

Neal N. Xiong

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

648
papers

10,755
citations

52
h-index

76
g-index

733
ext. papers

13,995
ext. citations

4.1
avg, IF

7.23
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 648 | PerAE: An Effective Personalized AutoEncoder for ECG-based Biometric in Augmented Reality System.. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022 , PP, | 7.2 | 4 |
| 647 | TMA-DPSO: Towards Efficient Multi-Task Allocation with Time Constraints for Next Generation Multiple Access. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1 | 14.2 | 3 |
| 646 | Exponential negation of a probability distribution. <i>Soft Computing</i> , 2022 , 26, 2147 | 3.5 | 1 |
| 645 | CPFL: An Effective Secure Cognitive Personalized Federated Learning Mechanism for Industry 4.0. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1 | 11.9 | |
| 644 | TANTO: An Effective Trust based Unmanned Aerial Vehicle Computing System for the Internet-of-Things. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1 | 10.7 | 2 |
| 643 | SG-PBFT: a Secure and Highly Efficient Distributed Blockchain PBFT Consensus Algorithm for Intelligent Internet of Vehicles. <i>Journal of Parallel and Distributed Computing</i> , 2022 , | 4.4 | 10 |
| 642 | An Intelligent Expert Combination Weighting Scheme for Group Decision Making in Railway Reconstruction. <i>Mathematics</i> , 2022 , 10, 549 | 2.3 | 1 |
| 641 | An end-to-end deep learning model for robust smooth filtering identification. <i>Future Generation Computer Systems</i> , 2022 , 127, 263-275 | 7.5 | 4 |
| 640 | Research on Graph Structure Data Adversarial Examples Based on Graph Theory Metrics. <i>Lecture Notes in Computer Science</i> , 2022 , 394-403 | 0.9 | 0 |
| 639 | OPN-DTSP: Optimized Pointer Networks for Approximate Solution of Dynamic Traveling Salesman Problem. <i>Lecture Notes in Computer Science</i> , 2022 , 427-437 | 0.9 | |
| 638 | Imperceptible and Reliable Adversarial Attack. <i>Communications in Computer and Information Science</i> , 2022 , 49-62 | 0.3 | |
| 637 | An Intelligent Data Analysis System Combining ARIMA and LSTM for Persistent Organic Pollutants Concentration Prediction. <i>Electronics (Switzerland)</i> , 2022 , 11, 652 | 2.6 | 0 |
| 636 | An Artificial Fish Swarm Scheme Based on Heterogeneous Pheromone for Emergency Evacuation in Social Networks. <i>Electronics (Switzerland)</i> , 2022 , 11, 649 | 2.6 | 1 |
| 635 | TCSA: A Traffic Congestion Situation Assessment Scheme Based on Multi-Index Fuzzy Comprehensive Evaluation in 5G-IoV. <i>Electronics (Switzerland)</i> , 2022 , 11, 1032 | 2.6 | 0 |
| 634 | A Novel Similarity Measure of Single-Valued Neutrosophic Sets Based on Modified Manhattan Distance and Its Applications. <i>Electronics (Switzerland)</i> , 2022 , 11, 941 | 2.6 | 1 |
| 633 | An effective evapotranspiration estimation scheme based on statistical indicators for sustainable environments in humid and semi-arid area of Khyber Pakhtunkhwa, Pakistan. <i>Water Science and Technology: Water Supply</i> , 2022 , 22, 2493-2517 | 1.4 | 0 |
| 632 | A Contribution to Enhance the Panoramic Image Security via Cryptography and Shuffled Methods. <i>WSEAS Transactions on Computers</i> , 2022 , 21, 76-80 | 1.1 | |

