	2008
Kao, James	Intel Corporation	usa	16	1997
Xiu, Liming	Boe Technology Group	chn	36	1998
Wilson, Peter	University of Bath	gbr	123	1980
Lay-Ekuakille, Aime'	Universita del Salento	ita	270	2000
Friedrich, Guy	Sorbonne Universite	fra	89	1994
Wang, Zhiping	A-Star, Singapore Institute of Manufacturing T	sgp	140	1997
Chen, Oscar Tzyh Chiang	National Chung Cheng University	twn	153	1992
Yao, Zhilei	Yancheng Institute of Technology	chn	80	2006
He, Yigang	Wuhan University	chn	491	1996
Suul, Jon Are	Norges Teknisk-Naturvitenskapelige Universite	nor	94	2007
Kobayashi, Kevin W.	Sirenza Microdevices		43	1990
Norris, W. T.	Willingham and Co.	gbr	19	1964
Hikihara, Takashi	Kyoto University	jpn	206	1986
Rieder, Werner	Technische Universitat Wien	aut	71	1981
Vergura, Silvano	Università degli Studi di Bari	ita	81	2001
Gierkink, S.	Axiom IC Twente	nld	31	1994
Garcerá, Gabriel	Universitat Politècnica de València	esp	108	1996
Momeni, Omeed	University of California, Davis	usa	37	2007
Richelli, Anna	Università degli Studi di Brescia	ita	60	2001
Curély, Jacques	Université de Bordeaux	fra	46	1985
Fang, Jiayuan	Sigrity Inc.	usa	46	1987
Makowski, Marek S.	Gdańsk University of Technology	pol	12	1992

Park, Jung Wook	Yonsei University	kor	142	2002
De Feo, Oscar	Solianis Monitoring AG	che	35	1997
Ulrich, Rick	University of Arkansas - Fayetteville	usa	80	1983
Lu, Chih Wen	National Tsing Hua University	twn	75	1994
Declercq, Michel	Ecole Polytechnique Fédérale de Lausanne	che	165	1973
Lee, Hong Hee	Ulsan University	kor	242	2000
Afshari, E.	University of Michigan, Ann Arbor	usa	89	2003
Shen, Yi	Harbin Institute of Technology	chn	514	1988
Hu, Yihua	University of Liverpool	gbr	82	2005
Hofmann, W.	Technische Universität Dresden	deu	156	1992
Fujii, N.	Kyushu University	jpn	298	1968
Swingler, Jonathan	Heriot-Watt University, Edinburgh	gbr	65	1993
Alegria, Francisco	Instituto Superior Técnico	prt	74	1997
Mercier, Patrick P.	The Electrical and Computer Engineering Depa	usa	128	2005
Shea, John J.	Schneider Electric	usa	63	1984
Wu, Weimin	Shanghai Maritime University	chn	111	2001
Wrobel, Rafal	Newcastle University, United Kingdom	gbr	108	2000
Guo, Liping	Beijing Institute of Technology	chn	35	2001
Chiodo, Elio	Università degli Studi di Napoli Federico II	ita	81	1991
Unbehauen, Rolf	Friedrich-Alexander-Universität Erlangen-Nürnberg	deu	311	1964
Liu, Yushan	Beihang University	chn	88	2010
Dahidah, Mohamed S.A.	Newcastle University, United Kingdom	gbr	63	2003
Wanhammar, Lars	Linköpings universitet	swe	131	1979
Peretto, Lorenzo	Alma Mater Studiorum Università di Bologna	ita	158	1996
Sansoni, Giovanna	Università degli Studi di Brescia	ita	84	1979
Ponci, Ferdinanda	Rheinisch-Westfälische Technische Hochschule	deu	240	1999
Heldwein, Marcelo Lobo	Universidade Federal de Santa Catarina	bra	135	1999
Wilcox, D. J.	National University of Ireland Galway	irl	30	1973
Buticchi, Giampaolo	University of Nottingham Ningbo China	chn	185	2009
Pierce, Linden W.	General Electric Company	usa	13	1992
Onar, Omer C.	Oak Ridge National Laboratory	usa	76	2005
Chattohadhyay, Ajit K.	Indian Institute of Engineering Science and Tec	ind	96	1975
Duan, Shanxu	Huazhong University of Science and Technolog	chn	249	2000
Wolbank, Thomas	Technische Universität Wien	aut	173	1993
Kim, Balho H.	Hongik University	kor	51	1997
Morawski, Roman Z.	Politechnika Warszawska	pol	165	1982
Sim, Jae Yoon	Pohang University of Science and Technology	kor	207	1996
Murai, Yoshihiro	Gifu University	jpn	90	1971
Pamarti, Sudhakar	University of California, Los Angeles	usa	96	2003
Krzeminski, Zbigniew	Gdańsk University of Technology	pol	73	1985
Ferrari, P.	Università degli Studi di Brescia	ita	190	2001
Yepes, Alejandro G.	Universidade de Vigo	esp	85	2009
Uceda, J.	Universidad Politécnica de Madrid	esp	215	1983
Razik, Hubert	Université Claude Bernard Lyon 1	fra	117	1990
Yaramasu, Venkata	Northern Arizona University	usa	62	2010
Kim, Taehyung	University of Michigan-Dearborn	usa	66	2001
Reigosa, David Díaz	Universidad de Oviedo	esp	125	2005
Park, Ki Bum	ABB Corporate Research Center - Switzerland	che	82	1996
Yousefzadeh, Vahid	Cornell University	usa	33	2004
Ertl, H.	Technische Universität Wien	aut	89	1983
Theogarajan, Luke	University of California, Santa Barbara	usa	77	1996
Wenzel, Robert	Freescale Semiconductor	usa	35	1964
Kerdcharoen, Teerakiat	Mahidol University	tha	174	1992
Chang, M. F.	National Tsing Hua University	twn	166	1997

Wang, Zhao'An	Xi'an Jiaotong University	chn	330	1995
Lima, Antonio M.N.	Universidade Federal de Campina Grande	bra	334	1985
Degner, Michael W.	Ford Motor Company	usa	86	1994
Sabahi, Mehran	University of Tabriz	irn	177	2006
Natarajan, Arun S.	Oregon State University	usa	94	2005
Guglielmi, Paolo	Politecnico di Torino	ita	108	1998
Andreescu, Gheorghe Daniel	Universitatea Politehnica din Timisoara	rou	62	1998
Luan, Jing En	STMicroelectronics, Singapore	sgp	45	2003
Schaumann, Rolf	Portland State University	usa	115	1971
Dogaru, Radu	University Politehnica of Bucharest	rou	112	1994
Storace, Marco	Università degli Studi di Genova	ita	146	1994
Obrzut, Jan	National Institute of Standards and Technology	usa	87	1977
Chen, Yu	Huazhong University of Science and Technology	chn	167	2008
Kim, S.	Seoul National University	kor	154	1998
Hussein, Ala A.	University of Central Florida	usa	35	2009
Li, Xingwen	Xi'an Jiaotong University	chn	215	2002
Morris, Steven A.	Baker Hughes, a GE company	usa	32	1984
Strzelecki, Ryszard	Gdańsk University of Technology	pol	153	1985
Luna, Alvaro	Universitat Politècnica de Catalunya	esp	144	2005
Schofield, Nigel	University of Huddersfield	gbr	132	1996
Cristaldi, Loredana	Politecnico di Milano	ita	144	1992
Pires, Vitor Fernão	Instituto Politécnico de Setúbal	prt	219	1996
Misra, Devendra K.	University of Wisconsin-Milwaukee	usa	37	1978
Ebrahimi, B. M.	University of Tehran	irn	57	2006
Won, Chung Yuen	Sungkyunkwan University	kor	235	1987
Freschi, Fabio	Politecnico di Torino	ita	143	2004
Chang, Hsie Chia	National Chiao Tung University Taiwan	twn	123	1998
Regtien, Paul P.L.	University of Twente	nld	89	1976
Maneatis, John George	True Circuits, Inc.	usa	13	1993
Cocorullo, Giuseppe	Università della Calabria	ita	156	1984
Haigh, D. G.	UCL	gbr	140	1972
Bol, David	Université Catholique de Louvain	bel	104	2005
Karimi, Houshang	Polytechnique Montréal	can	71	2003
Tu, Demin	Xi'an Jiaotong University	chn	121	1982
Zheng, Chao	China Electric Power Research Institute	chn	77	2005
Ananda Mohan, P. V.	Centre for Development of Advanced Computing	ind	51	1975
Testa, Antonio	Università degli Studi di Messina	ita	175	1992
Kularatna, Nihal	University of Waikato	nzl	96	2002
Solsona, J. A.	Universidad Nacional del Sur	arg	112	1993
Philips, Kathleen	IMEC	nld	97	2000
Simutis, Rimvydas	Kaunas University of Technology	ltu	124	1986
Fisher, Michael E.	University of Western Australia	aus	34	1976
Matsui, Keiju	Minna-denryoku, Inc.	jpn	161	1975
Liu, Fangrui	Power Supply Inc.	can	45	2003
D'Arco, Salvatore	SINTEF Energi AS	nor	93	2003
Alarcón, Eduard	Universitat Politècnica de Catalunya	esp	295	1996
Ruderman, Alex	Nazarbayev University	kaz	77	2004
Asano, Kazutoshi	Yamagata University	jpn	82	1975
Wang, Hua	Georgia Institute of Technology	usa	127	2007
Prodanovic, Milan	Instituto IMDEA Energía	esp	79	2000
Wu, Jieh Tsorng	National Chiao Tung University Taiwan	twn	66	1988
Pitel, Ira J.	Magna-Power Electronics, Inc.	usa	51	1977
Pearson, Don E.	University of Essex	gbr	50	1976
Piskorowski, Jacek	West Pomeranian University of Technology, Sz	pol	59	2004

Capel, A.	European Space Agency Technology Center	nld	63	1972
Weaver, Wayne W.	Michigan Technological University	usa	87	2004
Piccolo, Antonio	Università di Salerno	ita	137	1996
Oleschuk, V.	Institute of Power Engineering of Moldova	mda	115	1994
Sutherland, Peter E.	GE Energy	usa	77	1994
Bevilacqua, Andrea	Università degli Studi di Padova	ita	101	2002
Fang, Zhi	Nanjing Tech University	chn	139	2002
Gupta, M. S.	Raytheon	usa	50	1970
Schlecht, Martin F.	Massachusetts Institute of Technology	usa	48	1980
Celanovic, Nikola Fischer	Typhoon HIL, GmbH	che	25	1996
Burroughs, Charles J.	National Institute of Standards and Technology	usa	102	1990
Su, David K.	Stanford University	usa	62	1993
Rossi, Giovanni Battista	Università degli Studi di Genova	ita	68	1987
Bulzacchelli, John F.	IBM Thomas J. Watson Research Center	usa	59	1992
Kušljevic, M. D.	Termoelektro Enel AD	srb	24	2004
Moreno-Munoz, Antonio	Universidad de Cordoba	esp	198	2002
Fletcher, John E.	University of New South Wales (UNSW) Australia	aus	217	1994
Khoury, John	Silicon Laboratories	usa	36	1984
Kondo, Kazuo	Okayama University	jpn	58	1988
Lee, Kang	National Institute of Standards and Technology	usa	34	1997
Jeon, Seong Jeub	Pukyong National University	kor	34	1997
Sheu, Bing J.	Taiwan Semiconductor Manufacturing Company	twn	197	1983
Chen, Ke Horng	National Chiao Tung University Taiwan	twn	275	1997
Ma, Hongtao	Lightera Corporation	usa	31	2004
Kulworawanichpong, Thanatch	Suranaree University of Technology	tha	125	2002
Huang, Chao Tsung	National Tsing Hua University	twn	55	2002
Gao, Feng	Shandong University	chn	93	2001
Gao, Zonghe	NARI Technology Co. Ltd.	chn	58	2001
Mirabbasi, Shahriar	The University of British Columbia	can	220	1996
Catelani, M.	Università degli Studi di Firenze	ita	211	1986
Stack, Jason	Office of Naval Research	usa	34	2002
Chu, Chia Chi	National Tsing Hua University	twn	151	1991
Norgia, Michele	Politecnico di Milano	ita	173	1997
Zhang, Zhe	Huazhong University of Science and Technology	chn	225	1986
Franceschini, Giovanni	Università degli Studi di Modena e Reggio Emilia	ita	131	1989
Boni, Andrea	Università degli Studi di Parma	ita	67	1994
Savaghebi, Mehdi	Syddansk Universitet	dnk	137	2007
Leidhold, Roberto	Otto von Guericke University of Magdeburg	deu	87	1998
Zeng, Xiangjun	Changsha University of Science and Technology	chn	240	1998
Rofougaran, Ahmadreza	Broadcom Inc., San Jose	usa	70	1988
Ho, Ron	Intel Corporation	usa	110	1998
Kim, Jonghoon	Chungnam National University	kor	149	1998
Yoo, Jerald	National University of Singapore	sgp	70	2006
Pratt, J. R.	National Institute of Standards and Technology	usa	127	1996
Turnbull, Robert J.	University of Illinois at Urbana-Champaign	usa	40	1968
Jian, Linni	Southern University of Science and Technology	chn	65	2007
Rahmani, S.	University of Tunis El Manar	tun	90	2002
Patterson, Dean	Regal Beloit Corp.	aus	72	1990
Je, Minkyu	Korea Advanced Institute of Science & Technology	kor	250	1998
Shao, Jianwen	STMicroelectronics	usa	17	2002
Hsu, John S.	Oak Ridge National Laboratory	usa	32	1988
Cao, Dong	North Dakota State University	usa	72	2008
Chern, Tzuen Lih	National Sun Yat-Sen University Taiwan	twn	37	1991
Grantham, C.	University of New South Wales (UNSW) Australia	aus	105	1975



