2021

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> —James Nolan, AIPD Design, Microchip Technology



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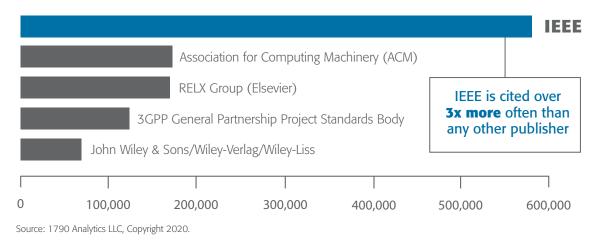
Most Trusted Information in Technology



Top Patenting Organizations Rely on IEEE Research

IEEE journals and conference proceedings received over 580,000 patent citations—**over three times more than any other publisher.** In fact, references to IEEE papers have increased 963% since 1997, according to recent studies by 1790 Analytics LLC.

Patent References to the Top 5 Publishers



For a free copy of the white paper "IEEE and Patents: An Analysis of Patent Referencing to IEEE Papers, Conferences, and Standards," visit **www.ieee.org/patentcitations**

2 / IEEE Electronic Library

Citations to IEEE Journals Continue to Climb

Each year, the Journal Citation Reports[®] (JCR) from Clarivate Analytics examines the impact of scholarly journals by determining how often a journal's articles are cited by later research.

According to the most recent report, IEEE publis	hes:
27 of the top 30 journals in Electrical and Electronic Engineering	
21 of the top 25 journals in Telecommunications	
8 of the top 10 journals in Automation & Control Systems	
7 of the top 10 journals in Computer Science, Hardware & Architecture	
7 of the top 10 journals in Computer Science, Artificial Intelligence	
4 of the top 5 journals in Computer Science, Information Systems	
3 of the top 5 journals in Computer Science, Cybernetics	

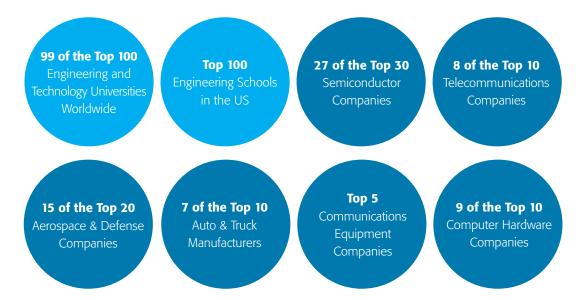
The JCR ranks journals by their journal impact factor, defined as the average number of times articles published in a specific journal in the previous two years were cited in a particular year.

Source: 2019 Journal Citation Reports (Clarivate Analytics, 2020).

For more information on IEEE journal citation rankings, visit www.ieee.org/citations

IEEE Information Drives Innovation

The world's most successful technology companies and leading universities subscribe to the IEEE Xplore digital library.



Sources: *Times Higher Education*, Engineering & Technology Subject Ranking 2019–20; *U.S. News & World Report*, Top U.S. Engineering Graduate Schools of 2021, ranked in 2020; 2020 Forbes Global 2000. Information current as of 08/2020.

IEEE Xplore: Delivering Innovative Research Better than Ever

The IEEE *Xplore* digital library delivers IEL to users' computers or mobile devices. Just as the content within IEEE *Xplore* grows each year, the platform is also continuously upgraded to enable users to easily find and discover the solutions they need. Following are some recent and upcoming enhancements to the platform.

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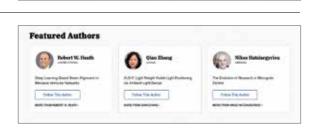
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- Institutional Dashboards (Beta) will enable authenticated institutional subscribers to see more insights
 into the most popular articles and technologies viewed by their colleagues, as well as top authors and
 recently published research from their organization. Enabled upon request.
- Image Search feature will allow users to run searches to find images and figures within documents.
- Save key documents with the relaunch of MyProjects with enhanced features.
- *MyXplore* app Enhancements.
- Enhanced Media Capability Pilot.

