# Zhi-Han Lv

## List of Publications by Citations

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

| | | | |
|---|---|---|---|
| 341 papers | 8,048 citations | 49 h-index | 73 g-index |
| 396 ext. papers | 10,711 ext. citations | 4.4 avg, IF | 7.69 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 341 | Next-Generation Big Data Analytics: State of the Art, Challenges, and Future Research Topics. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 1891-1899 | 11.9 | 220 |
| 340 | A Joint Multi-Criteria Utility-Based Network Selection Approach for Vehicle-to-Infrastructure Networking. *IEEE Transactions on Intelligent Transportation Systems*, **2018**, 19, 3305-3319 | 6.1 | 177 |
| 339 | Energy-Efficient Multi-Constraint Routing Algorithm With Load Balancing for Smart City Applications. *IEEE Internet of Things Journal*, **2016**, 3, 1437-1447 | 10.7 | 164 |
| 338 | Touch-less interactive augmented reality game on vision-based wearable device. *Personal and Ubiquitous Computing*, **2015**, 19, 551-567 | 2.1 | 161 |
| 337 | Game on, science - how video game technology may help biologists tackle visualization challenges. *PLoS ONE*, **2013**, 8, e57990 | 3.7 | 151 |
| 336 | Fuzzy System Based Medical Image Processing for Brain Disease Prediction. *Frontiers in Neuroscience*, **2021**, 15, 714318 | 5.1 | 143 |
| 335 | Interaction of Edge-Cloud Computing Based on SDN and NFV for Next Generation IoT. *IEEE Internet of Things Journal*, **2020**, 7, 5706-5712 | 10.7 | 129 |
| 334 | Efficient Deep CNN-Based Fire Detection and Localization in Video Surveillance Applications. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 1419-1434 | 7.3 | 126 |
| 333 | Fuzzy Detection Aided Real-Time and Robust Visual Tracking Under Complex Environments. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1 | 8.3 | 120 |
| 332 | Analysis of healthcare big data. *Future Generation Computer Systems*, **2020**, 109, 103-110 | 7.5 | 108 |
| 331 | Deep belief network and linear perceptron based cognitive computing for collaborative robots. *Applied Soft Computing Journal*, **2020**, 92, 106300 | 7.5 | 108 |
| 330 | . *IEEE Transactions on Industrial Informatics*, **2020**, 16, 1310-1320 | 11.9 | 106 |
| 329 | A Many-Objective Optimization Model of Industrial Internet of Things Based on Private Blockchain. *IEEE Network*, **2020**, 34, 78-83 | 11.4 | 104 |
| 328 | Semi-Supervised Support Vector Machine for Digital Twins Based Brain Image Fusion. *Frontiers in Neuroscience*, **2021**, 15, 705323 | 5.1 | 104 |
| 327 | Trustworthiness in Industrial IoT Systems Based on Artificial Intelligence. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 1496-1504 | 11.9 | 102 |
| 326 | Multiobjective Evolution of Fuzzy Rough Neural Network via Distributed Parallelism for Stock Prediction. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 939-952 | 8.3 | 94 |
| 325 | . *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 2702-2710 | 8.3 | 94 |