Campet, Guy	Université de Bordeaux	fra	155	1974
Arseneau, Rejean	National Research Council Canada	can	64	1982
Zeng, Zheng	Chongqing University	chn	100	2010
Stone, D. A.	University of Sheffield	gbr	244	1992
Niclass, Cristiano	Toyota Central Research Development Laborat	jpn	47	2003
Wright, Paul S.	National Physical Laboratory	gbr	87	1994
Kapat, Santanu	Indian Institute of Technology Kharagpur	ind	61	2008
Deng, Zhiquan	Nanjing University of Aeronautics and Astrona	chn	281	1997
Masmoudi, Ahmed	Universita di Cassino e del Lazio Meridionale	ita	181	1993
Yang, Shih Chin	National Taiwan University	twn	54	2007
Vlach, J.	University of Waterloo	can	149	1967
Paul, Dev	AECOM Technology Corporation	usa	49	1987
Iwasaki, Makoto	Nagoya Institute of Technology	jpn	274	1988
Ceballos, Salvador	TECNALIA	esp	118	2005
Gualous, Hamid	LUSAC · Laboratoire Universitaire des Science	fra	149	1994
Asai, Hiromitsu	Nippon Telegraph and Telephone Corporation	jpn	50	1981
Yu, Pak Lam	Massey University Manawatu	nzl	93	1986
Wang, ZANJI	Tsinghua University	chn	128	1991
Farzanehfard, Hosein	Isfahan University of Technology	irn	166	1987
Das, Sunil R.	Troy University	usa	181	1964
Natori, Kenji	Chiba University	jpn	60	2004
Seok, Jul Ki	Yeungnam University	kor	96	1995
Dhople, Sairaj V.	University of Minnesota	usa	98	2009
Villalva, Marcelo G.	Universidade Estadual de Campinas	bra	69	2003
Wentzloff, David D.	University of Michigan, Ann Arbor	usa	119	2002
Riera-Guasp, M.	Universitat Politècnica de València	esp	90	1985
Wu, Mingli	Beijing Jiaotong University	chn	87	2000
Flowers, George T.	Auburn University	usa	220	1988
Barbosa, Peter	Medium Voltage Drives	twn	39	1996
Liu, Bangyin	Huazhong University of Science and Technolo	chn	85	2004
Lee, Dong Hee	Kyungshung University	kor	172	2003
Geng, Hua	Tsinghua University	chn	140	2004
Hsu, Cheng Ting	Southern Taiwan University of Technology	twn	85	1993
Oraee, Hashem	Sharif University of Technology	irn	110	1984
Park, In Cheol	Korea Advanced Institute of Science & Techno	kor	221	1988
Cupertino, Francesco	Politecnico di Bari	ita	138	1998
Bai, Hua	The University of Tennessee, Knoxville	usa	98	2003
Cooke, C.	Massachusetts Institute of Technology	usa	67	1972
Zhang, Ran Feng	Changchun Institute of Optics Fine Mechanics	chn	150	1982
Yan, Yangguang	Nanjing University of Aeronautics and Astrona	chn	302	1992
Cho, Gyu Hyeong	Korea Advanced Institute of Science & Techno	kor	335	1983
Xiao, Huafeng	Southeast University, Nanjing	chn	50	2005
Li, Bin	Tianjin University	chn	160	2002
Flynn, Anita	MicroPropulsion Corporation	usa	21	1987
Dusmez, Serkan	Texas Instruments	usa	62	2010
Ma, Chengbin	Shanghai Jiao Tong University	chn	107	2002
Diallo, Demba	Universite Paris-Saclay	fra	129	2000
Tallam, Rangarajan	Rockwell Automation Headquarters	usa	62	2000
Corradini, Luca	Università degli Studi di Padova	ita	84	2006
Wu, An Yeu	National Taiwan University	twn	270	1993
Umans, S. D.	Department of Electrical Engineering and Com	usa	57	1978
Kim, Jang Mok	Pusan National University	kor	145	1995
Cirstea, Marcian	Anglia Ruskin University	gbr	96	1997
Stumper, U.	Physikalisch-Technische Bundesanstalt	deu	62	1973

Eren, Levent	Izmir Ekonomi Universitesi	tur	32	1999
Li, Jianlin	North China University of Technology	chn	125	2003
Youssef, Mohamed Z.	Ontario Tech University	can	109	2003
Liang, Yung C.	National University of Singapore	sgp	147	1988
Swamy, Mahesh	Yaskawa Electric America, Inc.	usa	68	1988
Grotstollen, Horst	Universität Paderborn	deu	84	1968
Chen, Dan	National Taiwan University	twn	160	1972
Guan, Minyuan	State Grid Zhejiang Electric Power Company	chn	30	2009
Lee, Byoung Kuk	Sungkyunkwan University	kor	245	1996
Chen, Changsong	Huazhong University of Science and Technology	chn	62	2009
Canales, Francisco	ABB Corporate Research Center - Switzerland	che	91	1994
Agarwal, Amit	Intel Corporation	usa	81	2001
Mahattanakul, Jirayuth	Mahanakorn University of Technology	tha	49	1995
Zhu, Lizhi	Ballard Power Systems	usa	10	1998
Wang, Xue	Tsinghua University	chn	125	2005
Shoucair, F. S.	University of California, Berkeley	usa	26	1984
Jeong, Deog Kyoon	Seoul National University	kor	257	1987
Shaw, Steven R.	Montana State University	usa	51	1994
Berkhout, Marco	NXP Semiconductors	nld	20	2002
Kim, Hyongsuk	Jeonbuk National University	kor	131	1994
Statz, H.	Raytheon		57	1950
Veendrick, Harry	NXP Semiconductors	nld	25	1980
Han, Zhenxiang	Zhejiang University	chn	119	1989
Jewell, G. W.	University of Sheffield	gbr	127	1990
Pai, Fu Sheng	National University of Tainan Taiwan	twn	34	2000
Wu, Enboa	Hong Kong Applied Science and Technology R	hkg	49	1990
Amirtharajah, Rajeevan	University of California, Davis	usa	73	1995
Wallace, Alan K.	Oregon State University	usa	108	1987
Weiner, J.	Nokia Bell Labs	usa	102	1985
Choi, Ui Min	Seoul National University of Science and Tech	kor	48	2011
Liu, Pei	State Grid Yantai Power Supply Company	chn	168	1991
Uezato, Katsumi	University of the Ryukyus	jpn	205	1978
Fei, Wei Zhong	Zhejiang University	chn	64	2001
Takeda, Yoji	Osaka Prefecture University	jpn	145	1983
Wu, Jinn Chang	National Kaohsiung University of Science and	twn	72	1993
Chiueh, Tzi Dar	National Taiwan University	twn	179	1987
Rocabert, Joan	Universitat Politècnica de Catalunya	esp	74	2004
Chang, Liuchen	University of New Brunswick	can	229	2002
Chen, Wei	Fuzhou University	chn	189	2001
Gasperi, Michael L.	Rockwell Automation Headquarters	usa	14	1983
Kim, Joohn Sheok	Incheon National University	kor	28	1993
Finley, William R.	Siemens Industry, Inc.	usa	43	1990
Tipsuwan, Y.	Kasetsart University	tha	36	1999
Xu, David	Ryerson University	can	115	2002
Jiang, Daozhuo	Zhejiang University	chn	165	1999
Poynton, Charles A.	Sun Microsystems	can	21	1992
Liang, Yiqiao	Zhejiang University	chn	47	1998
Alepuz, Salvador	Universitat Pompeu Fabra Barcelona	esp	52	1999
Yao, Kaiwei	Monolithic Power Systems	usa	35	1997
Hamer, W. J.	National Institute of Standards and Technology	usa	12	1933
Axelrod, Boris	Holon Institute of Technology	isr	50	1996
Roulston, David J.	University of Oxford	gbr	164	1963
Jammes, François	Schneider Electric	fra	27	2004
Luttrell, S. P.	QinetiQ	gbr	42	1985

Vlastos, Antonios E.	ABB Group, Sweden	swe	60	1967
Bhardwaj, Manish	KIET Group of Institutions	ind	28	2000
Karanicolas, Andrew N.	Nokia Bell Labs	usa	10	1990
Katehi, P. B.	University of Michigan, Ann Arbor	usa	53	1980
Sun, Li	Harbin Institute of Technology	chn	180	2000
Antonopoulos, Antonios	Norges Teknisk-Naturvitenskapelige Universitet	nor	37	2009
Johns, David A.	University of Toronto	can	122	1987
Palma, L.	Universidad de Concepcion	chl	36	2000
Hazucha, Peter	Intel Corporation	usa	35	1998
Lauritzen, Peter O.	University of Washington, Seattle	usa	64	1962
Tang, Yu	Hebei University of Technology	chn	83	2005
Banu, Mihai	Blue Danube Systems	usa	55	1982
Foo, Gilbert Hock Beng	Auckland University of Technology	nzl	84	2007
Zhan, C.	Alstom UK	gbr	24	1998
Moglestue, C.	SFA, Inc	usa	50	1979
Kheraluwala, Mustansir	United Technology Aerospace Systems	usa	27	1987
Tan, Yen Kheng	Singapore University of Technology and Design	sgp	36	2004
Brumsickle, William E.	Soft Switching Technologies Corp	usa	19	1996
Geelen, Govert J.G.M.	Aquantia	nld	21	1990
Davies, Anthony	King's College London	gbr	25	1992
Shammas, Noel Y.A.	Staffordshire University	gbr	65	1986
Kuttner, Franz	Intel Austria GmbH	aut	34	1990
Figueres, Emilio	Universitat Politècnica de València	esp	101	1998
Munoz, Alfredo R.	Ford Motor Company	usa	13	1994
Schuster, Stanley E.	IBM Thomas J. Watson Research Center	usa	47	1973
Shin, Hwi Beom	Gyeongsang National University	kor	29	1987
Laughton, M. A.	University of London	gbr	61	1964

lastyr	c score	Subject Field	Rank within field	Total authors within field	Rank %
2019	4.761702032	Electrical & Electronic Engineering	1	87611	0.001141409
2019	4.729923152	Electrical & Electronic Engineering	2	87611	0.002282818
2020	4.69700108	Electrical & Electronic Engineering	3	87611	0.003424228
2019	4.459654741	Electrical & Electronic Engineering	4	87611	0.004565637
2020	4.415231592	Electrical & Electronic Engineering	5	87611	0.005707046
2020	4.354356176	Electrical & Electronic Engineering	6	87611	0.006848455
2020	4.313567462	Electrical & Electronic Engineering	7	87611	0.007989864
2020	4.311754825	Electrical & Electronic Engineering	8	87611	0.009131273
2020	4.310624568	Electrical & Electronic Engineering	9	87611	0.010272683
2020	4.287747559	Electrical & Electronic Engineering	10	87611	0.011414092
2020	4.245035113	Electrical & Electronic Engineering	11	87611	0.012555501
2019	4.232997679	Electrical & Electronic Engineering	12	87611	0.01369691
2020	4.229362607	Electrical & Electronic Engineering	13	87611	0.014838319
2018	4.224293044	Electrical & Electronic Engineering	14	87611	0.015979729
2020	4.217844042	Electrical & Electronic Engineering	15	87611	0.017121138
2020	4.208708942	Electrical & Electronic Engineering	16	87611	0.018262547
2020	4.203716701	Electrical & Electronic Engineering	17	87611	0.019403956
2020	4.190740733	Electrical & Electronic Engineering	18	87611	0.020545365
2019	4.183954896	Electrical & Electronic Engineering	19	87611	0.021686774
2020	4.176097447	Electrical & Electronic Engineering	20	87611	0.022828184
2020	4.169401697	Electrical & Electronic Engineering	21	87611	0.023969593
2020	4.145910133	Electrical & Electronic Engineering	22	87611	0.025111002
2019	4.14290227	Electrical & Electronic Engineering	23	87611	0.026252411
2017	4.135627941	Electrical & Electronic Engineering	24	87611	0.02739382
2019	4.134849466	Electrical & Electronic Engineering	25	87611	0.02853523
2020	4.131011825	Electrical & Electronic Engineering	26	87611	0.029676639
2019	4.128467898	Electrical & Electronic Engineering	27	87611	0.030818048
2020	4.128336725	Electrical & Electronic Engineering	28	87611	0.031959457
2020	4.125402868	Electrical & Electronic Engineering	29	87611	0.033100866
2020	4.115330412	Electrical & Electronic Engineering	30	87611	0.034242276
2020	4.105681949	Electrical & Electronic Engineering	31	87611	0.035383685
2020	4.097397487	Electrical & Electronic Engineering	32	87611	0.036525094
2020	4.086233173	Electrical & Electronic Engineering	33	87611	0.037666503
2020	4.085650127	Electrical & Electronic Engineering	34	87611	0.038807912
2020	4.080064486	Electrical & Electronic Engineering	35	87611	0.039949321
<b>2020</b>	<b>4.078544283</b>	<b>Electrical &amp; Electronic Engineering</b>	<b>36</b>	<b>87611</b>	<b>0.041090731</b>
2020	4.076040448	Electrical & Electronic Engineering	37	87611	0.04223214
2019	4.070155981	Electrical & Electronic Engineering	38	87611	0.043373549
2019	4.057541556	Electrical & Electronic Engineering	39	87611	0.044514958
2020	4.056244859	Electrical & Electronic Engineering	40	87611	0.045656367
2020	4.05054096	Electrical & Electronic Engineering	41	87611	0.046797777
2020	4.047617211	Electrical & Electronic Engineering	42	87611	0.047939186
2019	4.044490278	Electrical & Electronic Engineering	43	87611	0.049080595
2020	4.029340173	Electrical & Electronic Engineering	44	87611	0.050222004
2020	4.018538981	Electrical & Electronic Engineering	45	87611	0.051363413
2020	4.017835122	Electrical & Electronic Engineering	46	87611	0.052504822
2020	4.017117375	Electrical & Electronic Engineering	47	87611	0.053646232
2020	4.01035505	Electrical & Electronic Engineering	48	87611	0.054787641
2020	4.003643557	Electrical & Electronic Engineering	49	87611	0.05592905
2020	3.998677875	Electrical & Electronic Engineering	50	87611	0.057070459
2020	3.991090279	Electrical & Electronic Engineering	51	87611	0.058211868
2020	3.973496893	Electrical & Electronic Engineering	52	87611	0.059353278