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New Subscription Titles for 2020 and 2021IEEE Transactions on Artificial IntelligenceIEEE BITS the Information Theory MagazineIEEE Journal of Emerging and Selected Topics in Industrial ElectronicsIEEE Journal on Selected Areas in Information TheoryIEEE Transactions on Technology and SocietyListing current as of 09/2020, subject to change.

A Sample of Conferences Published in 2020 Covering Innovative Technologies



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New Standards Include:

C37.230 IEEE Guide for Protective Relay Applications to Distribution Lines

C57.21 IEEE Standard Requirements, Terminology, and Test Code for Shunt Reactors Rated Over 500 kVA

484 IEEE Recommended Practice for Installation Design and Installation of Vented Lead-Acid Batteries for Stationary Applications

485 IEEE Recommended Practice for Sizing Lead-Acid Batteries for Stationary Applications

1609.3 IEEE Standard for Wireless Access in Vehicular Environments (WAVE)–Networking Services

3003.1 IEEE Recommended Practice for System Grounding of Industrial and Commercial Power Systems

99 IEEE Recommended Practice for the Preparation of Test Procedures for the Thermal Evaluation of Insulation Systems for Electrical Equipment

389 IEEE Recommended Practice for Testing Electronics Transformers and Inductors

802.1AE IEEE Standard for Local and Metropolitan Area Networks–Media Access Control (MAC) Security

Examples of Popular Standards:

2017 National Electrical Safety Code® (NESC®)

IEEE Std 1584-2018 IEEE Guide for Performing Arc-Flash Hazard Calculations (Revision of IEEE Std 1584-2002)

IEEE Std 1547-2018 IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces (Revision of IEEE Std 1547-2003)

IEEE 802.1Q-2018 IEEE Standard for Local and Metropolitan Area Networks—Bridges and Bridged Networks

IEEE 2030.5-2018 IEEE Standard for Smart Energy Profile Application Protocol

IEEE Std 802.3-2018 IEEE Standard for Ethernet (Revision of IEEE Std 802.3-2015)

IEEE Std 802.11-2016 IEEE Standard for Information technology—Telecommunications and Information Exchange Between Systems Local and Metropolitan Area Networks—Specific Requirements—Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications (Revision of IEEE Std 802.11-2012)

IEEE Journals Priced Below the Competition

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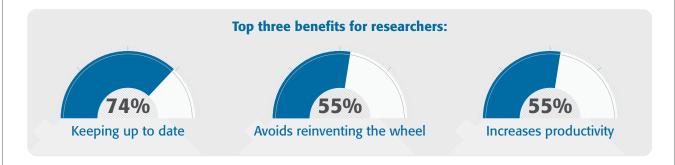
*Contact your IEEE Account Manager for pricing information specific to your organization.

IEEE conducted a survey of 750 professionals across more than 10 technology industries. The results demonstrate that having access to a resource such as IEEE *Xplore* provides a wide range of advantages, including boosting productivity, accelerating research, and saving valuable time and money.

Researchers, Scientists, and Engineers

Stay Up To Date and Accelerate Research

To avoid time-consuming setbacks in a project, engineers need to be well-versed in the latest industry advancements and take advantage of previous lessons learned. Researchers and engineering professionals reported that the up-to-date information in IEEE *Xplore* allows for smarter, more efficient research and projects.



Directors and C-level Executives

Save Time While Increasing Productivity and Innovation

Directors and C-level executives were asked what key benefits IEEE *Xplore* brings to their organizations and employees. The results show that IEEE *Xplore* reduces project time and increases overall productivity and innovation, bringing cutting-edge products to market faster, thus increasing the total ROI.



Reduce the Cost of Research

Less time spent during the research phase of a project significantly improves ROI. Two-thirds of survey respondents say that IEEE *Xplore* greatly reduces research time, with many respondents indicating that it cuts their research or project time in half.