| 306 | Virtual Reality Smart City Based on WebVRGIS. *IEEE Internet of Things Journal*, **2016**, 3, 1015-1024 | 10.7 | 64 |
|---|---|---|---|
| 305 | Collaborative Multi-hop Routing in Cognitive Wireless Networks. *Wireless Personal Communications*, **2016**, 86, 901-923 | 1.9 | 59 |
| 304 | Stereoscopic image quality assessment method based on binocular combination saliency model. *Signal Processing*, **2016**, 125, 237-248 | 4.4 | 57 |
| 303 | Wearable Vision Assistance System Based on Binocular Sensors for Visually Impaired Users. *IEEE Internet of Things Journal*, **2019**, 6, 1375-1383 | 10.7 | 57 |
| 302 | Intelligent edge computing based on machine learning for smart city. *Future Generation Computer Systems*, **2021**, 115, 90-99 | 7.5 | 57 |
| 301 | Rapid Delaunay triangulation for randomly distributed point cloud data using adaptive Hilbert curve. *Computers and Graphics*, **2016**, 54, 65-74 | 1.8 | 53 |
| 300 | A Distributed Parallel Cooperative Coevolutionary Multiobjective Evolutionary Algorithm for Large-Scale Optimization. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 2030-2038 | 11.9 | 53 |
| 299 | A Low-Power and Portable Biomedical Device for Respiratory Monitoring with a Stable Power Source. *Sensors*, **2015**, 15, 19618-32 | 3.8 | 52 |
| 298 | Advanced Machine-Learning Methods for Brain-Computer Interfacing. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2021**, 18, 1688-1698 | 3 | 52 |
| 297 | Change detection method for remote sensing images based on an improved Markov random field. *Multimedia Tools and Applications*, **2017**, 76, 17719-17734 | 2.5 | 51 |
| 296 | Robust environmental closed-loop supply chain design under uncertainty. *Chaos, Solitons and Fractals*, **2016**, 89, 195-202 | 9.3 | 50 |
| 295 | Secure video summarization framework for personalized wireless capsule endoscopy. *Pervasive and Mobile Computing*, **2017**, 41, 436-450 | 3.5 | 49 |
| 294 | The security of Internet of drones. *Computer Communications*, **2019**, 148, 208-214 | 5.1 | 49 |
| 293 | Bigdata Oriented Multimedia Mobile Health Applications. *Journal of Medical Systems*, **2016**, 40, 120 | 5.1 | 48 |
| 292 | Artificial intelligence for securing industrial-based cyberphysical systems. *Future Generation Computer Systems*, **2021**, 117, 291-298 | 7.5 | 48 |
| 291 | A real-time and ubiquitous network attack detection based on deep belief network and support vector machine. *IEEE/CAA Journal of Automatica Sinica*, **2020**, 7, 790-799 | 7 | 46 |
| 290 | Research on Disease Prediction Based on Improved DeepFM and IoMT. *IEEE Access*, **2021**, 9, 39043-39054 | 3.5 | 46 |
| 289 | Assessment of lively street network based on geographic information system and space syntax. *Multimedia Tools and Applications*, **2017**, 76, 17801-17819 | 2.5 | 45 |

| | | | |
|---|---|---|---|
| 288 | . *IEEE Access*, **2017**, 5, 8214-8221 | 3.5 | 44 |
| 287 | Big data analysis of the Internet of Things in the digital twins of smart city based on deep learning. *Future Generation Computer Systems*, **2022**, 128, 167-177 | 7.5 | 44 |
| 286 | Cyber security in smart cities: A review of deep learning-based applications and case studies. *Sustainable Cities and Society*, **2021**, 66, 102655 | 10.1 | 44 |
| 285 | A task scheduling algorithm considering game theory designed for energy management in cloud computing. *Future Generation Computer Systems*, **2020**, 105, 985-992 | 7.5 | 43 |
| 284 | A SDN-based fine-grained measurement and modeling approach to vehicular communication network traffic. *International Journal of Communication Systems*, **2019**, e4092 | 1.7 | 42 |
| 283 | Diversified Technologies in Internet of Vehicles Under Intelligent Edge Computing. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 2048-2059 | 6.1 | 42 |
| 282 | Industrial Security Solution for Virtual Reality. *IEEE Internet of Things Journal*, **2021**, 8, 6273-6281 | 10.7 | 41 |
| 281 | Deep-Learning-Enabled Security Issues in the Internet of Things. *IEEE Internet of Things Journal*, **2021**, 8, 9531-9538 | 10.7 | 40 |
| 280 | QoE-Aware Efficient Content Distribution Scheme for Satellite-Terrestrial Networks. *IEEE Transactions on Mobile Computing*, **2021**, 1-1 | 4.6 | 40 |
| 279 | Spatio-Temporal Kronecker Compressive Sensing for Traffic Matrix Recovery. *IEEE Access*, **2016**, 4, 3046-3053 | 3.9 | 39 |
| 278 | Optimization of real-time traffic network assignment based on IoT data using DBN and clustering model in smart city. *Future Generation Computer Systems*, **2020**, 108, 976-986 | 7.5 | 39 |
| 277 | An energy-efficient multicast algorithm with maximum network throughput in multi-hop wireless networks. *Journal of Communications and Networks*, **2016**, 18, 713-724 | 4.1 | 38 |
| 276 | Quality Index for Stereoscopic Images by Separately Evaluating Adding and Subtracting. *PLoS ONE*, **2015**, 10, e0145800 | 3.7 | 38 |
| 275 | Solving the Security Problem of Intelligent Transportation System With Deep Learning. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-10 | 6.1 | 37 |
| 274 | Deployment optimization for 3D industrial wireless sensor networks based on particle swarm optimizers with distributed parallelism. *Journal of Network and Computer Applications*, **2018**, 103, 225-238 | 7.9 | 37 |
| 273 | Virtual reality in the context of Internet of Things. *Neural Computing and Applications*, **2020**, 32, 9593-9602 | 4.8 | 37 |
| 272 | WebVRGIS based traffic analysis and visualization system. *Advances in Engineering Software*, **2016**, 93, 1-8 | 3.6 | 35 |
| 271 | . *IEEE Network*, **2021**, 35, 44-49 | 11.4 | 35 |

