**IEEE Transactions on Computers**

**（2区，审稿周期：6个月）**

**Aims & Scope**

The IEEE Transactions on Computers is a monthly publication with a wide distribution to researchers, developers, technical managers, and educators in the computer field. It publishes papers on research in areas of current interest to the readers. These areas include, but are not limited to, the following: a) computer organizations and architectures; b) operating systems, software systems, and communication protocols; c) real-time systems and embedded systems; d) digital devices, computer components, and interconnection networks; e) specification, design, prototyping, and testing methods and tools; f) performance, fault tolerance, reliability, security, and testability; g) case studies and experimental and theoretical evaluations; and h) new and important applications and trends.

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| Impact Factor | 3.131 |
| Eigenfactor | 0.01487 |
| Article Influence Score | 0.941 |

<https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=12>

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| Editor-in-Chief | Ahmed Louri Department of Electrical and Computer Engineering George Washington University Washington, DC 20051 Email: eic\_tc@email.gwu.edu |

**IEEE Transactions on Consumer Electronics**

**（3区，审稿周期：2.6个月）**

**Aims & Scope**

The main focus for the IEEE Transactions on Consumer Electronics is the engineering and research aspects of the theory, design, construction, manufacture or end use of mass market electronics, systems, software and services for consumers.

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| Impact Factor | 2.083 |
| Eigenfactor | 0.00195 |
| Article Influence Score | 0.362 |

<https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=30>

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| Editor-in-Chief | Fernando Pescador, Assistant Professor Computer Science and Electronic Engineering Dept. ETSIS Telecommunications Universidad Politecnica de Madrid Ctra Valencia Km 7 28031 Madrid, Spain [pescador@sec.upm.es](mailto:pescador@sec.upm.es) |

**IEEE Transactions on Energy Conversion**

**（2区，审稿周期：4.5个月）**

**Aims & Scope**

The IEEE Transactions on Energy Conversion includes in its venue the research, development, design, application, construction, installation, operation, analysis and control of electric power generating and energy storage equipment (along with conventional, cogeneration, nuclear, distributed or renewable sources, central station and grid connection). The scope also includes electromechanical energy conversion, electric machinery, devices, systems and facilities for the safe, reliable, and economic generation and utilization of electrical energy for general industrial, commercial, public, and domestic consumption of electrical energy.

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| Impact Factor | 4.614 |
| Eigenfactor | 0.01297 |
| Article Influence Score | 1.386 |

<https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=60>

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| Editor-in-Chief | Alberto Tessarolo University of Trieste via Valerio 10 34127 Trieste, Italy e-mail: [atessarolo@units.it](mailto:atessarolo@units.it) |

**IEEE Transactions on Engineering Management**

**（4区，审稿周期：4.5个月）**

**Aims & Scope**

Management of technical functions such as research, development, and engineering in industry, government, university, and other settings. Emphasis is on studies carried on within an organization to help in decision making or policy formation for RD&E.

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| Impact Factor | 1.867 |
| Eigenfactor | 0.00164 |
| Article Influence Score | 0.491 |

<https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=17>

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| Editor-in-Chief | Tugrul U. Daim Department of Engineering and Technology Management, Portland State University |

**IEEE Transactions on Industry Applications**

**（2区，审稿周期：3~6周）**

**Aims & Scope**

The scope of the IEEE Transactions on Industry Applications includes all scope items of the IEEE Industry Applications Society, that is, the advancement of the theory and practice of electrical and electronic engineering in the development, design, manufacture, and application of electrical systems, apparatus, devices, and controls to the processes and equipment of industry and commerce; the promotion of safe, reliable, and economic installations; industry leadership in energy conservation and environmental, health, and safety issues; the creation of voluntary engineering standards and recommended practices; and the professional development of its membership.

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| Impact Factor | 3.347 |
| Eigenfactor | 0.02997 |
| Article Influence Score | 0.942 |

<https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=28>

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| Editor-in-Chief | Thomas A. Nondahl [t.nondahl@ieee.org](mailto:t.nondahl@ieee.org) |

**IEEE Transactions on Knowledge and Data Engineering**

**（2区，审稿周期：3~8周）**

**Aims & Scope**

The scope includes the knowledge and data engineering aspects of computer science, artificial intelligence, electrical engineering, computer engineering, and other appropriate fields. This Transactions provides an international and interdisciplinary forum to communicate results of new developments in knowledge and data engineering and the feasibility studies of these ideas in hardware and software. Specific areas to be covered are as follows: Fields and Areas of Knowledge and Data Engineering: (a) Knowledge and data engineering aspects of knowledge based and expert systems, (b) Artificial Intelligence techniques relating to knowledge and data management, (c) Knowledge and data engineering tools and techniques, (d) Distributed knowledge base and database processing, (e) Real-time knowledge bases and databases, (f) Architectures for knowledge and data based systems, (g) Data management methodologies, (h) Database design and modeling, (i) Query, design, and implementation languages, (j) Integrity, security, and fault tolerance, (k) Distributed database control, (l) Statistical databases, (m) System integration and modeling of these systems, (n) Algorithms for these systems, (o) Performance evaluation of these algorithms, (p) Data communications aspects of these systems, and (q) Applications of these systems.

