

City University of Hong Kong
Department of Computer Science

Categorized Journal List

A+: 10%, A: 30%, B+: 50% B: 70%, Others below 70%

A+:

Artificial Intelligence and Data Engineering (AID)

IEEE Transactions on Evolutionary Computation
IEEE Transactions on Neural Networks and Learning Systems
IEEE Transactions on Fuzzy Systems
IEEE Transactions on Knowledge and Data Engineering

Algorithms and Software Engineering (ASE)

Bioinformatics
IEEE/ACM Transactions on Computational Biology and Bioinformatics
ACM Transactions on Software Engineering and Methodology
IEEE Transactions on Software Engineering

Computer System Networking and Security (CSN)

IEEE Transactions on Mobile Computing
IEEE/ACM Transactions on Networking
IEEE Journal of Selected Areas on Communication
IEEE Transactions on Dependable and Secure Computing

Multimedia Computing (MMC)

IEEE Transactions on Pattern Analysis and Machine Intelligence
ACM Transactions on Graphics
IEEE Transactions on Multimedia
IEEE Transactions on Image Processing
International Journal of Computer Vision

Other Areas:

IEEE Transactions on Information Theory
IEEE Transactions on Computers
IEEE Transactions on Circuits and Systems for Video Technology
IEEE Transactions on Cybernetics

A:

Algorithms

Algorithmica
Information and Computation
Journal of Computer and System Sciences
Theory of Computing Systems

Artificial Intelligence

Journal of Machine Learning Research
IEEE Computational Intelligence Magazine
Artificial Intelligence

IEEE Transactions on Big Data
IEEE Intelligent Systems
Machine Learning
Artificial Intelligence in Medicine
Decision Support System

Bioinformatics and Biomedicine

BMC Bioinformatics
IEEE Journal of Biomedical and Health Informatics
IEEE Transactions on Biomedical Engineering
Journal of Computational Biology
Journal of Biomedical Informatics
European Journal of Human Genetics

Database and Information Retrieval

VLDB Journal
ACM Transactions on Database Systems
IEEE Internet Computing
Information Sciences

Embedded Systems

IEEE Transactions on computer-aided design of integrated circuit and systems
IEEE Transactions on Very Large Scale Integration Systems

Multimedia

IEEE Multimedia
ACM Transactions on Multimedia Computing, Communications and Applications
IEEE Transactions on Visualization and Computer Graphics

Graphics and Vision

Pattern Recognition
IEEE Computer Graphics and Applications
Computer Graphics Forum
Computer Vision and Image Understanding

Networks and Computer Systems

ACM Transactions on Sensor Networks
Ad Hoc Networks
IEEE Transactions on Parallel and Distributed Systems
IEEE Transactions on Broadcasting
IEEE Transactions on Services Computing
IEEE Wireless Communications
IEEE Transactions on Vehicular Technology
IEEE Network
Performance Evaluation
Journal of Lightwave Technology
Journal of Cryptology
IEEE Transactions on Wireless Communications
ACM Transaction on Storage
IEEE Transactions on Cloud Computing
IEEE Transactions on Communications

IEEE Internet of Things journal
IEEE Transactions on Signal Processing
Journal of Network and Computer Applications
Computers and Security
IEEE Transactions on Industrial Informatics
ACM Transactions on Modeling and Performance Evaluation of Computer Systems

Operations Research

Mathematics of Operations Research
Computers & Operations Research

Security

IEEE Transactions on Information Forensics and Security

Software Engineering

IEEE Software
Empirical Software Engineering
Information and Software Technology
Software Testing Verification & Reliability
Journal of Systems and Software

Other Areas

IEEE Transactions on Audio Speech and Language Processing
IEEE Transactions on Education
IEEE Signal Processing Magazine
Communications of the ACM
Computers & Education
International Journal on Human-Computer Studies
MATCH-Communications in mathematical and in computer chemistry
Neural Computation
SIAM Review

B+:

Algorithms

Discrete Applied Mathematics
J Algorithms
Journal of Combinatorial Optimization

Artificial Intelligence

International Journal of Information Technology and Decision Making
Pattern Recognition Letters

Bioinformatics and Neuroscience

Neuroscience
Visual Neuroscience
Computers in Biology and Medicine
Journal of Neuroscience Research

Database and Information Retrieval

ACM Transactions on Information Systems
Information Systems
Information Processing & Management
Knowledge and Information Systems
Data & Knowledge Engineering
Journal of Database Management
ACM SIGMOD Record

Multimedia

Multimedia Systems
IEEE Signal Processing Letters

Graphics and Vision

Image and Vision Computing
Machine Vision and Applications
Visual Computer
Journal of Visual Communication and Image Representation

Internet Technology

ACM Transactions on the Web
International Journal of Web Services Research

Embedded Systems

ACM Transactions on Embedded Computing Systems
IEEE Transactions on Circuits and Systems II
Real-Time Systems

Networks and Computer Systems

IEEE Transactions on Circuits and Systems I-Regular Papers
Journal of Parallel and Distributed Computing
Elesvier Journal of Computer Networks
Elesvier Journal of Computer Communications
IEEE Communications Letters
Journal of Parallel Computing
Springer Journal of Optimization and Engineering
Journal of Wireless Communications and Mobile Computing
Computer Communications
Wireless Communications & Mobile Computing
Wireless Networks
Computer Journal
EURASIP Journal on Wireless Communications and Networking

Operations Research

Journal of Scheduling

Other Areas

Applied Mathematics and Computation
Applied Soft Computing
Electronic Letters
ETRI Journal
GeoInformatica

Signal Processing
IEEE Transactions on Systems Man and Cyber. Part A-Systems and Humans
IEEE Transactions on Systems Man and Cybernetics Part C
IEEE Transactions on Consumer Electronics
International Journal of Bifurcation and Chaos
Mathematical Structures in Computer Science

B:

Algorithms

Theoretical Computer Science
SIAM Journal on Discrete Mathematics
Discrete Mathematics

Artificial Intelligence

Applied Artificial Intelligence
Pattern Analysis and Applications
International Journal on Document Analysis and Recognition

Embedded System

Journal of Supercomputing
Designs Codes and Cryptography

Database and Information Retrieval

Distributed and Parallel Databases
Knowledge-Based Systems

Internet Technology

World Wide Web-Internet and Web Information Systems

Multimedia

Multimedia Tools and Applications

Networks and Computer Systems

European Transactions on Telecommunications

Neuroscience and Biomechanics

Neuroscience Letters
Journal of Neuroscience methods
Journal of Applied Biomechanics

Software Engineering

International Journal of Software Engineering and Knowledge Engineering
Journal of Software Maintenance and Evolution: Research and Practice
Software Quality Journal

Other Areas

Eurasip Journal on Applied Signal Processing