Engineers face many challenges during the innovation process. IEEE recently interviewed IEEE *Xplore* users to understand their day-to-day obstacles and how access to IEEE *Xplore* helps to overcome them.

Accelerating the Lengthy Research Process

Using IEEE *Xplore* during the research phase can greatly reduce project time, allowing engineers to be more productive and move projects forward at a faster pace.



"I wish I had it my entire career. It really has made finding the necessary references easier, and in some respects, actually fun."

> --Systems Engineer Leading Aerospace Company

Challenge

An aerospace systems engineer researching the laser absorption of a plastic at a particular wavelength was looking for an alternative to physical testing, which can often be very costly and can take days or even weeks to complete.

Solution

With IEEE *Xplore*, this engineer was able to quickly find physical measurements pertinent to his study that were already recorded in published papers. This saved both time and money by eliminating the costs of physical tests.

Staying One Step Ahead with Ongoing Education

IEEE *Xplore* gives engineers access to cutting-edge research that spans all aspects of technology, providing a vast range of knowledge and insight into unfamiliar topics often critical for driving innovation.



"Not having IEEE *Xplore* would be a significant loss to me. It's very much a go-to information resource for me ... It's certainly one of the first places that I consult."

> —Design Engineer Leading Defense Company

Challenge

A design engineer for a leading defense company needed to troubleshoot a gallium nitride amplifier—a device with which he had little experience. To find the issue and solution, he first needed to learn more about the amplifier itself and how it worked.

Solution

Leveraging the electronic design research in IEEE *Xplore*, he was able to gather information on the amplifier and its behaviors to understand what he was observing in the lab and accurately troubleshoot the build.

IEEE Journals Included in IEL

Journal Titles	Online Price
Aerospace	
Aerospace and Electronic Systems Magazine, IEEE (M-AES)	
Aerospace and Electronic Systems, IEEE Trans. on (T-AES)	
Miniaturization for Air and Space Systems, IEEE Journal on (J-MASS)\$345
Antennas Antennas and Propagation Magazine, IEEE (M-AP)	\$700
Antennas and Propagation Magazine, IEEE (MAR)	
Antennas and Wireless Propagation Letters, IEEE (L-AWP)	
Biomedical	
Biomedical and Health Informatics, IEEE Journal of (J-BHI)	\$780
Biomedical Circuits and Systems, IEEE Trans. on (T-BCAS)	\$655
Biomedical Engineering, IEEE Reviews in (R-BME)	
Biomedical Engineering, IEEE Trans. on (T-BME)	\$2,775
Computational Biology and Bioinformatics, IEEE/ACM Trans. on (T-CBB)	\$585
Electromagnetics, RF and Microwaves in Medicine and Biology,	
IEEE Journal of (J-ERM)	
Medical Imaging, IEEE Trans. on (T-MI)	
Medical Robotics and Bionics, IEEE Trans. on (T-MRB) NanoBioscience, IEEE Trans. on (T-NB)	
Neural Networks and Learning Systems, IEEE Trans. on (T-NNLS)	
IEEE Pulse (M-PULSE)	
Radiation and Plasma Medical Science, IEEE Trans. on (T-RPMS)	\$2,445
Broadcasting and Digital Media	
Broadcasting, IEEE Trans. on (T-BC)	\$200
Circuit Theory, Analysis, and Design	
Circuits and Systems for Video Technology, IEEE Trans. on (T-CSVT)	
Circuits and Systems Part I: Regular Papers, IEEE Trans. on (T-CAS1)	
Circuits and Systems Part II: Express Briefs, IEEE Trans. on (T-CAS2) Molecular, Biological, and Multi-Scale Communications,	\$1,335
IEEE Trans. on (T-MBMSC)	\$480
Circuits and Devices	
Circuits and Systems Magazine, IEEE (M-CAS)	\$655
Emerging and Selected Topics in Circuits and Systems,	
IEEE Journal on (JETCAS)	
Radio Frequency Identification, IEEE Journal of (J-RFID) RFIC Virtual Journal, IEEE (RFIC-VJ)	
Communication and Information Cognitive Communications and Networking,	
IEEE Trans. on (T-CCN)	\$790
Communications Letters, IEEE (L-COMM)	\$815
Communications Magazine, IEEE (M-COMM)	
Communications, IEEE Trans. on (T-COMM) Communications Standards Magazine, IEEE (M-COMSTD)	
Communications standards Magazine, IEEE (M-COMSTD)	
Pervasive Computing Magazine, IEEE (M-PVC)	
Selected Areas in Communications, IEEE Journal on (J-SAC)	
Communications Networks/Systems	
Green Communications and Networking, IEEE Trans. on (T-GCN)	
Network and Service Management, IEEE Trans. on (T-NSM)	
Network Science and Engineering, IEEE Trans. on (T-NSE) Network, IEEE (M-NET)	
Network, IEEE (NI-INET)	
IEEE Networking Letters (L-NET)	
Computational Intelligence	
Affective Computing, IEEE Trans. on (T-AFFC)	\$700
Cognitive and Developmental Systems, IEEE Trans. on (T-CDS)	
Computational Intelligence Magazine, IEEE (M-CI)	\$75
Emerging Topics in Computational Intelligence, IEEE Trans. On (T-ETCI)	\$1.060
Evolutionary Computation, IEEE Trans. on (T-EVC)	
Fuzzy Systems, IEEE Trans. on (T-FUZZ)	
Games, IEEE Trans. on (T-G)	
Intelligent Systems Magazine, IEEE (M-IS)	
Knowledge and Data Engineering, IEEE Trans. on (T-KDE)	
Pattern Analysis and Machine Intelligence, IEEE Trans. on (T-PAMI) Services Computing, IEEE Trans. on (T-SC)	
Services Computing, IEEE IIIIIIS, OII (1-5C)	