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| 631 | Hybrid Architecture Based on CNN and Transformer for Strip Steel Surface Defect Classification. <i>Electronics (Switzerland)</i> , 2022 , 11, 1200 | 2.6 | 1 |
| 630 | MIDP: An MDP-based intelligent big data processing scheme for vehicular edge computing. <i>Journal of Parallel and Distributed Computing</i> , 2022 , 167, 1-17 | 4.4 | |
| 629 | Feature Pyramid-based Graph Convolutional Neural network for Graph Classification. <i>Journal of Systems Architecture</i> , 2022 , 102562 | 5.5 | 0 |
| 628 | ADCC: An effective adaptive duty cycle control scheme for real time big data in Green IoT. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 61, 5959-5959 | 6.1 | 1 |
| 627 | Revocable and Privacy-Preserving Decentralized Data Sharing Framework for Fog-Assisted Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 1 |
| 626 | RSIS: A Secure and Reliable Secret Image Sharing System based on Extended Hamming Codes in Industrial Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 1 |
| 625 | LightFed: An Efficient and Secure Federated Edge Learning System on Model Splitting. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021 , 1-1 | 3.7 | 2 |
| 624 | EDMF: Efficient Deep Matrix Factorization with Review Feature Learning for Industrial Recommender System. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1 | 11.9 | 16 |
| 623 | A Privacy-preserving Proximity Testing using Private Set Intersection for Vehicular Ad-hoc Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1 | 11.9 | |
| 622 | RDRL A Recurrent Deep Reinforcement Learning Scheme for Dynamic Spectrum Access in Reconfigurable Wireless Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1 | 4.9 | 8 |
| 621 | Vacuum: An Efficient and Assured Deletion Scheme for User Sensitive Data on Mobile Devices. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 2 |
| 620 | BPT: A Blockchain based Privacy Information Preserving System for Trust Data Collection over Distributed Mobile Edge Network. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 1 |
| 619 | An Intelligent Fuzzy Phrase Search Scheme over Encrypted Network Data for IoT. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1 | 4.9 | 0 |
| 618 | A Self-Trading and Authenticated-Roaming Scheme based on Blockchain for Smart Grid. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1 | 11.9 | 1 |
| 617 | Spatio-Temporal Land-Use/Land-Cover Change Dynamics in Coastal Plains in Hangzhou Bay Area, China from 2009 to 2020 Using Google Earth Engine. <i>Land</i> , 2021 , 10, 1149 | 3.5 | 1 |
| 616 | Intelligent Delay-Aware Partial Computing Task Offloading for Multi-User Industrial Internet of Things through Edge Computing. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 8 |
| 615 | An UAV-Enabled Intelligent Connected Transportation System With 6G Communications for Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-15 | 6.1 | 3 |
| 614 | TS-PADM: Anomaly Detection Model of Wireless Sensors Based on Spatial-Temporal Feature Points. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-10 | 1.9 | |

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|-----|---|------|----|
| 613 | An Intelligent Resource Allocation Scheme in Energy Harvesting Cognitive Wireless Sensor Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 1900-1912 | 4.9 | 7 |
| 612 | SIP: An Efficient and Secure Information Propagation Scheme in E-Health Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 1502-1516 | 4.9 | 2 |
| 611 | Design and Analysis of Network Behaviors for Optimizing Network Energy Efficiency in 5G Mmwave Systems. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 1842-1861 | 4.9 | 2 |
| 610 | . <i>IEEE Internet of Things Journal</i> , 2021 , 8, 6437-6453 | 10.7 | 21 |
| 609 | Research on Multifeature-Based Superposter Identification in Online Learning Forums. <i>Journal of Advanced Transportation</i> , 2021 , 2021, 1-10 | 1.9 | |
| 608 | An intelligent scheme for big data recovery in Internet of Things based on Multi-Attribute assistance and Extremely randomized trees. <i>Information Sciences</i> , 2021 , 557, 66-83 | 7.7 | 5 |
| 607 | Computation offloading optimization for UAV-assisted mobile edge computing: a deep deterministic policy gradient approach. <i>Wireless Networks</i> , 2021 , 27, 2991-3006 | 2.5 | 9 |
| 606 | Improved strength Pareto evolutionary algorithm based on reference direction and coordinated selection strategy. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 4693-4722 | 8.4 | 2 |
| 605 | Latent Discriminative Low-Rank Projection for Visual Dimension Reduction in Green Internet of Things. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 737-749 | 4 | 5 |
| 604 | A secured distributed detection system based on IPFS and blockchain for industrial image and video data security. <i>Journal of Parallel and Distributed Computing</i> , 2021 , 152, 128-143 | 4.4 | 22 |
| 603 | Design and analysis of statistical probability distribution and non-parametric trend analysis for reference evapotranspiration. <i>PeerJ</i> , 2021 , 9, e11597 | 3.1 | 4 |
| 602 | An Integral Data Gathering Framework for Supervisory Control and Data Acquisition Systems in Green IoT. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 714-726 | 4 | 5 |
| 601 | PPSF: A Privacy-Preserving and Secure Framework Using Blockchain-Based Machine-Learning for IoT-Driven Smart Cities. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 2326-2341 | 4.9 | 41 |
| 600 | ORP: An Online Rule Placement Scheme to Optimize the Traffic Overhead for Data Center Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 2183-2197 | 4.9 | 1 |
| 599 | Using Conditional Random Fields to Optimize a Self-Adaptive BelluPadula Model in Control Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 4505-4519 | 7.3 | 5 |
| 598 | Genetic scheduling policy on codelet model. <i>Concurrency Computation Practice and Experience</i> , 2021 , 33, 1-1 | 1.4 | |
| 597 | A trustworthiness-based vehicular recruitment scheme for information collections in Distributed Networked Systems. <i>Information Sciences</i> , 2021 , 545, 65-81 | 7.7 | 42 |
| 596 | EDM-Fuzzy: An Euclidean Distance Based Multiscale Fuzzy Entropy Technology for Diagnosing Faults of Industrial Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 4046-4054 | 11.9 | 9 |