2017	3.965668523	Electrical & Electronic Engineering	53	87611	0.060494687
2019	3.956290057	Electrical & Electronic Engineering	54	87611	0.061636096
2020	3.95358495	Electrical & Electronic Engineering	55	87611	0.062777505
2017	3.934956671	Electrical & Electronic Engineering	56	87611	0.063918914
2020	3.934397671	Electrical & Electronic Engineering	57	87611	0.065060323
2019	3.93318488	Electrical & Electronic Engineering	58	87611	0.066201733
2020	3.930765278	Electrical & Electronic Engineering	59	87611	0.067343142
2020	3.923466131	Electrical & Electronic Engineering	60	87611	0.068484551
2020	3.922652188	Electrical & Electronic Engineering	61	87611	0.06962596
2020	3.91979819	Electrical & Electronic Engineering	62	87611	0.070767369
2018	3.915957374	Electrical & Electronic Engineering	63	87611	0.071908779
2019	3.9158977	Electrical & Electronic Engineering	64	87611	0.073050188
2020	3.903230944	Electrical & Electronic Engineering	65	87611	0.074191597
2019	3.896420069	Electrical & Electronic Engineering	66	87611	0.075333006
2019	3.885663162	Electrical & Electronic Engineering	67	87611	0.076474415
2020	3.879480645	Electrical & Electronic Engineering	68	87611	0.077615824
2019	3.875864768	Electrical & Electronic Engineering	69	87611	0.078757234
2019	3.871062527	Electrical & Electronic Engineering	70	87611	0.079898643
2020	3.867016636	Electrical & Electronic Engineering	71	87611	0.081040052
2020	3.866171056	Electrical & Electronic Engineering	72	87611	0.082181461
2019	3.865925615	Electrical & Electronic Engineering	73	87611	0.08332287
2020	3.865513415	Electrical & Electronic Engineering	74	87611	0.08446428
2018	3.865417111	Electrical & Electronic Engineering	75	87611	0.085605689
2020	3.861068344	Electrical & Electronic Engineering	76	87611	0.086747098
2020	3.857075075	Electrical & Electronic Engineering	77	87611	0.087888507
2020	3.852962569	Electrical & Electronic Engineering	78	87611	0.089029916
2020	3.85143127	Electrical & Electronic Engineering	79	87611	0.090171326
2011	3.850148338	Electrical & Electronic Engineering	80	87611	0.091312735
2019	3.84653404	Electrical & Electronic Engineering	81	87611	0.092454144
2020	3.843200407	Electrical & Electronic Engineering	82	87611	0.093595553
2020	3.839606864	Electrical & Electronic Engineering	83	87611	0.094736962
2020	3.836052017	Electrical & Electronic Engineering	84	87611	0.095878371
2020	3.828629889	Electrical & Electronic Engineering	85	87611	0.097019781
2020	3.819971417	Electrical & Electronic Engineering	86	87611	0.09816119
2020	3.819144435	Electrical & Electronic Engineering	87	87611	0.099302599
2020	3.814390884	Electrical & Electronic Engineering	88	87611	0.100444008
2001	3.813327612	Electrical & Electronic Engineering	89	87611	0.101585417
2018	3.811540805	Electrical & Electronic Engineering	90	87611	0.102726827
2020	3.810794396	Electrical & Electronic Engineering	91	87611	0.103868236
2019	3.805483097	Electrical & Electronic Engineering	92	87611	0.105009645
2020	3.805448377	Electrical & Electronic Engineering	93	87611	0.106151054
2020	3.802932369	Electrical & Electronic Engineering	94	87611	0.107292463
2020	3.801001048	Electrical & Electronic Engineering	95	87611	0.108433872
2014	3.800813032	Electrical & Electronic Engineering	96	87611	0.109575282
2019	3.796562343	Electrical & Electronic Engineering	97	87611	0.110716691
2019	3.795010869	Electrical & Electronic Engineering	98	87611	0.1118581
2019	3.792833806	Electrical & Electronic Engineering	99	87611	0.112999509
2019	3.790652142	Electrical & Electronic Engineering	100	87611	0.114140918
2020	3.787367594	Electrical & Electronic Engineering	101	87611	0.115282328
2014	3.781326342	Electrical & Electronic Engineering	102	87611	0.116423737
2018	3.780810817	Electrical & Electronic Engineering	103	87611	0.117565146
2020	3.778781136	Electrical & Electronic Engineering	104	87611	0.118706555
2020	3.776042648	Electrical & Electronic Engineering	105	87611	0.119847964
2020	3.775698798	Electrical & Electronic Engineering	106	87611	0.120989373

2020	3.774632855	Electrical & Electronic Engineering	107	87611	0.122130783
2020	3.766241333	Electrical & Electronic Engineering	108	87611	0.123272192
2020	3.752604046	Electrical & Electronic Engineering	109	87611	0.124413601
2020	3.751560899	Electrical & Electronic Engineering	110	87611	0.12555501
2020	3.751499681	Electrical & Electronic Engineering	111	87611	0.126696419
2020	3.750417664	Electrical & Electronic Engineering	112	87611	0.127837829
2019	3.749209433	Electrical & Electronic Engineering	113	87611	0.128979238
2016	3.748097527	Electrical & Electronic Engineering	114	87611	0.130120647
1998	3.7454716	Electrical & Electronic Engineering	115	87611	0.131262056
2020	3.744889084	Electrical & Electronic Engineering	116	87611	0.132403465
2020	3.743784513	Electrical & Electronic Engineering	117	87611	0.133544875
2020	3.742703424	Electrical & Electronic Engineering	118	87611	0.134686284
2017	3.741090788	Electrical & Electronic Engineering	119	87611	0.135827693
2020	3.739500597	Electrical & Electronic Engineering	120	87611	0.136969102
2019	3.734829758	Electrical & Electronic Engineering	121	87611	0.138110511
2019	3.732832096	Electrical & Electronic Engineering	122	87611	0.13925192
2019	3.726018933	Electrical & Electronic Engineering	123	87611	0.14039333
2020	3.725442483	Electrical & Electronic Engineering	124	87611	0.141534739
2020	3.722895404	Electrical & Electronic Engineering	125	87611	0.142676148
2015	3.716754996	Electrical & Electronic Engineering	126	87611	0.143817557
2017	3.716091002	Electrical & Electronic Engineering	127	87611	0.144958966
2019	3.710419945	Electrical & Electronic Engineering	128	87611	0.146100376
2019	3.708356881	Electrical & Electronic Engineering	129	87611	0.147241785
2019	3.707776958	Electrical & Electronic Engineering	130	87611	0.148383194
2018	3.707452828	Electrical & Electronic Engineering	131	87611	0.149524603
2020	3.701480315	Electrical & Electronic Engineering	132	87611	0.150666012
2020	3.698172866	Electrical & Electronic Engineering	133	87611	0.151807421
2019	3.697073152	Electrical & Electronic Engineering	134	87611	0.152948831
2020	3.697042646	Electrical & Electronic Engineering	135	87611	0.15409024
2020	3.693863358	Electrical & Electronic Engineering	136	87611	0.155231649
2012	3.691362201	Electrical & Electronic Engineering	137	87611	0.156373058
2016	3.690118057	Electrical & Electronic Engineering	138	87611	0.157514467
2020	3.68939261	Electrical & Electronic Engineering	139	87611	0.158655877
2020	3.687033869	Electrical & Electronic Engineering	140	87611	0.159797286
2020	3.685657241	Electrical & Electronic Engineering	141	87611	0.160938695
2020	3.684235452	Electrical & Electronic Engineering	142	87611	0.162080104
2020	3.682353637	Electrical & Electronic Engineering	143	87611	0.163221513
2015	3.680980465	Electrical & Electronic Engineering	144	87611	0.164362922
2019	3.678643109	Electrical & Electronic Engineering	145	87611	0.165504332
2017	3.678550856	Electrical & Electronic Engineering	146	87611	0.166645741
2020	3.676891254	Electrical & Electronic Engineering	147	87611	0.16778715
2020	3.675690194	Electrical & Electronic Engineering	148	87611	0.168928559
2019	3.67114978	Electrical & Electronic Engineering	149	87611	0.170069968
2019	3.669337931	Electrical & Electronic Engineering	150	87611	0.171211378
2020	3.666622478	Electrical & Electronic Engineering	151	87611	0.172352787
2017	3.666418671	Electrical & Electronic Engineering	152	87611	0.173494196
2019	3.665964016	Electrical & Electronic Engineering	153	87611	0.174635605
2020	3.665951536	Electrical & Electronic Engineering	154	87611	0.175777014
2020	3.662394368	Electrical & Electronic Engineering	155	87611	0.176918423
2019	3.661102534	Electrical & Electronic Engineering	156	87611	0.178059833
2020	3.660800105	Electrical & Electronic Engineering	157	87611	0.179201242
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2012	3.657943561	Electrical & Electronic Engineering	159	87611	0.18148406
2020	3.65714609	Electrical & Electronic Engineering	160	87611	0.182625469



2020	3.656545571	Electrical & Electronic Engineering	161	87611	0.183766879
2020	3.655955897	Electrical & Electronic Engineering	162	87611	0.184908288
2019	3.655788063	Electrical & Electronic Engineering	163	87611	0.186049697
2019	3.653640065	Electrical & Electronic Engineering	164	87611	0.187191106
2020	3.649175678	Electrical & Electronic Engineering	165	87611	0.188332515
2019	3.648670819	Electrical & Electronic Engineering	166	87611	0.189473925
2018	3.645352305	Electrical & Electronic Engineering	167	87611	0.190615334
2020	3.645293332	Electrical & Electronic Engineering	168	87611	0.191756743
2020	3.641360976	Electrical & Electronic Engineering	169	87611	0.192898152
2017	3.639190234	Electrical & Electronic Engineering	170	87611	0.194039561
2020	3.637357979	Electrical & Electronic Engineering	171	87611	0.19518097
2020	3.63587375	Electrical & Electronic Engineering	172	87611	0.19632238
2020	3.634905866	Electrical & Electronic Engineering	173	87611	0.197463789
2020	3.631696771	Electrical & Electronic Engineering	174	87611	0.198605198
2020	3.626152324	Electrical & Electronic Engineering	175	87611	0.199746607
2013	3.623295487	Electrical & Electronic Engineering	176	87611	0.200888016
2020	3.622040375	Electrical & Electronic Engineering	177	87611	0.202029426
2020	3.61931664	Electrical & Electronic Engineering	178	87611	0.203170835
2020	3.618680495	Electrical & Electronic Engineering	179	87611	0.204312244
2016	3.617583878	Electrical & Electronic Engineering	180	87611	0.205453653
2020	3.61713374	Electrical & Electronic Engineering	181	87611	0.206595062
2019	3.616849539	Electrical & Electronic Engineering	182	87611	0.207736471
2020	3.616763353	Electrical & Electronic Engineering	183	87611	0.208877881
2011	3.615515408	Electrical & Electronic Engineering	184	87611	0.21001929
2019	3.612828154	Electrical & Electronic Engineering	185	87611	0.211160699
2018	3.609944079	Electrical & Electronic Engineering	186	87611	0.212302108
2019	3.608123254	Electrical & Electronic Engineering	187	87611	0.213443517
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2020	3.605685518	Electrical & Electronic Engineering	189	87611	0.215726336
2020	3.603324384	Electrical & Electronic Engineering	190	87611	0.216867745
2020	3.60192084	Electrical & Electronic Engineering	191	87611	0.218009154
2019	3.601718487	Electrical & Electronic Engineering	192	87611	0.219150563
<b>2020</b>	<b>3.598731738</b>	<b>Electrical &amp; Electronic Engineering</b>	<b>193</b>	<b>87611</b>	<b>0.220291972</b>
2019	3.597573632	Electrical & Electronic Engineering	194	87611	0.221433382
2019	3.596280531	Electrical & Electronic Engineering	195	87611	0.222574791
2020	3.595672048	Electrical & Electronic Engineering	196	87611	0.2237162
2020	3.591176218	Electrical & Electronic Engineering	197	87611	0.224857609
2019	3.588749479	Electrical & Electronic Engineering	198	87611	0.225999018
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2019	3.566415329	Electrical & Electronic Engineering	213	87611	0.243120156
2020	3.56617947	Electrical & Electronic Engineering	214	87611	0.244261565