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| Impact Factor | 3.857 |
| Eigenfactor | 0.01865 |
| Article Influence Score | 1.266 |

<https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=69>

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| Editor-in-Chief | Xuemin Lin Scientia Professor, FIEEE Database Research Group School of Computer Science and Engineering University of New South Wales NSW 2052, Sydney [lxue@cse.unsw.edu.au](mailto:lxue@cse.unsw.edu.au) [www.cse.unsw.edu.au/~lxue](http://www.cse.unsw.edu.au/~lxue) |
| **Associate Editor-in-Chief** | Lei Chen Hong Kong University of Science and Technology [leichen@cse.ust.hk](mailto:leichen@cse.ust.hk) |
| **TKDE Peer Review Support Specialist** | IEEE Publishing Operations 445 Hoes Lane Piscataway, NJ 08854 USA [tkde@computer.org](mailto:tkde@computer.org) |

**IEEE Transactions on Power Systems**

**（1区，审稿周期：3个月）**

**Aims & Scope**

The scope of this Transactions covers the requirements, planning, analysis, reliability, operation, and economics of electric generating, transmission, and distribution systems for general industrial, commercial, public, and domestic consumption. The main focus of the IEEE Transactions on Power Systems is the power system from a systems viewpoint instead of components of the system. It has five (5) key areas within its scope with several subdivisions within each area. These areas are: (1) Power Engineering Education, (2) Power System Analysis, Computing, and Economics, (3) Power System Dynamic Performance, (4) Power System Operations, and (5) Power System Planning and Implementation. The purviews of these areas are broad and do not need frequent updates. However, if a new technology evolves in the industry and it needs specific focus, the purview of the corresponding area is updated to include the technology and the IEEE Transactions on Power Systems identifies it as a new subdivision. The current scope and the subdivisions under each area are shown below. Area 1 - Power Engineering Education: New instruction methods (software/internet/laboratory/combined with research), Virtual classrooms/laboratories, Distance education, Life-long learning. Area 2 - Power System Analysis, Computing, and Economics: Computational techniques and analytical methods for planning, operations and control, Computing applications, Distribution system analysis, Economics, market organization, cost structures, pricing and risk management, Intelligent system applications, Reliability, uncertainty and probability and stochastic system applications. Area 3 - Power System Dynamic Performance: Power system dynamic modeling: components and systems, Power system stability: phenomena, analysis, and techniques, Power system stability controls: design and applications, Power system dynamic measurements, Power system interaction with turbine generators, Dynamic security assessment: techniques and applications, risk-based methods. Area 4 - Power System Operations: Emerging methods for restructured systems, Transmission operations and security, Energy control centers, Distribution operation, System control, Operating economics and pricing.  Area 5 - Power System Planning & Implementation: Generation system resource planning, Transmission system planning, Distribution system planning, Integrated resource planning and distributed resource planning, Load forecasting, Customer products and services planning and implementation. Industry restructuring planning and policy issue.

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| Impact Factor | 6.807 |
| Eigenfactor | 0.05128 |
| Article Influence Score | 1.746 |

<https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=59>

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| Editor-in-Chief | Nikos Hatziargyriou National Technical University of Athens |

**IEEE Transactions on Reliability**

**（3区，审稿周期：4.5个月）**

**Aims & Scope**

IEEE Transactions on Reliability is a refereed journal for the reliability and allied disciplines including, but not limited to, maintainability, physics of failure, life testing, prognostics, design and manufacture for reliability, reliability for systems of systems, network availability, mission success, warranty, safety, and various measures of effectiveness. Topics eligible for publication range from hardware to software, from materials to systems, from consumer and industrial devices to manufacturing plants, from individual items to networks, from techniques for making things better to ways of predicting and measuring behavior in the field. As an engineering subject that supports new and existing technologies, we constantly expand into new areas of the assurance sciences.

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| Impact Factor | 2.888 |
| Eigenfactor | 0.0063 |
| Article Influence Score | 0.919 |

<https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=24>

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| Editor-in-Chief | W. Eric Wong University of Texas at Dallas Advanced Res Ctr for Software Testing and Quality Assurance  ewong@utdallas.edu |

**IEEE Transactions on Smart Grid**

**（1区，审稿周期：无具体信息）**

**Aims & Scope**

The IEEE Transactions on Smart Grid is a cross disciplinary and internationally archival journal aimed at disseminating results of research on smart grid that relates to, arises from, or deliberately influences energy generation, transmission, distribution and delivery. The journal publishes original research on theories and development on principles of smart grid technologies and systems. The Transactions also welcomes manuscripts on design, implementation and evaluation of power systems that are affected by smart grid. Surveys of existing work on smart grid may also be considered for publication when they propose a new viewpoint on history and a challenging perspective on the future of smart grid.

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| Impact Factor | 10.486 |
| Eigenfactor | 0.04398 |
| Article Influence Score | 2.318 |

<https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=5165411>

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| Editor-in-Chief | Claudio Cañizares RSC Academy of Science University of Waterloo 200 University Avenue West Waterloo, Ontario, Canada   N2L 3G1  [ccanizar@uwaterloo.ca](mailto:ccanizar@uwaterloo.ca) Ph. (519) 888-4567 ext. 35355 Fax. (519) 746-3077 |