Journal Titles	Online Price
Computer Graphics	
Computer Graphics and Applications Magazine, IEEE (M-CG&A)	
Visualization and Computer Graphics, IEEE Trans. on (T-VCG)	\$1,645
Computer Science & Engineering Annals of the History of Computing, IEEE (M-AHC)	\$665
Artificial Intelligence, IEEE Trans. on (T-AI) NEW!	\$1,500
Big Data, IEEE Trans. on (T-BD)	
Computer Architecture Letters, IEEE (L-CA) Computer Magazine (M-C)	
Computers, IEEE Trans. on (T-C)	\$2,910
Computing in Science and Engineering Magazine (CiSE) Design and Test Magazine, IEEE (M-D&T)	
Embedded Systems Letters, IEEE (L-ES)	
Emerging Topics in Computing, IEEE Trans. on (T-ETC)	
Internet Computing Magazine, IEEE (M-IC) Internet of Things Journal, IEEE (J-IOT)	\$1,235 \$500
IEEE Internet of Things Journal, IEEE (J-IOT)	
Micro Magazine, IEEE (M-MICRO)	\$1,100
Mobile Computing, IEEE Trans. on (T-MC) MultiMedia Magazine, IEEE (M-MULTI)	
Multiplysics Computational Techniques,	
IEEE Journal on (J-MMCT)	
Sustainable Computing, IEEE Trans. on (T-SUSC)	
Technology and Society Magazine, IEEE (M-T&S) Technology and Society, IEEE Trans. on (T-TS)	
Consumer Electronics	
Consumer Electronics Magazine, IEEE (M-CE)	\$325
Consumer Electronics, IEEE Trans. on (T-CE)	\$435
Control and Automation	4
Automatic Control, IEEE Trans. on (T-AC) Automatica Sinica, IEEE/CAA Journal of (J-AS)	
Control of Network Systems, IEEE Trans. on (T-CNS)	
Control Systems Letters, IEEE (L-CSS)	
Control Systems Magazine, IEEE (M-CS) Control Systems Technology, IEEE Trans. on (T-CST)	
Mechatronics, IEEE/ASME Trans. on (T-MECH)	
Microelectromechanical Systems, Journal of (J-MEMS)	\$1,115
Distributed Computing/Real-Time Systems Parallel and Distributed Systems, IEEE Trans. on (T-PDS)	¢0 175
Very Large Scale Integration Systems, IEEE Trans. on (T-VLSI)	
Education	
Education, IEEE Trans. on (T-E)	
Learning Technologies, IEEE Trans. on (T-LT) IEEE Revista Iberoamericana de Tecnologías	\$240
del Aprendizaje (IEEE-RITA)	\$165
Electromagnetic Compatibility	
Electromagnetic Compatibility Magazine, IEEE (M-EMC)	
Electromagnetic Compatibility, IEEE Trans. on (T-EMC)	\$570
Electromagnetic Compatibility Practice and Applications, IEEE Journal on (J-EMCPA)	\$350
Ultrasonics, Ferroelectrics and Frequency Control,	
IEEE Trans. on (T-UFFC)	\$1,440
Electron Devices	¢015
Device and Materials Reliability, IEEE Trans. on (T-DMR) Electron Device Letters, IEEE (L-ED)	
Electron Devices, IEEE Trans. on (T-ED)	
Engineering Management	
IEEE Engineering Management Review, IEEE (R-EM)	
Engineering Management, IEEE Trans. on (T-EM)	\$700
Geoscience, Ocean Technology, and Remote Sensing Geoscience and Remote Sensing Letters, IEEE (L-GRS)	\$535
Geoscience and Remote Sensing Magazine, IEEE (M-GRS)	
Geoscience and Remote Sensing, IEEE Trans. on (T-GRS)	
Oceanic Engineering, IEEE Journal of (J-OE)	\$440