2018	3.563263665	Electrical & Electronic Engineering	215	87611	0.245402975
2020	3.563208493	Electrical & Electronic Engineering	216	87611	0.246544384
2020	3.562633021	Electrical & Electronic Engineering	217	87611	0.247685793
2020	3.562627829	Electrical & Electronic Engineering	218	87611	0.248827202
2019	3.562216717	Electrical & Electronic Engineering	219	87611	0.249968611
2020	3.561211167	Electrical & Electronic Engineering	220	87611	0.25111002
2020	3.560354948	Electrical & Electronic Engineering	221	87611	0.25225143
2019	3.558699413	Electrical & Electronic Engineering	222	87611	0.253392839
2019	3.558241889	Electrical & Electronic Engineering	223	87611	0.254534248
2020	3.557815093	Electrical & Electronic Engineering	224	87611	0.255675657
2020	3.555035866	Electrical & Electronic Engineering	225	87611	0.256817066
2019	3.554975947	Electrical & Electronic Engineering	226	87611	0.257958476
2019	3.553666476	Electrical & Electronic Engineering	227	87611	0.259099885
2020	3.551483933	Electrical & Electronic Engineering	228	87611	0.260241294
2020	3.550371011	Electrical & Electronic Engineering	229	87611	0.261382703
2017	3.547420109	Electrical & Electronic Engineering	230	87611	0.262524112
2019	3.546168271	Electrical & Electronic Engineering	231	87611	0.263665521
2000	3.539602741	Electrical & Electronic Engineering	232	87611	0.264806931
2019	3.537121852	Electrical & Electronic Engineering	233	87611	0.26594834
2019	3.536268769	Electrical & Electronic Engineering	234	87611	0.267089749
2014	3.535876787	Electrical & Electronic Engineering	235	87611	0.268231158
2020	3.534788039	Electrical & Electronic Engineering	236	87611	0.269372567
2017	3.534545612	Electrical & Electronic Engineering	237	87611	0.270513977
2020	3.534129656	Electrical & Electronic Engineering	238	87611	0.271655386
2007	3.533803081	Electrical & Electronic Engineering	239	87611	0.272796795
2019	3.532999651	Electrical & Electronic Engineering	240	87611	0.273938204
2020	3.532367788	Electrical & Electronic Engineering	241	87611	0.275079613
2019	3.532213579	Electrical & Electronic Engineering	242	87611	0.276221022
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2019	3.528028883	Electrical & Electronic Engineering	248	87611	0.283069478
2019	3.527199039	Electrical & Electronic Engineering	249	87611	0.284210887
2020	3.526102509	Electrical & Electronic Engineering	250	87611	0.285352296
2019	3.524157837	Electrical & Electronic Engineering	251	87611	0.286493705
2020	3.523918323	Electrical & Electronic Engineering	252	87611	0.287635114
2020	3.521710045	Electrical & Electronic Engineering	253	87611	0.288776523
2020	3.520498442	Electrical & Electronic Engineering	254	87611	0.289917933
2020	3.519599332	Electrical & Electronic Engineering	255	87611	0.291059342
2019	3.518570137	Electrical & Electronic Engineering	256	87611	0.292200751
2020	3.518361625	Electrical & Electronic Engineering	257	87611	0.29334216
2020	3.517791845	Electrical & Electronic Engineering	258	87611	0.294483569
2020	3.515806727	Electrical & Electronic Engineering	259	87611	0.295624979
2019	3.509617583	Electrical & Electronic Engineering	260	87611	0.296766388
2020	3.507871487	Electrical & Electronic Engineering	261	87611	0.297907797
2020	3.507407686	Electrical & Electronic Engineering	262	87611	0.299049206
2020	3.506295119	Electrical & Electronic Engineering	263	87611	0.300190615
2020	3.504232819	Electrical & Electronic Engineering	264	87611	0.301332025
2017	3.502082221	Electrical & Electronic Engineering	265	87611	0.302473434
2017	3.502058631	Electrical & Electronic Engineering	266	87611	0.303614843
2020	3.498639683	Electrical & Electronic Engineering	267	87611	0.304756252
2019	3.494990135	Electrical & Electronic Engineering	268	87611	0.305897661



2020	3.494492397	Electrical & Electronic Engineering	269	87611	0.30703907
2020	3.488744534	Electrical & Electronic Engineering	270	87611	0.30818048
2020	3.48797358	Electrical & Electronic Engineering	271	87611	0.309321889
2020	3.487412238	Electrical & Electronic Engineering	272	87611	0.310463298
2018	3.482867365	Electrical & Electronic Engineering	273	87611	0.311604707
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2009	3.481423408	Electrical & Electronic Engineering	275	87611	0.313887526
2020	3.479445951	Electrical & Electronic Engineering	276	87611	0.315028935
2018	3.47883799	Electrical & Electronic Engineering	277	87611	0.316170344
2020	3.476568024	Electrical & Electronic Engineering	278	87611	0.317311753
2020	3.475088543	Electrical & Electronic Engineering	279	87611	0.318453162
2020	3.471947666	Electrical & Electronic Engineering	280	87611	0.319594571
2020	3.469341447	Electrical & Electronic Engineering	281	87611	0.320735981
2020	3.46868138	Electrical & Electronic Engineering	282	87611	0.32187739
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2019	3.46703076	Electrical & Electronic Engineering	284	87611	0.324160208
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2020	3.465943897	Electrical & Electronic Engineering	286	87611	0.326443027
2019	3.465503756	Electrical & Electronic Engineering	287	87611	0.327584436
2020	3.462957611	Electrical & Electronic Engineering	288	87611	0.328725845
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2017	3.461081196	Electrical & Electronic Engineering	290	87611	0.331008663
2017	3.459560257	Electrical & Electronic Engineering	291	87611	0.332150072
2020	3.459518034	Electrical & Electronic Engineering	292	87611	0.333291482
2020	3.45817083	Electrical & Electronic Engineering	293	87611	0.334432891
2020	3.456383017	Electrical & Electronic Engineering	294	87611	0.3355743
2019	3.456226017	Electrical & Electronic Engineering	295	87611	0.336715709
2020	3.453462471	Electrical & Electronic Engineering	296	87611	0.337857118
2017	3.449168303	Electrical & Electronic Engineering	297	87611	0.338998528
2020	3.447949841	Electrical & Electronic Engineering	298	87611	0.340139937
2020	3.447917455	Electrical & Electronic Engineering	299	87611	0.341281346
2015	3.446409363	Electrical & Electronic Engineering	300	87611	0.342422755
2020	3.445263569	Electrical & Electronic Engineering	301	87611	0.343564164
2013	3.444818768	Electrical & Electronic Engineering	302	87611	0.344705574
2019	3.443852873	Electrical & Electronic Engineering	303	87611	0.345846983
2020	3.443488601	Electrical & Electronic Engineering	304	87611	0.346988392
2020	3.440359417	Electrical & Electronic Engineering	305	87611	0.348129801
2020	3.438667861	Electrical & Electronic Engineering	306	87611	0.34927121
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2019	3.436726411	Electrical & Electronic Engineering	309	87611	0.352695438
2020	3.435661565	Electrical & Electronic Engineering	310	87611	0.353836847
2020	3.432842866	Electrical & Electronic Engineering	311	87611	0.354978256
2020	3.430788243	Electrical & Electronic Engineering	312	87611	0.356119665
2020	3.430370814	Electrical & Electronic Engineering	313	87611	0.357261075
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2019	3.429913426	Electrical & Electronic Engineering	315	87611	0.359543893
2020	3.428020912	Electrical & Electronic Engineering	316	87611	0.360685302
2020	3.427026805	Electrical & Electronic Engineering	317	87611	0.361826711
2018	3.425688416	Electrical & Electronic Engineering	318	87611	0.36296812
2017	3.424922917	Electrical & Electronic Engineering	319	87611	0.36410953
2020	3.42468353	Electrical & Electronic Engineering	320	87611	0.365250939
2020	3.424535138	Electrical & Electronic Engineering	321	87611	0.366392348
2020	3.421716134	Electrical & Electronic Engineering	322	87611	0.367533757

2020	3.419716011	Electrical & Electronic Engineering	323	87611	0.368675166
2020	3.418095491	Electrical & Electronic Engineering	324	87611	0.369816576
2020	3.417856616	Electrical & Electronic Engineering	325	87611	0.370957985
2019	3.417459752	Electrical & Electronic Engineering	326	87611	0.372099394
2020	3.417387952	Electrical & Electronic Engineering	327	87611	0.373240803
2020	3.416897388	Electrical & Electronic Engineering	328	87611	0.374382212
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2020	3.415331931	Electrical & Electronic Engineering	330	87611	0.376665031
2020	3.415256003	Electrical & Electronic Engineering	331	87611	0.37780644
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2020	3.413596506	Electrical & Electronic Engineering	334	87611	0.381230667
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2019	3.411265265	Electrical & Electronic Engineering	336	87611	0.383513486
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2020	3.408444498	Electrical & Electronic Engineering	338	87611	0.385796304
2019	3.407581115	Electrical & Electronic Engineering	339	87611	0.386937713
2017	3.406303657	Electrical & Electronic Engineering	340	87611	0.388079122
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2020	3.404438908	Electrical & Electronic Engineering	342	87611	0.390361941
2019	3.403608902	Electrical & Electronic Engineering	343	87611	0.39150335
2020	3.403176481	Electrical & Electronic Engineering	344	87611	0.392644759
2019	3.402527245	Electrical & Electronic Engineering	345	87611	0.393786168
2020	3.402243721	Electrical & Electronic Engineering	346	87611	0.394927578
2020	3.402180901	Electrical & Electronic Engineering	347	87611	0.396068987
2018	3.402176242	Electrical & Electronic Engineering	348	87611	0.397210396
2020	3.401488192	Electrical & Electronic Engineering	349	87611	0.398351805
2020	3.400567766	Electrical & Electronic Engineering	350	87611	0.399493214
2020	3.399702701	Electrical & Electronic Engineering	351	87611	0.400634624
2019	3.399131945	Electrical & Electronic Engineering	352	87611	0.401776033
2019	3.391854052	Electrical & Electronic Engineering	353	87611	0.402917442
2019	3.391067125	Electrical & Electronic Engineering	354	87611	0.404058851
2019	3.389714752	Electrical & Electronic Engineering	355	87611	0.40520026
2020	3.389298684	Electrical & Electronic Engineering	356	87611	0.406341669
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2019	3.386518157	Electrical & Electronic Engineering	360	87611	0.410907306
2020	3.386437151	Electrical & Electronic Engineering	361	87611	0.412048715
2019	3.386285611	Electrical & Electronic Engineering	362	87611	0.413190125
2019	3.385922545	Electrical & Electronic Engineering	363	87611	0.414331534
2020	3.383524585	Electrical & Electronic Engineering	364	87611	0.415472943
2020	3.378997252	Electrical & Electronic Engineering	365	87611	0.416614352
2020	3.377369607	Electrical & Electronic Engineering	366	87611	0.417755761
2020	3.376753173	Electrical & Electronic Engineering	367	87611	0.41889717
2020	3.376400233	Electrical & Electronic Engineering	368	87611	0.42003858
2019	3.376181356	Electrical & Electronic Engineering	369	87611	0.421179989
2020	3.37403523	Electrical & Electronic Engineering	370	87611	0.422321398
2019	3.37397921	Electrical & Electronic Engineering	371	87611	0.423462807
2020	3.373438155	Electrical & Electronic Engineering	372	87611	0.424604216
2016	3.372531911	Electrical & Electronic Engineering	373	87611	0.425745626
2017	3.371811927	Electrical & Electronic Engineering	374	87611	0.426887035
2019	3.371080292	Electrical & Electronic Engineering	375	87611	0.428028444
2020	3.370964753	Electrical & Electronic Engineering	376	87611	0.429169853

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2020	3.366918104	Electrical & Electronic Engineering	378	87611	0.431452671
2020	3.36596901	Electrical & Electronic Engineering	379	87611	0.432594081
2020	3.365345874	Electrical & Electronic Engineering	380	87611	0.43373549
2020	3.364877891	Electrical & Electronic Engineering	381	87611	0.434876899
2020	3.363126843	Electrical & Electronic Engineering	382	87611	0.436018308
2020	3.360944957	Electrical & Electronic Engineering	383	87611	0.437159717
2019	3.360943062	Electrical & Electronic Engineering	384	87611	0.438301127
2019	3.36002707	Electrical & Electronic Engineering	385	87611	0.439442536
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2020	3.359157456	Electrical & Electronic Engineering	387	87611	0.441725354
2013	3.359110229	Electrical & Electronic Engineering	388	87611	0.442866763
2020	3.357694848	Electrical & Electronic Engineering	389	87611	0.444008172
2013	3.356549775	Electrical & Electronic Engineering	390	87611	0.445149582
2020	3.354484798	Electrical & Electronic Engineering	391	87611	0.446290991
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2019	3.353038191	Electrical & Electronic Engineering	393	87611	0.448573809
2020	3.352359516	Electrical & Electronic Engineering	394	87611	0.449715218
2020	3.351628197	Electrical & Electronic Engineering	395	87611	0.450856628
2020	3.351122925	Electrical & Electronic Engineering	396	87611	0.451998037
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2016	3.349620366	Electrical & Electronic Engineering	398	87611	0.454280855
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2017	3.348906146	Electrical & Electronic Engineering	400	87611	0.456563674
2020	3.348444918	Electrical & Electronic Engineering	401	87611	0.457705083
2020	3.348260513	Electrical & Electronic Engineering	402	87611	0.458846492
2020	3.344124437	Electrical & Electronic Engineering	403	87611	0.459987901
2019	3.343779142	Electrical & Electronic Engineering	404	87611	0.46112931
2020	3.342616325	Electrical & Electronic Engineering	405	87611	0.462270719
2020	3.341947889	Electrical & Electronic Engineering	406	87611	0.463412129
2019	3.341864796	Electrical & Electronic Engineering	407	87611	0.464553538
2020	3.341538187	Electrical & Electronic Engineering	408	87611	0.465694947
2014	3.33891632	Electrical & Electronic Engineering	409	87611	0.466836356
2019	3.337082811	Electrical & Electronic Engineering	410	87611	0.467977765
2020	3.336499287	Electrical & Electronic Engineering	411	87611	0.469119175
2020	3.336247942	Electrical & Electronic Engineering	412	87611	0.470260584
2020	3.336216004	Electrical & Electronic Engineering	413	87611	0.471401993
2018	3.33596097	Electrical & Electronic Engineering	414	87611	0.472543402
2018	3.335787855	Electrical & Electronic Engineering	415	87611	0.473684811
2020	3.335661766	Electrical & Electronic Engineering	416	87611	0.47482622
2020	3.335435837	Electrical & Electronic Engineering	417	87611	0.47596763
2020	3.334607129	Electrical & Electronic Engineering	418	87611	0.477109039
2020	3.334214507	Electrical & Electronic Engineering	419	87611	0.478250448
2020	3.332414759	Electrical & Electronic Engineering	420	87611	0.479391857
2016	3.331761314	Electrical & Electronic Engineering	421	87611	0.480533266
2017	3.330068195	Electrical & Electronic Engineering	422	87611	0.481674676
2020	3.329760445	Electrical & Electronic Engineering	423	87611	0.482816085
2019	3.327901838	Electrical & Electronic Engineering	424	87611	0.483957494
2020	3.326552529	Electrical & Electronic Engineering	425	87611	0.485098903
2019	3.325893399	Electrical & Electronic Engineering	426	87611	0.486240312
2020	3.325034196	Electrical & Electronic Engineering	427	87611	0.487381721
2020	3.32235986	Electrical & Electronic Engineering	428	87611	0.488523131
2020	3.322326548	Electrical & Electronic Engineering	429	87611	0.48966454
2019	3.322091317	Electrical & Electronic Engineering	430	87611	0.490805949