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| 595 | Improving Spectrum Efficiency of Cell-Edge Devices by Incentive Architecture Applications With Dynamic Charging. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 795-808 | 11.9 | 8 |
| 594 | FSLM: An Intelligent Few-Shot Learning Model Based on Siamese Networks for IoT Technology. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 9717-9729 | 10.7 | 3 |
| 593 | Design and analysis of a decision intelligent system based on enzymatic numerical technology. <i>Information Sciences</i> , 2021 , 547, 450-469 | 7.7 | 1 |
| 592 | An Intelligent Collaboration Trust Interconnections System for Mobile Information Control in Ubiquitous 5G Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 347-365 | 4.9 | 37 |
| 591 | A many-objective evolutionary algorithm with reference points-based strengthened dominance relation. <i>Information Sciences</i> , 2021 , 554, 236-255 | 7.7 | 8 |
| 590 | . <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 4201-4216 | 7.3 | 5 |
| 589 | The Effective Cooperative Diffusion Strategies With Adaptation Ability by Learning Across Adaptive Network-Wide Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 4112-4126 | 7.3 | 3 |
| 588 | A Local Consensus Index Scheme for Random-Valued Impulse Noise Detection Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3412-3428 | 7.3 | 12 |
| 587 | Time-Based Access Control for Multi-attribute Data in Internet of Things. <i>Mobile Networks and Applications</i> , 2021 , 26, 797-807 | 2.9 | 3 |
| 586 | KNN-BLOCK DBSCAN: Fast Clustering for Large-Scale Data. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3939-3953 | 7.3 | 35 |
| 585 | SPPS: A Search Pattern Privacy System for Approximate Shortest Distance Query of Encrypted Graphs in IIoT. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-15 | 7.3 | 4 |
| 584 | Accelerating Federated Learning for IoT in Big Data Analytics With Pruning, Quantization and Selective Updating. <i>IEEE Access</i> , 2021 , 9, 38457-38466 | 3.5 | 7 |
| 583 | . <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 3 |
| 582 | TPS: A Topological Potential Scheme to Predict Influential Network Nodes for Intelligent Communication in Social Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 529-540 | 4.9 | 1 |
| 581 | Self-attention Mechanism Enhanced User Interests Modeling for Personalized Recommendation Services in Cyber-Physical-Social Systems. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1 | 4.9 | 1 |
| 580 | Machine Learning on Cloud with Blockchain: A Secure, Verifiable and Fair Approach to Outsource the Linear Regression for Data Analysis. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1 | 4.9 | 5 |
| 579 | An Effective Edge-Intelligent Service Placement Technology for 5G-and-beyond Industrial IoT. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1 | 11.9 | 4 |
| 578 | BTS: A Blockchain-based Trust System to Deter Malicious Data Reporting in Intelligent Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 3 |