Journal Titles	Online Price
Industry	
Emerging and Selected Topics in Industrial Electronics,	
IEEE Journal of (J-ESTIE)	\$195
Industrial Electronics Magazine, IEEE (M-IE)	
Industrial Electronics, IEEE Trans. on (T-IE)	
Industrial Informatics, IEEE Trans. on (T-IINF)	
Industry Applications Magazine, IEEE (M-IA) Industry Applications, IEEE Trans. on (T-IA)	
Information Theory	φ1,505
IEEE BITS the Information Theory Magazine (M-BITS) NEW!	\$350
Information Theory, IEEE Trans. on (T-IT)	
Selected Areas in Information Theory, IEEE Journal on (J-SAIT)	\$640
Instrumentation, Measurement, and Testing	¢775
Instrumentation and Measurement Magazine, IEEE (M-IM) Instrumentation and Measurement, IEEE Trans. on (T-IM)	
Sensors Journal, IEEE (J-SEN)	
Sensors Letters, IEEE (L-SEN)	
Interdisciplinary	
Canadian Journal of Electrical and Computer Engineering	NA*
Latin America Transactions, IEEE	
Nanotechnology Magazine, IEEE (M-NANO)	
Nanotechnology, IEEE Trans. on (T-NANO)	
Potentials, IEEE (STM) Online free w/print Proceedings of the IEEE	
Spectrum, IEEE	
Magnetics, Superconductors Applied Superconductivity, IEEE Trans. on (T-ASC)	\$1.910
Magnetics Society Package, IEEE	
Manufacturing (Circuits and Devices)	
Components, Packaging and Manufacturing Technology,	
IEEE Trans. on (T-CPMT)	\$1,470
Computer-Aided Design of Integrated Circuits and Systems,	
IEEE Trans. on (T-CAD)	
Semiconductor Manufacturing, IEEE Trans. on (T-SCM)	\$725
Microwave	
Microwave and Wireless Components Letters, IEEE (L-MWC)	
Microwave Magazine, IEEE (M-MW) Microwave Theory and Techniques, IEEE Trans. on (T-MTT)	
Terahertz Science and Technology, IEEE Trans. on (T-THZ)	
Nuclear and Plasma Science	,
Nuclear Science, IEEE Trans. on (T-NS)	\$2.520
Plasma Science, IEEE Trans. on (T-PS)	
Optics and Optoelectronics	
Lightwave Technology, Journal of (J-LT)	\$2,631
Optical Communications and Networking, IEEE/OSA Journal of (J-OC	N)\$2,455
Photonics Technology Letters, IEEE (L-PT)	\$2,400
Photovoltaics, IEEE Journal of (J-PHOTOV)	
Quantum Electronics, IEEE Journal of (J-QE)	
Selected Topics in Quantum Electronics, IEEE Journal of (J-STQE)	
Power and Energy Electrification Magazine, IEEE (E-M)	¢500
Energy Conversion, IEEE Trans. on (T-EC)	\$1 185
Power Delivery, IEEE Trans. on (T-PWRD)	
Power & Energy Magazine, IEEE (M-P&E)	
Power Systems, IEEE Trans. on (T-PWRS)	\$1,520
Smart Grid, IEEE Trans. on (T-SG)	
Sustainable Energy, IEEE Trans. on (T-STE)	\$790
Power Dielectrics, Insulation, and Safety	
Dielectrics and Electrical Insulation, IEEE Trans. on (T-DEI)	
Electrical Insulation Magazine, IEEE (M-EI)	\$235
Power Electronics	
Emerging and Selected Topics in Power Electronics,	¢C AF
IEEE Journal of (J-ESTPE) IEEE Power Electronics Magazine (M-PEL)	
Power Electronics, IEEE Trans. on (T-PEL)	