| | | | |
|---|---|---|---|
| 270 | Towards a face recognition method based on uncorrelated discriminant sparse preserving projection. *Multimedia Tools and Applications*, **2017**, 76, 17669-17683 | 2.5 | 34 |
| 269 | A Fast Image Retrieval Method Designed for Network Big Data. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 2350-2359 | 11.9 | 34 |
| 268 | MCRS: A course recommendation system for MOOCs. *Multimedia Tools and Applications*, **2018**, 77, 7051-7069 | 2.5 | 34 |
| 267 | ELDC: An Artificial Neural Network Based Energy-Efficient and Robust Routing Scheme for Pollution Monitoring in WSNs. *IEEE Transactions on Emerging Topics in Computing*, **2020**, 8, 106-114 | 4.1 | 34 |
| 266 | A multicast delivery approach with minimum energy consumption for wireless multi-hop networks. *Telecommunication Systems*, **2016**, 62, 771-782 | 2.3 | 33 |
| 265 | PMU Placement in Electric Transmission Networks for Reliable State Estimation Against False Data Injection Attacks. *IEEE Internet of Things Journal*, **2017**, 4, 1978-1986 | 10.7 | 33 |
| 264 | Machine learning-assisted signature and heuristic-based detection of malwares in Android devices. *Computers and Electrical Engineering*, **2018**, 69, 828-841 | 4.3 | 33 |
| 263 | Compression-Then-Encryption-Based Secure Watermarking Technique for Smart Healthcare System. *IEEE MultiMedia*, **2020**, 27, 133-143 | 2.1 | 32 |
| 262 | 3-D Multiobjective Deployment of an Industrial Wireless Sensor Network for Maritime Applications Utilizing a Distributed Parallel Algorithm. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 5487-5495 | 11.9 | 32 |
| 261 | Multi-dimensional visualization of large-scale marine hydrological environmental data. *Advances in Engineering Software*, **2016**, 95, 7-15 | 3.6 | 32 |
| 260 | Mobile crowd sensing of human-like intelligence using social sensors: A survey. *Neurocomputing*, **2018**, 279, 3-10 | 5.4 | 32 |
| 259 | Soft frequency reuse-based optimization algorithm for energy efficiency of multi-cell networks. *Computers and Electrical Engineering*, **2018**, 66, 316-331 | 4.3 | 31 |
| 258 | WebVRⅢWeb Virtual Reality Engine Based on P2P network. *Journal of Networks*, **2011**, 6, | | 31 |
| 257 | Quality assessment metric of stereo images considering cyclopean integration and visual saliency. *Information Sciences*, **2016**, 373, 251-268 | 7.7 | 30 |
| 256 | ARGIS-based outdoor underground pipeline information system. *Journal of Visual Communication and Image Representation*, **2016**, 40, 779-790 | 2.7 | 30 |
| 255 | Assessing Essential Qualities of Urban Space with Emotional and Visual Data Based on GIS Technique. *ISPRS International Journal of Geo-Information*, **2016**, 5, 218 | 2.9 | 30 |
| 254 | Big Data Analysis Technology for Electric Vehicle Networks in Smart Cities. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 1807-1816 | 6.1 | 29 |
| 253 | Multimedia recommendation and transmission system based on cloud platform. *Future Generation Computer Systems*, **2017**, 70, 94-103 | 7.5 | 28 |