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| 577 | A Fast Obstacle Detection Method by Fusion of Double-Layer Region Growing Algorithm and Grid-SECOND Detector. <i>IEEE Access</i> , 2021 , 9, 32053-32063 | 3.5 | 1 |
| 576 | An Atomic Cross-Chain Swap-Based Management System in Vehicular Ad Hoc Networks. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-14 | 1.9 | 2 |
| 575 | . <i>IEEE Access</i> , 2021 , 1-1 | 3.5 | 1 |
| 574 | A Reinforcement Learning Empowered Feedback Control System for Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1 | 11.9 | 8 |
| 573 | . <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 8 |
| 572 | Design and analysis of a robust breast cancer diagnostic system based on multimode MR images. <i>Mathematical Biosciences and Engineering</i> , 2021 , 18, 3578-3597 | 2.1 | |
| 571 | . <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12 | 7.3 | 1 |
| 570 | An Intelligent and Trust UAV-assisted Code Dissemination 5G System for Industrial Internet-of-Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1 | 11.9 | 4 |
| 569 | A Residual Chaotic System for Image Security and Digital Video Watermarking. <i>IEEE Access</i> , 2021 , 9, 121154-121166 | 3.5 | 1 |
| 568 | . <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1 | 4.9 | 1 |
| 567 | An Effective Early Message Ahead Join Adaptive Data Aggregation Scheme for Sustainable IoT. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 201-219 | 4.9 | 19 |
| 566 | Birds Classification Based on Deep Transfer Learning. <i>Lecture Notes in Computer Science</i> , 2021 , 173-183 | 0.9 | |
| 565 | Deep Reinforcement Learning Based on Spatial-Temporal Context for IoT Video Sensors Object Tracking. <i>Lecture Notes in Computer Science</i> , 2021 , 226-235 | 0.9 | |
| 564 | ATU: An Aggregate-Then-Update Diffusion Intelligent Estimation Scheme for Adaptive Networked Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12 | 7.3 | |
| 563 | State of Charge Estimation of Lithium-Ion Batteries Based on Temporal Convolutional Network and Transfer Learning. <i>IEEE Access</i> , 2021 , 9, 34177-34187 | 3.5 | 13 |
| 562 | Modified non-dominated sorting genetic algorithm III with fine final level selection. <i>Applied Intelligence</i> , 2021 , 51, 4236-4269 | 4.9 | 3 |
| 561 | Ensuring Cryptography Chips Security by Preventing Scan-Based Side-Channel Attacks With Improved DFT Architecture. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-15 | 7.3 | 4 |
| 560 | A Class of Differential Data Processing-based Data Gathering Schemes in Internet of Things. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1 | 4.9 | 1 |

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| 559 | A Short-Term Traffic Flow Prediction Model Based on an Improved Gate Recurrent Unit Neural Network. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-12 | 6.1 | 14 |
| 558 | A Smart Network Resource Management System for High Mobility Edge Computing in 5G Internet of vehicles. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1 | 4.9 | 6 |
| 557 | Rank-One Semidefinite Programming Solutions for Mobile Source Localization in Sensor Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 638-650 | 4.9 | 5 |
| 556 | A Deep Reinforcement Learning-Based Resource Management Game in Vehicular Edge Computing. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-12 | 6.1 | 2 |
| 555 | An Effective Seafire Dockerfile for Raspberry Pi to Make Docker YAML Files for Treehouses. <i>Lecture Notes in Computer Science</i> , 2021 , 127-135 | 0.9 | |
| 554 | ML-KELM: A Kernel Extreme Learning Machine Scheme for Multi-Label Classification of Real Time Data Stream in IIoT. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1 | 4.9 | 2 |
| 553 | Energy-Efficient Optimization Design for UAV-Assisted Wireless Powered MEC Systems. <i>Lecture Notes in Computer Science</i> , 2021 , 146-155 | 0.9 | |
| 552 | Semi-Skipping Layered Gated Unit and Efficient Network: Hybrid Deep Feature Selection Method for Edge Computing in EEG-Based Emotion Classification. <i>IEEE Access</i> , 2021 , 9, 13378-13389 | 3.5 | 2 |
| 551 | Optimal Target User Selection Policy for D2D Wireless Caching Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 2665-2678 | 4.9 | |
| 550 | A Source Prediction System for Dynamic Networks Based on TDOA Measurements. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 2388-2401 | 4.9 | 1 |
| 549 | A novel IoT network intrusion detection approach based on Adaptive Particle Swarm Optimization Convolutional Neural Network. <i>Information Sciences</i> , 2021 , 568, 147-162 | 7.7 | 24 |
| 548 | . <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5799-5809 | 11.9 | 4 |
| 547 | Residual Learning Diagnosis Detection: An Advanced Residual Learning Diagnosis Detection System for COVID-19 in Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 6510-6518 | 11.9 | 4 |
| 546 | An adaptive federated learning scheme with differential privacy preserving. <i>Future Generation Computer Systems</i> , 2021 , | 7.5 | 10 |
| 545 | Solving hybrid charging strategy electric vehicle based dynamic routing problem via evolutionary multi-objective optimization. <i>Swarm and Evolutionary Computation</i> , 2021 , 68, 100975 | 9.8 | 3 |
| 544 | . <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 6144-6152 | 11.9 | 5 |
| 543 | STMTO: A smart and trust multi-UAV task offloading system. <i>Information Sciences</i> , 2021 , 573, 519-540 | 7.7 | 8 |
| 542 | Channel pruning guided by spatial and channel attention for DNNs in intelligent edge computing. <i>Applied Soft Computing Journal</i> , 2021 , 110, 107636 | 7.5 | 2 |