Power Electronics, IEEE Trans. on (T-PEL)\$1,970

Journal Titles	Online Price
Professional Communication	
IT Professional Magazine (M-ITPRO)	
Professional Communication, IEEE Trans. on (T-PC)	\$350
Reliability Engineering Reliability Engineering, IEEE Trans. on (T-R)	\$670
Robotics and Automation	
Automation Science and Engineering, IEEE Trans. on (T-ASE)	
Haptics, IEEE Trans. on (T-H) Robotics, IEEE Trans. on (T-RO)	\$/20 ¢1755
IEEE Robotics and Automation Letters (L-RA)	
Robotics and Automation Magazine, IEEE (M-RA)	
Security and Privacy	
Biometrics, Behavior, and Identity Science, IEEE Trans. on (T-BIOM)	\$610
Dependable and Secure Computing, IEEE Trans. on (T-DSC)	\$475
Information Forensics and Security, IEEE Trans. on (T-IFS)	
Security & Privacy Magazine, IEEE (M-S&P)	\$915
Signal Processing	
Audio, Speech and Language Processing, IEEE/ACM Trans. on (T-AS	
Computational Imaging, IEEE Trans. on (T-CI)	
Image Processing, IEEE Trans. on (T-IP) Multimedia, IEEE Trans. on (T-MM)	
Selected Topics in Signal Processing, IEEE Journal of (J-STSP)	
Signal and Information Processing over Networks,	, , , , , , , , , , , , , , , , , , ,
IEEE Trans. on (T-SIPN)	\$711
Signal Processing Letters, IEEE (L-SP)	
Signal Processing Magazine, IEEE (M-SP)	
Signal Processing, IEEE Trans. on (T-SP)	\$3,735
Software Design and Development Cloud Computing, IEEE Trans. on (T-CC)	\$555
Software Engineering, IEEE Trans. on (T-SE)	
Software Magazine, IEEE (M-SOFT)	
Solid-State Circuits	
Solid-State Circuits Letters, IEEE (L-SSC)	\$685
Solid-State Circuits Magazine, IEEE (M-SSC)	
Solid-State Circuits, IEEE Journal of (J-SSC)	\$2,410
Systems Engineering	
Computational Social Systems, IEEE Trans. on (T-CSS)	
Cybernetics, IEEE Trans. on (T-CYB)	
Human-Machine Systems, IEEE Trans. on (T-HMS) Systems Journal, IEEE (J-SYS)	
IEEE Systems, Man, and Cybernetics Magazine (M-SMC)	
Systems, Man, and Cybernetics: Systems, IEEE Trans. on (T-SMC)	
Transportation	
Intelligent Transportation Systems Magazine, IEEE (M-ITS)	\$470
Intelligent Transportation Systems, IEEE Trans. on (T-ITS)	
Intelligent Vehicles, IEEE Trans. on (T-IV)	\$475
Transportation Electrification, IEEE Trans. on (T-TE)	
Vehicular Technology Magazine, IEEE (M-VT)	
Vehicular Technology, IEEE Trans. on (T-VT)	\$1,805
Wireless Communications	
Wireless Communications Letters, IEEE (L-WC)	
Wireless Communications Magazine, IEEE (M-WC) Wireless Communications, IEEE Trans. on (T-WC)	
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The conferences listed here represent the top 25 most active conferences based on their usage in IEEE *Xplore.** They are just a few of our flagship events, but they are some of the most recognized in terms of interest in their respective fields.