2018	3.321064723	Electrical & Electronic Engineering	431	87611	0.491947358
2020	3.320546531	Electrical & Electronic Engineering	432	87611	0.493088767
2020	3.32048531	Electrical & Electronic Engineering	433	87611	0.494230177
2020	3.319046694	Electrical & Electronic Engineering	434	87611	0.495371586
2019	3.318749775	Electrical & Electronic Engineering	435	87611	0.496512995
2015	3.31818674	Electrical & Electronic Engineering	436	87611	0.497654404
2019	3.315556113	Electrical & Electronic Engineering	437	87611	0.498795813
2020	3.31550063	Electrical & Electronic Engineering	438	87611	0.499937222
2020	3.314486795	Electrical & Electronic Engineering	439	87611	0.501078632
2002	3.31438043	Electrical & Electronic Engineering	440	87611	0.502220041
2017	3.31271983	Electrical & Electronic Engineering	441	87611	0.50336145
2020	3.312669469	Electrical & Electronic Engineering	442	87611	0.504502859
2020	3.312488261	Electrical & Electronic Engineering	443	87611	0.505644268
2012	3.311950501	Electrical & Electronic Engineering	444	87611	0.506785678
2020	3.311642677	Electrical & Electronic Engineering	445	87611	0.507927087
2020	3.311557205	Electrical & Electronic Engineering	446	87611	0.509068496
2020	3.311061931	Electrical & Electronic Engineering	447	87611	0.510209905
2020	3.310965978	Electrical & Electronic Engineering	448	87611	0.511351314
2019	3.309197254	Electrical & Electronic Engineering	449	87611	0.512492724
2019	3.309174705	Electrical & Electronic Engineering	450	87611	0.513634133
2019	3.306347392	Electrical & Electronic Engineering	451	87611	0.514775542
2007	3.305900449	Electrical & Electronic Engineering	452	87611	0.515916951
2019	3.305747644	Electrical & Electronic Engineering	453	87611	0.51705836
2020	3.304946373	Electrical & Electronic Engineering	454	87611	0.518199769
2020	3.30494614	Electrical & Electronic Engineering	455	87611	0.519341179
2020	3.303004057	Electrical & Electronic Engineering	456	87611	0.520482588
2020	3.302855787	Electrical & Electronic Engineering	457	87611	0.521623997
2020	3.301933317	Electrical & Electronic Engineering	458	87611	0.522765406
2017	3.300516946	Electrical & Electronic Engineering	459	87611	0.523906815
2020	3.298703198	Electrical & Electronic Engineering	460	87611	0.525048225
2020	3.295723872	Electrical & Electronic Engineering	461	87611	0.526189634
2020	3.295419489	Electrical & Electronic Engineering	462	87611	0.527331043
2005	3.294728568	Electrical & Electronic Engineering	463	87611	0.528472452
2020	3.29419838	Electrical & Electronic Engineering	464	87611	0.529613861
2020	3.293341087	Electrical & Electronic Engineering	465	87611	0.53075527
2018	3.290409782	Electrical & Electronic Engineering	466	87611	0.53189668
2020	3.290199924	Electrical & Electronic Engineering	467	87611	0.533038089
2019	3.289833062	Electrical & Electronic Engineering	468	87611	0.534179498
2019	3.289809541	Electrical & Electronic Engineering	469	87611	0.535320907
<b>2019</b>	<b>3.289372143</b>	<b>Electrical &amp; Electronic Engineering</b>	<b>470</b>	<b>87611</b>	<b>0.536462316</b>
2020	3.288045098	Electrical & Electronic Engineering	471	87611	0.537603726
2020	3.287908361	Electrical & Electronic Engineering	472	87611	0.538745135
2020	3.28777502	Electrical & Electronic Engineering	473	87611	0.539886544
2020	3.287339555	Electrical & Electronic Engineering	474	87611	0.541027953
2019	3.286381194	Electrical & Electronic Engineering	475	87611	0.542169362
1996	3.285367665	Electrical & Electronic Engineering	476	87611	0.543310771
2020	3.285206957	Electrical & Electronic Engineering	477	87611	0.544452181
2020	3.284996921	Electrical & Electronic Engineering	478	87611	0.54559359
2020	3.284923012	Electrical & Electronic Engineering	479	87611	0.546734999
2020	3.284841951	Electrical & Electronic Engineering	480	87611	0.547876408
2019	3.284829603	Electrical & Electronic Engineering	481	87611	0.549017817
2020	3.284635169	Electrical & Electronic Engineering	482	87611	0.550159227
2016	3.284497054	Electrical & Electronic Engineering	483	87611	0.551300636
2020	3.283860326	Electrical & Electronic Engineering	484	87611	0.552442045



2020	3.283836793	Electrical & Electronic Engineering	485	87611	0.553583454
2017	3.281184104	Electrical & Electronic Engineering	486	87611	0.554724863
2020	3.280397997	Electrical & Electronic Engineering	487	87611	0.555866273
2020	3.280378307	Electrical & Electronic Engineering	488	87611	0.557007682
2020	3.279861589	Electrical & Electronic Engineering	489	87611	0.558149091
2020	3.279822571	Electrical & Electronic Engineering	490	87611	0.5592905
2020	3.278899592	Electrical & Electronic Engineering	491	87611	0.560431909
2016	3.278505471	Electrical & Electronic Engineering	492	87611	0.561573318
2016	3.2773844	Electrical & Electronic Engineering	493	87611	0.562714728
2019	3.276470636	Electrical & Electronic Engineering	494	87611	0.563856137
2019	3.274843099	Electrical & Electronic Engineering	495	87611	0.564997546
2020	3.274378233	Electrical & Electronic Engineering	496	87611	0.566138955
2020	3.273945683	Electrical & Electronic Engineering	497	87611	0.567280364
2020	3.273673506	Electrical & Electronic Engineering	498	87611	0.568421774
2018	3.271904703	Electrical & Electronic Engineering	499	87611	0.569563183
2020	3.271507681	Electrical & Electronic Engineering	500	87611	0.570704592
2020	3.270961921	Electrical & Electronic Engineering	501	87611	0.571846001
2019	3.269576016	Electrical & Electronic Engineering	502	87611	0.57298741
2019	3.26894824	Electrical & Electronic Engineering	503	87611	0.574128819
2019	3.26893273	Electrical & Electronic Engineering	504	87611	0.575270229
2019	3.268514453	Electrical & Electronic Engineering	505	87611	0.576411638
2020	3.268076936	Electrical & Electronic Engineering	506	87611	0.577553047
2014	3.266044352	Electrical & Electronic Engineering	507	87611	0.578694456
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2019	3.26495903	Electrical & Electronic Engineering	509	87611	0.580977275
2019	3.264573751	Electrical & Electronic Engineering	510	87611	0.582118684
2018	3.264278265	Electrical & Electronic Engineering	511	87611	0.583260093
2020	3.264098723	Electrical & Electronic Engineering	512	87611	0.584401502
2019	3.263015779	Electrical & Electronic Engineering	513	87611	0.585542911
2020	3.261874009	Electrical & Electronic Engineering	514	87611	0.58668432
2019	3.260098544	Electrical & Electronic Engineering	515	87611	0.58782573
2020	3.259603676	Electrical & Electronic Engineering	516	87611	0.588967139
2020	3.259203723	Electrical & Electronic Engineering	517	87611	0.590108548
2020	3.259152247	Electrical & Electronic Engineering	518	87611	0.591249957
2019	3.25913152	Electrical & Electronic Engineering	519	87611	0.592391366
2020	3.258400597	Electrical & Electronic Engineering	520	87611	0.593532776
2015	3.258307784	Electrical & Electronic Engineering	521	87611	0.594674185
2015	3.256376354	Electrical & Electronic Engineering	522	87611	0.595815594
2016	3.254382533	Electrical & Electronic Engineering	523	87611	0.596957003
2020	3.253700274	Electrical & Electronic Engineering	524	87611	0.598098412
2013	3.253236027	Electrical & Electronic Engineering	525	87611	0.599239821
2019	3.253217182	Electrical & Electronic Engineering	526	87611	0.600381231
2019	3.253193195	Electrical & Electronic Engineering	527	87611	0.60152264
2019	3.252313922	Electrical & Electronic Engineering	528	87611	0.602664049
2020	3.25120439	Electrical & Electronic Engineering	529	87611	0.603805458
2020	3.250444083	Electrical & Electronic Engineering	530	87611	0.604946867
2019	3.250420173	Electrical & Electronic Engineering	531	87611	0.606088277
2010	3.249045417	Electrical & Electronic Engineering	532	87611	0.607229686
2019	3.248221272	Electrical & Electronic Engineering	533	87611	0.608371095
2020	3.247662259	Electrical & Electronic Engineering	534	87611	0.609512504
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2020	3.247065725	Electrical & Electronic Engineering	536	87611	0.611795323
2020	3.246891879	Electrical & Electronic Engineering	537	87611	0.612936732
2019	3.245191035	Electrical & Electronic Engineering	538	87611	0.614078141

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2019	3.243488347	Electrical & Electronic Engineering	542	87611	0.618643778
2020	3.242380672	Electrical & Electronic Engineering	543	87611	0.619785187
2016	3.241104841	Electrical & Electronic Engineering	544	87611	0.620926596
2018	3.240394061	Electrical & Electronic Engineering	545	87611	0.622068005
2019	3.240391808	Electrical & Electronic Engineering	546	87611	0.623209414
2020	3.240263055	Electrical & Electronic Engineering	547	87611	0.624350824
2015	3.239708698	Electrical & Electronic Engineering	548	87611	0.625492233
2019	3.238805886	Electrical & Electronic Engineering	549	87611	0.626633642
2007	3.237613057	Electrical & Electronic Engineering	550	87611	0.627775051
2019	3.237519433	Electrical & Electronic Engineering	551	87611	0.62891646
2020	3.237288274	Electrical & Electronic Engineering	552	87611	0.630057869
2019	3.236124278	Electrical & Electronic Engineering	553	87611	0.631199279
2018	3.235843557	Electrical & Electronic Engineering	554	87611	0.632340688
2020	3.235506899	Electrical & Electronic Engineering	555	87611	0.633482097
2017	3.233249859	Electrical & Electronic Engineering	556	87611	0.634623506
2019	3.233022439	Electrical & Electronic Engineering	557	87611	0.635764915
2020	3.231693612	Electrical & Electronic Engineering	558	87611	0.636906325
2020	3.230888513	Electrical & Electronic Engineering	559	87611	0.638047734
2015	3.230454406	Electrical & Electronic Engineering	560	87611	0.639189143
2020	3.230401048	Electrical & Electronic Engineering	561	87611	0.640330552
2019	3.230179582	Electrical & Electronic Engineering	562	87611	0.641471961
2020	3.22919498	Electrical & Electronic Engineering	563	87611	0.64261337
2020	3.228603744	Electrical & Electronic Engineering	564	87611	0.64375478
2020	3.228492157	Electrical & Electronic Engineering	565	87611	0.644896189
2015	3.226449622	Electrical & Electronic Engineering	566	87611	0.646037598
2019	3.225781098	Electrical & Electronic Engineering	567	87611	0.647179007
2019	3.225586387	Electrical & Electronic Engineering	568	87611	0.648320416
2020	3.225585274	Electrical & Electronic Engineering	569	87611	0.649461826
2020	3.2250947	Electrical & Electronic Engineering	570	87611	0.650603235
2019	3.223680216	Electrical & Electronic Engineering	571	87611	0.651744644
2020	3.223459315	Electrical & Electronic Engineering	572	87611	0.652886053
2020	3.2231007	Electrical & Electronic Engineering	573	87611	0.654027462
2020	3.221932495	Electrical & Electronic Engineering	574	87611	0.655168871
2020	3.220464092	Electrical & Electronic Engineering	575	87611	0.656310281
2020	3.220419455	Electrical & Electronic Engineering	576	87611	0.65745169
2020	3.220142234	Electrical & Electronic Engineering	577	87611	0.658593099
2010	3.219558238	Electrical & Electronic Engineering	578	87611	0.659734508
2017	3.219243058	Electrical & Electronic Engineering	579	87611	0.660875917
2012	3.218981132	Electrical & Electronic Engineering	580	87611	0.662017327
2019	3.217856775	Electrical & Electronic Engineering	581	87611	0.663158736
2020	3.217634456	Electrical & Electronic Engineering	582	87611	0.664300145
2020	3.217406706	Electrical & Electronic Engineering	583	87611	0.665441554
2020	3.217208798	Electrical & Electronic Engineering	584	87611	0.666582963
2016	3.216502044	Electrical & Electronic Engineering	585	87611	0.667724373
2020	3.216184061	Electrical & Electronic Engineering	586	87611	0.668865782
2019	3.215952472	Electrical & Electronic Engineering	587	87611	0.670007191
2020	3.215551971	Electrical & Electronic Engineering	588	87611	0.6711486
2019	3.214998498	Electrical & Electronic Engineering	589	87611	0.672290009
2019	3.214643176	Electrical & Electronic Engineering	590	87611	0.673431418
2019	3.214595823	Electrical & Electronic Engineering	591	87611	0.674572828
2019	3.214489211	Electrical & Electronic Engineering	592	87611	0.675714237