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| 541 | QR-3S: A High Payload QR Code Secret Sharing System for Industrial Internet of Things in 6G Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 7213-7222 | 11.9 | 3 |
| 540 | Softwarized Attention-Based Context-Aware Group Recommendation Technology in Event-Based Industrial Cyber-Physical Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 6894-6905 | 11.9 | 1 |
| 539 | Research on strong agile response task scheduling optimization enhancement with optimal resource usage in green cloud computing. <i>Future Generation Computer Systems</i> , 2021 , 124, 12-20 | 7.5 | 50 |
| 538 | DRLR: A Deep Reinforcement Learning based Recruitment Scheme for Massive Data Collections in 6G-based IoT networks. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 11 |
| 537 | A UAV-Assisted Ubiquitous Trust Communication System in 5G and Beyond Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 1-1 | 14.2 | 12 |
| 536 | A Practical, Integrated Multi-Criteria Decision-Making Scheme for Choosing Cloud Services in Cloud Systems. <i>IEEE Access</i> , 2021 , 9, 88391-88404 | 3.5 | 2 |
| 535 | Trusted Resource Allocation Based on Smart Contracts for Blockchain-enabled Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 2 |
| 534 | . <i>IEEE Access</i> , 2021 , 9, 52252-52265 | 3.5 | 1 |
| 533 | A Novel Estimation Method for the State of Charge of Lithium-Ion Battery Using Temporal Convolutional Network Under Multiple Working Conditions. <i>Lecture Notes in Computer Science</i> , 2021 , 30-39 | 0.9 | |
| 532 | DLUP: A Deep Learning Utility Prediction Scheme for Solid-State Fermentation Services in IIoT. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1 | 11.9 | 0 |
| 531 | A Cloud-Assisted Reliable Trust Computing Scheme for Data Collection in Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1 | 11.9 | 2 |
| 530 | A Privacy-Preserving Image Retrieval Scheme Using Secure Local Binary Pattern in Cloud Computing. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 318-330 | 4.9 | 12 |
| 529 | ITCN: An Intelligent Trust Collaboration Network System in IoT. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1 | 4.9 | 9 |
| 528 | A Risk-Based Dynamic Decision-Making Approach for Cybersecurity Protection in Industrial Control Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3863-3870 | 7.3 | 7 |
| 527 | A Survey of Context-Aware Recommendation Schemes in Event-Based Social Networks. <i>Electronics (Switzerland)</i> , 2020 , 9, 1583 | 2.6 | 6 |
| 526 | A Survey on Knowledge Graph Embedding: Approaches, Applications and Benchmarks. <i>Electronics (Switzerland)</i> , 2020 , 9, 750 | 2.6 | 37 |
| 525 | A Survey on Steiner Tree Construction and Global Routing for VLSI Design. <i>IEEE Access</i> , 2020 , 8, 68593-68622 | 3.5 | 10 |
| 524 | MDFCBesNet: An Agricultural IoT System to Accurately Recognize Crop Diseases. <i>IEEE Access</i> , 2020 , 8, 115287-115298 | 3.5 | 26 |