The Top 25 Most Active Conferences

	2019 IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)
	2019 IEEE International Solid-State Circuits Conference (ISSCC)
en l	2018 IEEE Global Communications Conference (GLOBECOM)
11	2018 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)
17	2018 IEEE International Conference on Robotics and Automation (ICRA)
1	2018 IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)
1	2019 IEEE International Conference on Communications (ICC)
4	2019 IEEE International Symposium on Circuits and Systems (ISCAS)
	2018 IEEE International Conference on Communications (ICC)
X	2018 IEEE Energy Conversion Congress and Exposition (ECCE)
	2018 IEEE International Symposium on Antennas and Propagation & USNC/URSI National Radio Science Meeting
	2018 IEEE International Geoscience and Remote Sensing Symposium (IGARSS)
100	2018 IEEE International Solid-State Circuits Conference (ISSCC)
1	2017 IEEE International Conference on Robotics and Automation (ICRA)
	2018 IEEE International Symposium on Circuits and Systems (ISCAS)
XC	2019 International Conference on Robotics and Automation (ICRA)
1-	2018 40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)
5	2019 IEEE International Conference on Image Processing (ICIP)
	2018 25th IEEE International Conference on Image Processing (ICIP)
	2017 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)
	2018 52nd Asilomar Conference on Signals, Systems, and Computers
	2018 IEEE International Conference on Big Data (Big Data)
	2018 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)
	2016 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)
	2018 44th Annual Conference of the IEEE Industrial Electronics Society (IECON)

*Based on IEEE Xplore usage statistics from January–December 2019.

A Sampling of Conference Titles in Key Technologies

Aerospace

Aerospace Conf, IEEE Avionics and Vehicle Fiber-Optics and Photonics Conf (AVFOP), IEEE Autotestcon, IEEE

Biomedical

Engineering in Medicine & Biology Society Annual Conf (EMBS), IEEE Sensors and The Int'l Conf on New Techniques in Pharmaceutical and Biomedical Research, Asian Conf on Biomedical Imaging (ISBI), Int'l Symp on Neural Engineering (NER), Int'l IEEE/EMBS Conf on

Circuits and Devices

Advanced Thermal Processing of Semiconductors (RTP), Int'l Conf on Circuits and Systems (ISCAS), IEEE Int'l Symp on Radio Frequency Integrated Circuits Symp (RFIC), IEEE Signals, Circuits and Systems (ISSCS), Int'l Symp on Solid-State Circuits Conf (ISSCC), IEEE Int'l

Communication & Networks/Systems

Communications (ICC), IEEE Int'l Conf on Communications and Information Technologies (ISCIT), Int'l Symp on Next Generation Internet Networks (NGI), Conf on Pervasive Services, ACS/IEEE Int'l Conf on RadarCon, IEEE Ultra-Wideband (ICU), IEEE Int'l Conf on Global Communications Conference (GLOBECOM), IEEE