2020	3.213741008	Electrical & Electronic Engineering	593	87611	0.676855646
2020	3.213090401	Electrical & Electronic Engineering	594	87611	0.677997055
2020	3.210976231	Electrical & Electronic Engineering	595	87611	0.679138464
2019	3.209150398	Electrical & Electronic Engineering	596	87611	0.680279874
2020	3.208743585	Electrical & Electronic Engineering	597	87611	0.681421283
2020	3.208580557	Electrical & Electronic Engineering	598	87611	0.682562692
2020	3.208281744	Electrical & Electronic Engineering	599	87611	0.683704101
2020	3.20747129	Electrical & Electronic Engineering	600	87611	0.68484551
2020	3.207141716	Electrical & Electronic Engineering	601	87611	0.685986919
2020	3.207062946	Electrical & Electronic Engineering	602	87611	0.687128329
2020	3.206709152	Electrical & Electronic Engineering	603	87611	0.688269738
2020	3.206691446	Electrical & Electronic Engineering	604	87611	0.689411147
2020	3.206525256	Electrical & Electronic Engineering	605	87611	0.690552556
2020	3.206258554	Electrical & Electronic Engineering	606	87611	0.691693965
2020	3.206092155	Electrical & Electronic Engineering	607	87611	0.692835375
2019	3.205321847	Electrical & Electronic Engineering	608	87611	0.693976784
2020	3.205084377	Electrical & Electronic Engineering	609	87611	0.695118193
2017	3.204220965	Electrical & Electronic Engineering	610	87611	0.696259602
2020	3.204065208	Electrical & Electronic Engineering	611	87611	0.697401011
2017	3.203174054	Electrical & Electronic Engineering	612	87611	0.69854242
2011	3.202908586	Electrical & Electronic Engineering	613	87611	0.69968383
2019	3.202836492	Electrical & Electronic Engineering	614	87611	0.700825239
2019	3.202788819	Electrical & Electronic Engineering	615	87611	0.701966648
2019	3.202571688	Electrical & Electronic Engineering	616	87611	0.703108057
2018	3.202026225	Electrical & Electronic Engineering	617	87611	0.704249466
2017	3.201646398	Electrical & Electronic Engineering	618	87611	0.705390876
2020	3.201204989	Electrical & Electronic Engineering	619	87611	0.706532285
2014	3.201136304	Electrical & Electronic Engineering	620	87611	0.707673694
2020	3.201035133	Electrical & Electronic Engineering	621	87611	0.708815103
2017	3.200682528	Electrical & Electronic Engineering	622	87611	0.709956512
2020	3.200352195	Electrical & Electronic Engineering	623	87611	0.711097921
2017	3.200149796	Electrical & Electronic Engineering	624	87611	0.712239331
2020	3.199622944	Electrical & Electronic Engineering	625	87611	0.71338074
2019	3.198797457	Electrical & Electronic Engineering	626	87611	0.714522149
2020	3.198489222	Electrical & Electronic Engineering	627	87611	0.715663558
2020	3.198140169	Electrical & Electronic Engineering	628	87611	0.716804967
2020	3.198047259	Electrical & Electronic Engineering	629	87611	0.717946377
2019	3.197929043	Electrical & Electronic Engineering	630	87611	0.719087786
2020	3.197779357	Electrical & Electronic Engineering	631	87611	0.720229195
2020	3.19768223	Electrical & Electronic Engineering	632	87611	0.721370604
2019	3.197330152	Electrical & Electronic Engineering	633	87611	0.722512013
2020	3.196383764	Electrical & Electronic Engineering	634	87611	0.723653423
2020	3.196373497	Electrical & Electronic Engineering	635	87611	0.724794832
2019	3.196265882	Electrical & Electronic Engineering	636	87611	0.725936241
2020	3.192981189	Electrical & Electronic Engineering	637	87611	0.72707765
2020	3.1928809	Electrical & Electronic Engineering	638	87611	0.728219059
2019	3.192728117	Electrical & Electronic Engineering	639	87611	0.729360468
<b>2020</b>	<b>3.19217227</b>	<b>Electrical &amp; Electronic Engineering</b>	<b>640</b>	<b>87611</b>	<b>0.730501878</b>
2012	3.191825009	Electrical & Electronic Engineering	641	87611	0.731643287
2020	3.191391947	Electrical & Electronic Engineering	642	87611	0.732784696
2020	3.190787661	Electrical & Electronic Engineering	643	87611	0.733926105
2019	3.189396287	Electrical & Electronic Engineering	644	87611	0.735067514
2014	3.189327245	Electrical & Electronic Engineering	645	87611	0.736208924
2019	3.188274396	Electrical & Electronic Engineering	646	87611	0.737350333

2020	3.187962617	Electrical & Electronic Engineering	647	87611	0.738491742
2017	3.187900588	Electrical & Electronic Engineering	648	87611	0.739633151
2020	3.187814605	Electrical & Electronic Engineering	649	87611	0.74077456
2019	3.186542742	Electrical & Electronic Engineering	650	87611	0.741915969
2019	3.186247639	Electrical & Electronic Engineering	651	87611	0.743057379
2019	3.186063365	Electrical & Electronic Engineering	652	87611	0.744198788
2020	3.185988022	Electrical & Electronic Engineering	653	87611	0.745340197
2018	3.185923899	Electrical & Electronic Engineering	654	87611	0.746481606
2020	3.184610315	Electrical & Electronic Engineering	655	87611	0.747623015
2020	3.184382474	Electrical & Electronic Engineering	656	87611	0.748764425
2018	3.183918064	Electrical & Electronic Engineering	657	87611	0.749905834
2020	3.181342435	Electrical & Electronic Engineering	658	87611	0.751047243
2020	3.178661659	Electrical & Electronic Engineering	659	87611	0.752188652
2020	3.178529131	Electrical & Electronic Engineering	660	87611	0.753330061
2020	3.177706773	Electrical & Electronic Engineering	661	87611	0.75447147
2019	3.176120596	Electrical & Electronic Engineering	662	87611	0.75561288
2016	3.175571083	Electrical & Electronic Engineering	663	87611	0.756754289
2020	3.175218696	Electrical & Electronic Engineering	664	87611	0.757895698
2020	3.175155107	Electrical & Electronic Engineering	665	87611	0.759037107
2019	3.174945837	Electrical & Electronic Engineering	666	87611	0.760178516
2019	3.1743984	Electrical & Electronic Engineering	667	87611	0.761319926
2019	3.174003243	Electrical & Electronic Engineering	668	87611	0.762461335
2019	3.173996654	Electrical & Electronic Engineering	669	87611	0.763602744
2019	3.172842692	Electrical & Electronic Engineering	670	87611	0.764744153
2020	3.171834156	Electrical & Electronic Engineering	671	87611	0.765885562
2019	3.171531173	Electrical & Electronic Engineering	672	87611	0.767026971
2018	3.171096972	Electrical & Electronic Engineering	673	87611	0.768168381
2020	3.170335813	Electrical & Electronic Engineering	674	87611	0.76930979
2018	3.169896377	Electrical & Electronic Engineering	675	87611	0.770451199
2020	3.169466615	Electrical & Electronic Engineering	676	87611	0.771592608
2020	3.169112262	Electrical & Electronic Engineering	677	87611	0.772734017
2020	3.168670727	Electrical & Electronic Engineering	678	87611	0.773875427
2020	3.167327253	Electrical & Electronic Engineering	679	87611	0.775016836
2020	3.167168889	Electrical & Electronic Engineering	680	87611	0.776158245
2020	3.166863014	Electrical & Electronic Engineering	681	87611	0.777299654
2020	3.166332229	Electrical & Electronic Engineering	682	87611	0.778441063
2019	3.165364267	Electrical & Electronic Engineering	683	87611	0.779582473
2020	3.164354774	Electrical & Electronic Engineering	684	87611	0.780723882
2019	3.163837242	Electrical & Electronic Engineering	685	87611	0.781865291
2020	3.163276362	Electrical & Electronic Engineering	686	87611	0.7830067
2019	3.162119604	Electrical & Electronic Engineering	687	87611	0.784148109
2020	3.160400307	Electrical & Electronic Engineering	688	87611	0.785289518
2012	3.160369837	Electrical & Electronic Engineering	689	87611	0.786430928
2008	3.159386022	Electrical & Electronic Engineering	690	87611	0.787572337
2020	3.15935451	Electrical & Electronic Engineering	691	87611	0.788713746
2020	3.159346322	Electrical & Electronic Engineering	692	87611	0.789855155
2020	3.159206129	Electrical & Electronic Engineering	693	87611	0.790996564
2019	3.15854948	Electrical & Electronic Engineering	694	87611	0.792137974
2019	3.156931109	Electrical & Electronic Engineering	695	87611	0.793279383
2020	3.155453803	Electrical & Electronic Engineering	696	87611	0.794420792
2013	3.155283643	Electrical & Electronic Engineering	697	87611	0.795562201
2017	3.155080823	Electrical & Electronic Engineering	698	87611	0.79670361
2018	3.154217624	Electrical & Electronic Engineering	699	87611	0.797845019
2020	3.153791643	Electrical & Electronic Engineering	700	87611	0.798986429



2018	3.153384444	Electrical & Electronic Engineering	701	87611	0.800127838
2019	3.152726943	Electrical & Electronic Engineering	702	87611	0.801269247
2020	3.152564208	Electrical & Electronic Engineering	703	87611	0.802410656
2020	3.152412398	Electrical & Electronic Engineering	704	87611	0.803552065
2020	3.151618408	Electrical & Electronic Engineering	705	87611	0.804693475
2019	3.150778617	Electrical & Electronic Engineering	706	87611	0.805834884
2020	3.150541043	Electrical & Electronic Engineering	707	87611	0.806976293
2019	3.15047511	Electrical & Electronic Engineering	708	87611	0.808117702
2019	3.150178366	Electrical & Electronic Engineering	709	87611	0.809259111
2005	3.149412413	Electrical & Electronic Engineering	710	87611	0.81040052
2020	3.148386576	Electrical & Electronic Engineering	711	87611	0.81154193
2018	3.148120839	Electrical & Electronic Engineering	712	87611	0.812683339
2020	3.147158616	Electrical & Electronic Engineering	713	87611	0.813824748
2019	3.146648495	Electrical & Electronic Engineering	714	87611	0.814966157
2020	3.145867548	Electrical & Electronic Engineering	715	87611	0.816107566
2016	3.145772773	Electrical & Electronic Engineering	716	87611	0.817248976
2020	3.145245879	Electrical & Electronic Engineering	717	87611	0.818390385
2019	3.143773116	Electrical & Electronic Engineering	718	87611	0.819531794
2019	3.143381865	Electrical & Electronic Engineering	719	87611	0.820673203
2019	3.14256023	Electrical & Electronic Engineering	720	87611	0.821814612
2020	3.142022878	Electrical & Electronic Engineering	721	87611	0.822956022
2020	3.140805581	Electrical & Electronic Engineering	722	87611	0.824097431
2019	3.139122929	Electrical & Electronic Engineering	723	87611	0.82523884
2011	3.138762338	Electrical & Electronic Engineering	724	87611	0.826380249
2020	3.136983116	Electrical & Electronic Engineering	725	87611	0.827521658
2020	3.136920927	Electrical & Electronic Engineering	726	87611	0.828663067
2018	3.136862697	Electrical & Electronic Engineering	727	87611	0.829804477
2020	3.136057233	Electrical & Electronic Engineering	728	87611	0.830945886
2019	3.135176467	Electrical & Electronic Engineering	729	87611	0.832087295
2019	3.133645254	Electrical & Electronic Engineering	730	87611	0.833228704
2016	3.132755944	Electrical & Electronic Engineering	731	87611	0.834370113
2020	3.132751438	Electrical & Electronic Engineering	732	87611	0.835511523
2020	3.132160029	Electrical & Electronic Engineering	733	87611	0.836652932
2020	3.130544144	Electrical & Electronic Engineering	734	87611	0.837794341
2019	3.130457333	Electrical & Electronic Engineering	735	87611	0.83893575
2020	3.129951482	Electrical & Electronic Engineering	736	87611	0.840077159
2003	3.129485579	Electrical & Electronic Engineering	737	87611	0.841218568
2020	3.129380556	Electrical & Electronic Engineering	738	87611	0.842359978
1998	3.12933059	Electrical & Electronic Engineering	739	87611	0.843501387
2019	3.126952032	Electrical & Electronic Engineering	740	87611	0.844642796
2018	3.12552137	Electrical & Electronic Engineering	741	87611	0.845784205
2020	3.12520495	Electrical & Electronic Engineering	742	87611	0.846925614
2016	3.12513836	Electrical & Electronic Engineering	743	87611	0.848067024
2018	3.125075091	Electrical & Electronic Engineering	744	87611	0.849208433
2020	3.124909062	Electrical & Electronic Engineering	745	87611	0.850349842
2020	3.124891693	Electrical & Electronic Engineering	746	87611	0.851491251
2020	3.124802677	Electrical & Electronic Engineering	747	87611	0.85263266
2017	3.124502266	Electrical & Electronic Engineering	748	87611	0.853774069
2019	3.124372987	Electrical & Electronic Engineering	749	87611	0.854915479
2020	3.124350004	Electrical & Electronic Engineering	750	87611	0.856056888
2020	3.124337943	Electrical & Electronic Engineering	751	87611	0.857198297
2014	3.124166001	Electrical & Electronic Engineering	752	87611	0.858339706
2020	3.123973022	Electrical & Electronic Engineering	753	87611	0.859481115
2020	3.122311466	Electrical & Electronic Engineering	754	87611	0.860622525