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| 523 | . <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4344-4354 | 11.9 | 6 |
| 522 | . <i>IEEE Access</i> , 2020 , 8, 103848-103859 | 3.5 | 2 |
| 521 | Shape-Based Vessel Trajectory Similarity Computing and Clustering: A Brief Review 2020 , | | 2 |
| 520 | Networked Fault Detection of Field Equipment from Monitoring System Based on Fusing of Motion Sensing and Appearance Information. <i>Multimedia Tools and Applications</i> , 2020 , 79, 16319-16348 | 2.5 | 3 |
| 519 | Solving discounted {0-1} knapsack problems by a discrete hybrid teaching-learning-based optimization algorithm. <i>Applied Intelligence</i> , 2020 , 50, 1872-1888 | 4.9 | 11 |
| 518 | A Review of Research on Intersection Control Based on Connected Vehicles and Data-Driven Intelligent Approaches. <i>Electronics (Switzerland)</i> , 2020 , 9, 885 | 2.6 | 4 |
| 517 | Multi-scale Dynamic Convolutional Network for Knowledge Graph Embedding. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1 | 4.2 | 18 |
| 516 | . <i>IEEE Access</i> , 2020 , 8, 26266-26292 | 3.5 | 13 |
| 515 | RTDCM: A Coding Preemption Collection System for Key Data Prioritization With Hierarchical Probability Exchange Mechanism in Mobile Computing. <i>IEEE Access</i> , 2020 , 8, 4629-4639 | 3.5 | 4 |
| 514 | A Manifold Learning Two-Tier Beamforming Scheme Optimizes Resource Management in Massive MIMO Networks. <i>IEEE Access</i> , 2020 , 8, 22976-22987 | 3.5 | 4 |
| 513 | SlimRGBD: A Geographic Information Photography Noise Reduction System for Aerial Remote Sensing. <i>IEEE Access</i> , 2020 , 8, 15144-15158 | 3.5 | 4 |
| 512 | On automatic recommender algorithm with regularized convolutional neural network and IR technology in the self-regulated learning process. <i>Infrared Physics and Technology</i> , 2020 , 105, 103211 | 2.7 | 5 |
| 511 | Anomaly Detection Based on Convolutional Recurrent Autoencoder for IoT Time Series. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11 | 7.3 | 50 |
| 510 | A general location-authentication based secure participant recruitment scheme for vehicular crowdsensing. <i>Computer Networks</i> , 2020 , 171, 107152 | 5.4 | 3 |
| 509 | Semi-supervised learning quantization algorithm with deep features for motor imagery EEG Recognition in smart healthcare application. <i>Applied Soft Computing Journal</i> , 2020 , 89, 106071 | 7.5 | 19 |
| 508 | WGAN-E: A Generative Adversarial Networks for Facial Feature Security. <i>Electronics (Switzerland)</i> , 2020 , 9, 486 | 2.6 | 3 |
| 507 | An effective service-oriented networking management architecture for 5G-enabled internet of things. <i>Computer Networks</i> , 2020 , 173, 107208 | 5.4 | 56 |
| 506 | Adaptive Positioning Systems Based on Multiple Wireless Interfaces for Industrial IoT in Harsh Manufacturing Environments. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 899-914 | 14.2 | 11 |

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|-----|--|------|----|
| 505 | . <i>IEEE Network</i> , 2020 , 34, 22-29 | 11.4 | 16 |
| 504 | RFPS: A Robust Feature Points Detection of Audio Watermarking for Against Desynchronization Attacks in Cyber Security. <i>IEEE Access</i> , 2020 , 8, 63643-63653 | 3.5 | 7 |
| 503 | An Intelligent Game based Offloading Scheme for Maximizing Benefits of IoT-Edge-Cloud Ecosystems. <i>IEEE Internet of Things Journal</i> , 2020 , 1-1 | 10.7 | 25 |
| 502 | A novel coverless steganography method based on image selection and StarGAN. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 1-1 | 4.9 | 7 |
| 501 | A Systematic Scheme for Non-parametric Spatio-Temporal Trend Analysis about Aridity Index 2020 , | | 2 |
| 500 | X-ray image denoising based on wavelet transform and median filter. <i>Applied Mathematics and Nonlinear Sciences</i> , 2020 , 5, 435-442 | 4 | 5 |
| 499 | Privacy Protection for Medical Images based on DenseNet and Coverless Steganography. <i>Computers, Materials and Continua</i> , 2020 , 64, 1797-1817 | 3.9 | 3 |
| 498 | Coverless Image Steganography Based on Image Segmentation. <i>Computers, Materials and Continua</i> , 2020 , 64, 1281-1295 | 3.9 | 3 |
| 497 | A Distributed Privacy Preservation Approach for Big Data in Public Health Emergencies Using Smart Contract and SGX. <i>Computers, Materials and Continua</i> , 2020 , 65, 723-741 | 3.9 | 3 |
| 496 | COVID-19 Public Opinion and Emotion Monitoring System Based on Time Series Thermal New Word Mining. <i>Computers, Materials and Continua</i> , 2020 , 64, 1415-1434 | 3.9 | 9 |
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1 Priority-MECE: A Mobile Edge Cloud Ecosystem Based on Priority Tasks Offloading. *Mobile Networks and Applications*,1

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