Computing

Computer and Information Technology, Int'l Conf on Computer Vision & Pattern Recognition (CVPR), IEEE Conf on Electrical & Computer Engineering (CCECE), Canadian Conf on Machine Learning and Applications (ICMLA), Int'l Conf on Parallel and Distributed Systems (ICPADS), Int'l Conf on Services Computing (SCC), IEEE Int'l Conf on Systems, Man & Cybernetics, IEEE Int'l Conf on

Control and Automation

Advanced Intelligent Mechatronics, IEEE/ASME Int'l Conf on American Control Conf (ACC) Control and Automation (ICCA), Int'l Conf on Intelligent Robots & Systems (IROS), IEEE/RJS Int'l Conf on Robotics & Automation (ICRA), IEEE Int'l Conf on

Earth Science

Geoscience & Remote Sensing Symp (IGARSS), IEEE Int'l Remote Sensing of Atmospheric Aerosols, IEEE Wksp on

Electron Devices

Applications of Ferroelectrics (ISAF), IEEE Int'l Symp on Design Automation Conf (DAC), ACM/IEEE Electromagnetic Compatibility, (EMC), IEEE Int'l Symp on Electron Devices and Solid-State Circuits (EDSSC), IEEE Conf on Industrial Electronics (ISIE), IEEE Int'l Symp on

Instrumentation, Measurement, and Testing

Haptic Audio Visual Environments and their Applications (HAVE), IEEE Int'l Wksp on

Imaging Systems and Techniques (IST), IEEE Int'I Wksp on Instrumentation & Measurement Technology Conf (IMTC), IEEE Sensors Conf, IEEE

Lasers & Optics

Advanced Optoelectronics and Lasers (CAOL), Int'l Conf on Industrial Informatics (INDIN), IEEE Int'l Conf on Lasers & Electro-Optics (CLEO), Conf on Optical Fiber Communication Conf (OFC) Quantum Electronics Conf (IQEC), Int'l

Microwave

Microwave and Optoelectronics Conf, SBMO/IEEE Int'l Microwave Photonics (MWP), Int'l Topical Meeting on Microwave Symp, IEEE/MTT-S Int'l Wireless and Microwave Technology Conf, IEEE Annual

Power and Energy

Applied Power Electronics Conf & Exhibition (APEC), IEEE Nuclear Science Symp Conf (NSS/MIC) Photovoltaic Specialists Conf, IEEE Power Electronics and Drive Systems (PEDS), Int'l Conf on Power Electronics Specialists Conf (PESC), IEEE

Signal Processing

Acoustics, Speech & Signal Processing (ICASSP), IEEE Int'l Conf on Antenna Theory and Techniques (ICATT), Int'l Conf on Image Processing (ICIP), IEEE Int'l Conf on Signal Processing and Information Technology (ISSPIT), IEEE Int'l Symp on

Software Engineering

Software Engineering (ICSE), IEEE Int'l Conf on Software Engineering Wksp (SEW), NASA/IEEE Software Engineering, AI, Networking & Parallel Distributed Computing (SNPD/SAWN), Int'l Conf on Software Evolvability, IEEE Int'l Wksp on

Vehicular/Ground Transportation

Intelligent Transportation Systems Conf (ITSC), IEEE Vehicle Power and Propulsion Conf (VPPC), IEEE Vehicular Electronics and Safety (ICVES), IEEE Int'l Conf on

Wireless Communication

Personal Wireless Communications (ICPWC), IEEE Int'l Conf on Signal Processing Advances in Wireless Communications (SPAWC), IEEE Wksp on

Wireless and Mobile Computing, Networking and Communications (WiMob), Int'l Conf on

Wireless Communications & Networking Conf (WCNC), IEEE Wireless Telecommunications Symp (WTS)

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