2019	3.121396196	Electrical & Electronic Engineering	755	87611	0.861763934
2020	3.120584098	Electrical & Electronic Engineering	756	87611	0.862905343
2015	3.120384953	Electrical & Electronic Engineering	757	87611	0.864046752
2019	3.120166584	Electrical & Electronic Engineering	758	87611	0.865188161
2014	3.119861269	Electrical & Electronic Engineering	759	87611	0.86632957
2020	3.119793975	Electrical & Electronic Engineering	760	87611	0.86747098
2018	3.119492606	Electrical & Electronic Engineering	761	87611	0.868612389
2020	3.119046022	Electrical & Electronic Engineering	762	87611	0.869753798
2017	3.118808331	Electrical & Electronic Engineering	763	87611	0.870895207
2020	3.118224731	Electrical & Electronic Engineering	764	87611	0.872036616
2020	3.117863702	Electrical & Electronic Engineering	765	87611	0.873178026
2015	3.117546	Electrical & Electronic Engineering	766	87611	0.874319435
2020	3.117283808	Electrical & Electronic Engineering	767	87611	0.875460844
2019	3.116740922	Electrical & Electronic Engineering	768	87611	0.876602253
2020	3.115862897	Electrical & Electronic Engineering	769	87611	0.877743662
2013	3.115623378	Electrical & Electronic Engineering	770	87611	0.878885072
2019	3.115248099	Electrical & Electronic Engineering	771	87611	0.880026481
2019	3.114967154	Electrical & Electronic Engineering	772	87611	0.88116789
2007	3.114305049	Electrical & Electronic Engineering	773	87611	0.882309299
2019	3.113640773	Electrical & Electronic Engineering	774	87611	0.883450708
2020	3.112793482	Electrical & Electronic Engineering	775	87611	0.884592117
2020	3.112558899	Electrical & Electronic Engineering	776	87611	0.885733527
2019	3.112456543	Electrical & Electronic Engineering	777	87611	0.886874936
2018	3.112365644	Electrical & Electronic Engineering	778	87611	0.888016345
2020	3.112132703	Electrical & Electronic Engineering	779	87611	0.889157754
2020	3.11179155	Electrical & Electronic Engineering	780	87611	0.890299163
2019	3.111714748	Electrical & Electronic Engineering	781	87611	0.891440573
2012	3.111510781	Electrical & Electronic Engineering	782	87611	0.892581982
2020	3.110485238	Electrical & Electronic Engineering	783	87611	0.893723391
2020	3.109408112	Electrical & Electronic Engineering	784	87611	0.8948648
2020	3.109223361	Electrical & Electronic Engineering	785	87611	0.896006209
2020	3.109140546	Electrical & Electronic Engineering	786	87611	0.897147618
2020	3.108563969	Electrical & Electronic Engineering	787	87611	0.898289028
2020	3.108261744	Electrical & Electronic Engineering	788	87611	0.899430437
2020	3.107528052	Electrical & Electronic Engineering	789	87611	0.900571846
1998	3.106973424	Electrical & Electronic Engineering	790	87611	0.901713255
2020	3.106791304	Electrical & Electronic Engineering	791	87611	0.902854664
2020	3.106535005	Electrical & Electronic Engineering	792	87611	0.903996074
2019	3.106071825	Electrical & Electronic Engineering	793	87611	0.905137483
2020	3.105670383	Electrical & Electronic Engineering	794	87611	0.906278892
2020	3.105430097	Electrical & Electronic Engineering	795	87611	0.907420301
2015	3.105277233	Electrical & Electronic Engineering	796	87611	0.90856171
2020	3.103692629	Electrical & Electronic Engineering	797	87611	0.909703119
2019	3.103425325	Electrical & Electronic Engineering	798	87611	0.910844529
2019	3.103116126	Electrical & Electronic Engineering	799	87611	0.911985938
2019	3.102515543	Electrical & Electronic Engineering	800	87611	0.913127347
2020	3.102512774	Electrical & Electronic Engineering	801	87611	0.914268756
2017	3.101817888	Electrical & Electronic Engineering	802	87611	0.915410165
2020	3.101679099	Electrical & Electronic Engineering	803	87611	0.916551575
2019	3.101568487	Electrical & Electronic Engineering	804	87611	0.917692984
2020	3.101091791	Electrical & Electronic Engineering	805	87611	0.918834393
2020	3.101088144	Electrical & Electronic Engineering	806	87611	0.919975802
2018	3.100988375	Electrical & Electronic Engineering	807	87611	0.921117211
2019	3.100675039	Electrical & Electronic Engineering	808	87611	0.92225862

2020	3.100643408	Electrical & Electronic Engineering	809	87611	0.92340003
2020	3.100502441	Electrical & Electronic Engineering	810	87611	0.924541439
2020	3.100154996	Electrical & Electronic Engineering	811	87611	0.925682848
2020	3.099789764	Electrical & Electronic Engineering	812	87611	0.926824257
2020	3.099257357	Electrical & Electronic Engineering	813	87611	0.927965666
2020	3.098525145	Electrical & Electronic Engineering	814	87611	0.929107076
2020	3.09798311	Electrical & Electronic Engineering	815	87611	0.930248485
2020	3.097567225	Electrical & Electronic Engineering	816	87611	0.931389894
2020	3.097462472	Electrical & Electronic Engineering	817	87611	0.932531303
2020	3.097460514	Electrical & Electronic Engineering	818	87611	0.933672712
2019	3.097195546	Electrical & Electronic Engineering	819	87611	0.934814122
2020	3.097166241	Electrical & Electronic Engineering	820	87611	0.935955531
2020	3.097024674	Electrical & Electronic Engineering	821	87611	0.93709694
2019	3.096944016	Electrical & Electronic Engineering	822	87611	0.938238349
2019	3.096900493	Electrical & Electronic Engineering	823	87611	0.939379758
2020	3.096791431	Electrical & Electronic Engineering	824	87611	0.940521167
2020	3.096569909	Electrical & Electronic Engineering	825	87611	0.941662577
2019	3.094849791	Electrical & Electronic Engineering	826	87611	0.942803986
2019	3.094087251	Electrical & Electronic Engineering	827	87611	0.943945395
2019	3.093864831	Electrical & Electronic Engineering	828	87611	0.945086804
2007	3.092521304	Electrical & Electronic Engineering	829	87611	0.946228213
2020	3.091757831	Electrical & Electronic Engineering	830	87611	0.947369623
2019	3.091095889	Electrical & Electronic Engineering	831	87611	0.948511032
2019	3.090631261	Electrical & Electronic Engineering	832	87611	0.949652441
2020	3.090421294	Electrical & Electronic Engineering	833	87611	0.95079385
2014	3.090367843	Electrical & Electronic Engineering	834	87611	0.951935259
2020	3.089983299	Electrical & Electronic Engineering	835	87611	0.953076668
2019	3.089699259	Electrical & Electronic Engineering	836	87611	0.954218078
2019	3.087496483	Electrical & Electronic Engineering	837	87611	0.955359487
2018	3.087352491	Electrical & Electronic Engineering	838	87611	0.956500896
2020	3.086918837	Electrical & Electronic Engineering	839	87611	0.957642305
2020	3.086900123	Electrical & Electronic Engineering	840	87611	0.958783714
2019	3.086709883	Electrical & Electronic Engineering	841	87611	0.959925124
2020	3.085709713	Electrical & Electronic Engineering	842	87611	0.961066533
2019	3.084928351	Electrical & Electronic Engineering	843	87611	0.962207942
2019	3.0831817	Electrical & Electronic Engineering	844	87611	0.963349351
2019	3.082755388	Electrical & Electronic Engineering	845	87611	0.96449076
2020	3.08243749	Electrical & Electronic Engineering	846	87611	0.965632169
2020	3.082375629	Electrical & Electronic Engineering	847	87611	0.966773579
2020	3.081985118	Electrical & Electronic Engineering	848	87611	0.967914988
2019	3.080213353	Electrical & Electronic Engineering	849	87611	0.969056397
2019	3.08013207	Electrical & Electronic Engineering	850	87611	0.970197806
2019	3.078929126	Electrical & Electronic Engineering	851	87611	0.971339215
2020	3.078742541	Electrical & Electronic Engineering	852	87611	0.972480625
2020	3.078489692	Electrical & Electronic Engineering	853	87611	0.973622034
2020	3.077469027	Electrical & Electronic Engineering	854	87611	0.974763443
2019	3.076567255	Electrical & Electronic Engineering	855	87611	0.975904852
2020	3.076062284	Electrical & Electronic Engineering	856	87611	0.977046261
2020	3.076053266	Electrical & Electronic Engineering	857	87611	0.97818767
2020	3.075384161	Electrical & Electronic Engineering	858	87611	0.97932908
2013	3.07524237	Electrical & Electronic Engineering	859	87611	0.980470489
2020	3.074637161	Electrical & Electronic Engineering	860	87611	0.981611898
2020	3.074581004	Electrical & Electronic Engineering	861	87611	0.982753307
2008	3.073770923	Electrical & Electronic Engineering	862	87611	0.983894716

2019	3.073651174	Electrical & Electronic Engineering	863	87611	0.985036126
2020	3.073572711	Electrical & Electronic Engineering	864	87611	0.986177535
2017	3.072304959	Electrical & Electronic Engineering	865	87611	0.987318944
2016	3.071973697	Electrical & Electronic Engineering	866	87611	0.988460353
2020	3.071541949	Electrical & Electronic Engineering	867	87611	0.989601762
2020	3.071311618	Electrical & Electronic Engineering	868	87611	0.990743172
2020	3.070340437	Electrical & Electronic Engineering	869	87611	0.991884581
2020	3.069690722	Electrical & Electronic Engineering	870	87611	0.99302599
2020	3.069589184	Electrical & Electronic Engineering	871	87611	0.994167399
2019	3.069101879	Electrical & Electronic Engineering	872	87611	0.995308808
2020	3.06843145	Electrical & Electronic Engineering	873	87611	0.996450217
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2019	2.873514851	Electrical & Electronic Engineering	1444	87611	1.648194861
2020	2.87348971	Electrical & Electronic Engineering	1445	87611	1.649336271
2020	2.873458953	Electrical & Electronic Engineering	1446	87611	1.65047768
2020	2.873237298	Electrical & Electronic Engineering	1447	87611	1.651619089
2020	2.87291802	Electrical & Electronic Engineering	1448	87611	1.652760498
2019	2.872657038	Electrical & Electronic Engineering	1449	87611	1.653901907
2020	2.872632145	Electrical & Electronic Engineering	1450	87611	1.655043316
2020	2.872536625	Electrical & Electronic Engineering	1451	87611	1.656184726
2018	2.87252522	Electrical & Electronic Engineering	1452	87611	1.657326135
2015	2.872493686	Electrical & Electronic Engineering	1453	87611	1.658467544
2019	2.872127181	Electrical & Electronic Engineering	1454	87611	1.659608953
2020	2.872029116	Electrical & Electronic Engineering	1455	87611	1.660750362
2020	2.871918773	Electrical & Electronic Engineering	1456	87611	1.661891772

2016	2.871847358	Electrical & Electronic Engineering	1457	87611	1.663033181
2020	2.871221555	Electrical & Electronic Engineering	1458	87611	1.66417459
2017	2.870591934	Electrical & Electronic Engineering	1459	87611	1.665315999
2019	2.870369081	Electrical & Electronic Engineering	1460	87611	1.666457408
2020	2.870004808	Electrical & Electronic Engineering	1461	87611	1.667598818
2019	2.869883638	Electrical & Electronic Engineering	1462	87611	1.668740227
2006	2.869035901	Electrical & Electronic Engineering	1463	87611	1.669881636
2020	2.868131563	Electrical & Electronic Engineering	1464	87611	1.671023045
2019	2.867750544	Electrical & Electronic Engineering	1465	87611	1.672164454
2020	2.867694249	Electrical & Electronic Engineering	1466	87611	1.673305863
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2017	2.866853696	Electrical & Electronic Engineering	1468	87611	1.675588682
2020	2.866721071	Electrical & Electronic Engineering	1469	87611	1.676730091
2019	2.866635199	Electrical & Electronic Engineering	1470	87611	1.6778715
2020	2.865948112	Electrical & Electronic Engineering	1471	87611	1.679012909
2003	2.865929286	Electrical & Electronic Engineering	1472	87611	1.680154319
2019	2.865445099	Electrical & Electronic Engineering	1473	87611	1.681295728
2020	2.86511279	Electrical & Electronic Engineering	1474	87611	1.682437137
2017	2.865054131	Electrical & Electronic Engineering	1475	87611	1.683578546
2014	2.86476108	Electrical & Electronic Engineering	1476	87611	1.684719955
2020	2.864751362	Electrical & Electronic Engineering	1477	87611	1.685861364
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2020	2.864238934	Electrical & Electronic Engineering	1479	87611	1.688144183
2019	2.863894411	Electrical & Electronic Engineering	1480	87611	1.689285592
2019	2.863504172	Electrical & Electronic Engineering	1481	87611	1.690427001
2020	2.863196298	Electrical & Electronic Engineering	1482	87611	1.69156841
2019	2.862703561	Electrical & Electronic Engineering	1483	87611	1.69270982
2020	2.862317652	Electrical & Electronic Engineering	1484	87611	1.693851229
2009	2.862029379	Electrical & Electronic Engineering	1485	87611	1.694992638
2016	2.861915692	Electrical & Electronic Engineering	1486	87611	1.696134047
2019	2.86140835	Electrical & Electronic Engineering	1487	87611	1.697275456
2020	2.861327236	Electrical & Electronic Engineering	1488	87611	1.698416865
2019	2.860873276	Electrical & Electronic Engineering	1489	87611	1.699558275
2017	2.859982729	Electrical & Electronic Engineering	1490	87611	1.700699684
<b>2020</b>	<b>2.859310311</b>	<b>Electrical &amp; Electronic Engineering</b>	<b>1491</b>	<b>87611</b>	<b>1.701841093</b>
2019	2.859281393	Electrical & Electronic Engineering	1492	87611	1.702982502
2019	2.859178303	Electrical & Electronic Engineering	1493	87611	1.704123911
2020	2.859110776	Electrical & Electronic Engineering	1494	87611	1.705265321
2013	2.859068603	Electrical & Electronic Engineering	1495	87611	1.70640673
2020	2.858984492	Electrical & Electronic Engineering	1496	87611	1.707548139
2020	2.858700686	Electrical & Electronic Engineering	1497	87611	1.708689548
2020	2.858337919	Electrical & Electronic Engineering	1498	87611	1.709830957
2015	2.857480836	Electrical & Electronic Engineering	1499	87611	1.710972366
2020	2.857394295	Electrical & Electronic Engineering	1500	87611	1.712113776
2020	2.857357655	Electrical & Electronic Engineering	1501	87611	1.713255185
2016	2.857156325	Electrical & Electronic Engineering	1502	87611	1.714396594
2020	2.857017109	Electrical & Electronic Engineering	1503	87611	1.715538003
2019	2.856843634	Electrical & Electronic Engineering	1504	87611	1.716679412
2020	2.855826905	Electrical & Electronic Engineering	1505	87611	1.717820822
2019	2.855441508	Electrical & Electronic Engineering	1506	87611	1.718962231
2020	2.855305609	Electrical & Electronic Engineering	1507	87611	1.72010364
2020	2.854698117	Electrical & Electronic Engineering	1508	87611	1.721245049
2017	2.854178766	Electrical & Electronic Engineering	1509	87611	1.722386458
2020	2.853884141	Electrical & Electronic Engineering	1510	87611	1.723527868

2020	2.85364641	Electrical & Electronic Engineering	1511	87611	1.724669277
2020	2.85333091	Electrical & Electronic Engineering	1512	87611	1.725810686
2019	2.853313114	Electrical & Electronic Engineering	1513	87611	1.726952095
2020	2.853116347	Electrical & Electronic Engineering	1514	87611	1.728093504
2019	2.852756176	Electrical & Electronic Engineering	1515	87611	1.729234913
2019	2.852696109	Electrical & Electronic Engineering	1516	87611	1.730376323
2019	2.852529935	Electrical & Electronic Engineering	1517	87611	1.731517732
2019	2.852144117	Electrical & Electronic Engineering	1518	87611	1.732659141
2020	2.851914283	Electrical & Electronic Engineering	1519	87611	1.73380055
2020	2.85185267	Electrical & Electronic Engineering	1520	87611	1.734941959
2020	2.8516207	Electrical & Electronic Engineering	1521	87611	1.736083369
2013	2.850999766	Electrical & Electronic Engineering	1522	87611	1.737224778
<b>2020</b>	<b>2.850940615</b>	<b>Electrical &amp; Electronic Engineering</b>	<b>1523</b>	<b>87611</b>	<b>1.738366187</b>
2020	2.850933169	Electrical & Electronic Engineering	1524	87611	1.739507596
2019	2.85093045	Electrical & Electronic Engineering	1525	87611	1.740649005
2020	2.850501498	Electrical & Electronic Engineering	1526	87611	1.741790414
2018	2.849778743	Electrical & Electronic Engineering	1527	87611	1.742931824
2020	2.849401847	Electrical & Electronic Engineering	1528	87611	1.744073233
2018	2.849039232	Electrical & Electronic Engineering	1529	87611	1.745214642
2019	2.848726591	Electrical & Electronic Engineering	1530	87611	1.746356051
2020	2.848215383	Electrical & Electronic Engineering	1531	87611	1.74749746
2019	2.847768066	Electrical & Electronic Engineering	1532	87611	1.74863887
2019	2.84760161	Electrical & Electronic Engineering	1533	87611	1.749780279
2017	2.847574182	Electrical & Electronic Engineering	1534	87611	1.750921688
2020	2.847471377	Electrical & Electronic Engineering	1535	87611	1.752063097
2019	2.847230073	Electrical & Electronic Engineering	1536	87611	1.753204506
2020	2.846483826	Electrical & Electronic Engineering	1537	87611	1.754345915
2020	2.846482848	Electrical & Electronic Engineering	1538	87611	1.755487325
2020	2.846393152	Electrical & Electronic Engineering	1539	87611	1.756628734
2017	2.846239295	Electrical & Electronic Engineering	1540	87611	1.757770143
2017	2.845874213	Electrical & Electronic Engineering	1541	87611	1.758911552
2020	2.845656238	Electrical & Electronic Engineering	1542	87611	1.760052961
2017	2.845440532	Electrical & Electronic Engineering	1543	87611	1.761194371
2020	2.845405108	Electrical & Electronic Engineering	1544	87611	1.76233578
2019	2.84466437	Electrical & Electronic Engineering	1545	87611	1.763477189
2020	2.844127155	Electrical & Electronic Engineering	1546	87611	1.764618598
2020	2.844125893	Electrical & Electronic Engineering	1547	87611	1.765760007
2020	2.84409422	Electrical & Electronic Engineering	1548	87611	1.766901416
2019	2.843677148	Electrical & Electronic Engineering	1549	87611	1.768042826
2020	2.843036652	Electrical & Electronic Engineering	1550	87611	1.769184235
2019	2.842968289	Electrical & Electronic Engineering	1551	87611	1.770325644
2020	2.841917809	Electrical & Electronic Engineering	1552	87611	1.771467053
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2020	2.839991693	Electrical & Electronic Engineering	1555	87611	1.774891281
2017	2.839890603	Electrical & Electronic Engineering	1556	87611	1.77603269
2020	2.83953566	Electrical & Electronic Engineering	1557	87611	1.777174099
2010	2.839382933	Electrical & Electronic Engineering	1558	87611	1.778315508
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2020	2.838626929	Electrical & Electronic Engineering	1560	87611	1.780598327
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2017	2.836667716	Electrical & Electronic Engineering	1562	87611	1.782881145
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2017	2.835976471	Electrical & Electronic Engineering	1564	87611	1.785163963



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2019	2.834335441	Electrical & Electronic Engineering	1568	87611	1.7897296
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2020	2.834138277	Electrical & Electronic Engineering	1570	87611	1.792012419
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2020	2.83303884	Electrical & Electronic Engineering	1572	87611	1.794295237
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2016	2.832033232	Electrical & Electronic Engineering	1577	87611	1.800002283
2020	2.831677834	Electrical & Electronic Engineering	1578	87611	1.801143692
2019	2.831366258	Electrical & Electronic Engineering	1579	87611	1.802285101
2020	2.831138981	Electrical & Electronic Engineering	1580	87611	1.80342651
2020	2.831126476	Electrical & Electronic Engineering	1581	87611	1.80456792
2017	2.830969171	Electrical & Electronic Engineering	1582	87611	1.805709329
2020	2.830785916	Electrical & Electronic Engineering	1583	87611	1.806850738
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2018	2.829670844	Electrical & Electronic Engineering	1587	87611	1.811416375
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2020	2.829482129	Electrical & Electronic Engineering	1589	87611	1.813699193
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2020	2.829388243	Electrical & Electronic Engineering	1591	87611	1.815982011
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2018	2.8287396	Electrical & Electronic Engineering	1596	87611	1.821689057
2020	2.828182096	Electrical & Electronic Engineering	1597	87611	1.822830466
2019	2.828016535	Electrical & Electronic Engineering	1598	87611	1.823971876
2020	2.827562183	Electrical & Electronic Engineering	1599	87611	1.825113285
2020	2.827239635	Electrical & Electronic Engineering	1600	87611	1.826254694
2020	2.827214264	Electrical & Electronic Engineering	1601	87611	1.827396103
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2019	2.826761906	Electrical & Electronic Engineering	1603	87611	1.829678922
2019	2.826749195	Electrical & Electronic Engineering	1604	87611	1.830820331
2020	2.826608379	Electrical & Electronic Engineering	1605	87611	1.83196174
2020	2.826567332	Electrical & Electronic Engineering	1606	87611	1.833103149
2019	2.826553508	Electrical & Electronic Engineering	1607	87611	1.834244558
2020	2.826360798	Electrical & Electronic Engineering	1608	87611	1.835385968
2019	2.826301137	Electrical & Electronic Engineering	1609	87611	1.836527377
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2019	2.823865572	Electrical & Electronic Engineering	1617	87611	1.84565865
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2020	2.820021475	Electrical & Electronic Engineering	1637	87611	1.868486834
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2020	2.801224808	Electrical & Electronic Engineering	1721	87611	1.964365205
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2008	2.799907414	Electrical & Electronic Engineering	1723	87611	1.966648024
2020	2.799870388	Electrical & Electronic Engineering	1724	87611	1.967789433
2014	2.799475189	Electrical & Electronic Engineering	1725	87611	1.968930842
2014	2.799460886	Electrical & Electronic Engineering	1726	87611	1.970072251

2017	2.799012201	Electrical & Electronic Engineering	1727	87611	1.97121366
2017	2.798625355	Electrical & Electronic Engineering	1728	87611	1.97235507
2019	2.798035063	Electrical & Electronic Engineering	1729	87611	1.973496479
2020	2.797973014	Electrical & Electronic Engineering	1730	87611	1.974637888
2015	2.797716959	Electrical & Electronic Engineering	1731	87611	1.975779297
2019	2.79748065	Electrical & Electronic Engineering	1732	87611	1.976920706
2020	2.797321362	Electrical & Electronic Engineering	1733	87611	1.978062115
2020	2.796801101	Electrical & Electronic Engineering	1734	87611	1.979203525
2020	2.796546048	Electrical & Electronic Engineering	1735	87611	1.980344934
2020	2.796475625	Electrical & Electronic Engineering	1736	87611	1.981486343
2017	2.796047284	Electrical & Electronic Engineering	1737	87611	1.982627752
2019	2.795814914	Electrical & Electronic Engineering	1738	87611	1.983769161
2020	2.795722125	Electrical & Electronic Engineering	1739	87611	1.984910571
2020	2.795401454	Electrical & Electronic Engineering	1740	87611	1.98605198
2019	2.795163417	Electrical & Electronic Engineering	1741	87611	1.987193389
2007	2.794460212	Electrical & Electronic Engineering	1742	87611	1.988334798
2020	2.793819815	Electrical & Electronic Engineering	1743	87611	1.989476207
2020	2.793633979	Electrical & Electronic Engineering	1744	87611	1.990617617
2020	2.79332131	Electrical & Electronic Engineering	1745	87611	1.991759026
2019	2.79216581	Electrical & Electronic Engineering	1746	87611	1.992900435
2019	2.792144456	Electrical & Electronic Engineering	1747	87611	1.994041844
2019	2.792030952	Electrical & Electronic Engineering	1748	87611	1.995183253
2020	2.791817093	Electrical & Electronic Engineering	1749	87611	1.996324662
2019	2.791312261	Electrical & Electronic Engineering	1750	87611	1.997466072
2020	2.791164885	Electrical & Electronic Engineering	1751	87611	1.998607481
2020	2.790536999	Electrical & Electronic Engineering	1752	87611	1.99974889
2020	2.790359014	Electrical & Electronic Engineering	1753	87611	2.000890299
2020	2.78988112	Electrical & Electronic Engineering	1756	87611	2.004314527
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2020	2.789518132	Electrical & Electronic Engineering	1758	87611	2.006597345
2020	2.789376067	Electrical & Electronic Engineering	1760	87611	2.008880163
2020	2.789024727	Electrical & Electronic Engineering	1762	87611	2.011162982
2019	2.78885853	Electrical & Electronic Engineering	1763	87611	2.012304391
2020	2.788652823	Electrical & Electronic Engineering	1765	87611	2.014587209
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2019	2.782599139	Electrical & Electronic Engineering	1784	87611	2.036273984
2020	2.781428213	Electrical & Electronic Engineering	1785	87611	2.037415393
2020	2.779989109	Electrical & Electronic Engineering	1788	87611	2.040839621
2019	2.779933344	Electrical & Electronic Engineering	1789	87611	2.04198103
2020	2.779728772	Electrical & Electronic Engineering	1790	87611	2.043122439
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2020	2.779227971	Electrical & Electronic Engineering	1793	87611	2.046546667
2019	2.778994226	Electrical & Electronic Engineering	1794	87611	2.047688076
2017	2.778926297	Electrical & Electronic Engineering	1796	87611	2.049970894



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2020	2.777943821	Electrical & Electronic Engineering	1801	87611	2.05567794
2020	2.777775652	Electrical & Electronic Engineering	1803	87611	2.057960758
2020	2.777675672	Electrical & Electronic Engineering	1804	87611	2.059102168
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2020	2.776909484	Electrical & Electronic Engineering	1810	87611	2.065950623
2020	2.776340576	Electrical & Electronic Engineering	1812	87611	2.068233441
2020	2.7754278	Electrical & Electronic Engineering	1814	87611	2.070516259
2020	2.774952336	Electrical & Electronic Engineering	1817	87611	2.073940487
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2019	2.774481549	Electrical & Electronic Engineering	1822	87611	2.079647533
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2017	2.763855321	Electrical & Electronic Engineering	1868	87611	2.132152355
2019	2.763628427	Electrical & Electronic Engineering	1869	87611	2.133293764
2016	2.763333723	Electrical & Electronic Engineering	1870	87611	2.134435174
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2019	2.763008628	Electrical & Electronic Engineering	1873	87611	2.137859401
2015	2.76300019	Electrical & Electronic Engineering	1874	87611	2.13900081
2020	2.761672527	Electrical & Electronic Engineering	1880	87611	2.145849266
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2020	2.760996061	Electrical & Electronic Engineering	1888	87611	2.154980539
2019	2.760849576	Electrical & Electronic Engineering	1889	87611	2.156121948
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2008	2.758666939	Electrical & Electronic Engineering	1897	87611	2.165253222
2018	2.758649221	Electrical & Electronic Engineering	1898	87611	2.166394631
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2019	2.757112712	Electrical & Electronic Engineering	1908	87611	2.177808723
2019	2.756507211	Electrical & Electronic Engineering	1912	87611	2.182374359
2019	2.754912719	Electrical & Electronic Engineering	1915	87611	2.185798587
2015	2.754761439	Electrical & Electronic Engineering	1917	87611	2.188081405
2019	2.752500125	Electrical & Electronic Engineering	1932	87611	2.205202543
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2007	2.75145328	Electrical & Electronic Engineering	1939	87611	2.213192407
2017	2.751330701	Electrical & Electronic Engineering	1940	87611	2.214333817
2019	2.751195231	Electrical & Electronic Engineering	1941	87611	2.215475226
1998	2.750567438	Electrical & Electronic Engineering	1942	87611	2.216616635
2014	2.7493967	Electrical & Electronic Engineering	1944	87611	2.218899453
2003	2.749238594	Electrical & Electronic Engineering	1945	87611	2.220040862

2017	2.748538605	Electrical & Electronic Engineering	1947	87611	2.222323681
2019	2.748158149	Electrical & Electronic Engineering	1949	87611	2.224606499
1998	2.748117029	Electrical & Electronic Engineering	1950	87611	2.225747908
2000	2.746341909	Electrical & Electronic Engineering	1956	87611	2.232596363
2019	2.743681891	Electrical & Electronic Engineering	1966	87611	2.244010455
2019	2.743406356	Electrical & Electronic Engineering	1967	87611	2.245151864
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2020	2.73789109	Electrical & Electronic Engineering	1994	87611	2.275969912
2019	2.737879161	Electrical & Electronic Engineering	1995	87611	2.277111322
2020	2.736021777	Electrical & Electronic Engineering	2005	87611	2.288525413
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2019	2.727716628	Electrical & Electronic Engineering	2042	87611	2.330757553
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2017	2.723996897	Electrical & Electronic Engineering	2067	87611	2.359292783
2019	2.723312788	Electrical & Electronic Engineering	2070	87611	2.36271701
2019	2.720745832	Electrical & Electronic Engineering	2080	87611	2.374131102
2009	2.717476258	Electrical & Electronic Engineering	2100	87611	2.396959286
2019	2.714499536	Electrical & Electronic Engineering	2113	87611	2.411797605
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