| | | | |
|---|---|---|---|
| 252 | A survey on 5G/6G, AI, and Robotics. *Computers and Electrical Engineering*, **2021**, 95, 107372 | 4.3 | 28 |
| 251 | A Bayesian approach for sleep and wake classification based on dynamic time warping method. *Multimedia Tools and Applications*, **2017**, 76, 17765-17784 | 2.5 | 27 |
| 250 | Internet cross-media retrieval based on deep learning. *Journal of Visual Communication and Image Representation*, **2017**, 48, 356-366 | 2.7 | 27 |
| 249 | Cyclist Social Force Model at Unsignalized Intersections With Heterogeneous Traffic. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 782-792 | 11.9 | 27 |
| 248 | Trust Mechanism of Multimedia Network. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2021**, | 3.4 | 27 |
| 247 | . *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-10 | 6.1 | 27 |
| 246 | The Influence of Immersive Virtual Reality Systems on Online Social Application. *Applied Sciences (Switzerland)*, **2020**, 10, 5058 | 2.6 | 27 |
| 245 | . *IEEE Network*, **2021**, 35, 67-73 | 11.4 | 27 |
| 244 | Hand-free motion interaction on Google Glass **2014**, | | 26 |
| 243 | AI Empowered Communication Systems for Intelligent Transportation Systems. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 4579-4587 | 6.1 | 26 |
| 242 | Many-Objective Deployment Optimization for a Drone-Assisted Camera Network. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1 | 4.9 | 26 |
| 241 | Deep Learning in Security of Internet of Things. *IEEE Internet of Things Journal*, **2021**, 1-1 | 10.7 | 26 |
| 240 | Data-driven accurate design of variable blank holder force in sheet forming under interval uncertainty using sequential approximate multi-objective optimization. *Future Generation Computer Systems*, **2018**, 86, 1242-1250 | 7.5 | 25 |
| 239 | A game based assistive tool for rehabilitation of dysphonic patients **2015**, | | 25 |
| 238 | Optimization of collaborative resource allocation for mobile edge computing. *Computer Communications*, **2020**, 161, 19-27 | 5.1 | 25 |
| 237 | An Optimized Byzantine Fault Tolerance Algorithm for Consortium Blockchain. *Peer-to-Peer Networking and Applications*, **2021**, 14, 2826-2839 | 3.1 | 25 |
| 236 | Development and Characterization a Single-Active-Chamber Piezoelectric Membrane Pump with Multiple Passive Check Valves. *Sensors*, **2016**, 16, | 3.8 | 25 |
| 235 | MOOCRC: A Highly Accurate Resource Recommendation Model for Use in MOOC Environments. *Mobile Networks and Applications*, **2019**, 24, 34-46 | 2.9 | 25 |

| | | | |
|---|---|---|---|
| 234 | Design of Miniaturized Dual-Band Microstrip Antenna for WLAN Application. *Sensors*, **2016**, 16, | 3.8 | 24 |
| 233 | . *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 5275-5282 | 6.1 | 24 |
| 232 | Wearable Smartphone: Wearable Hybrid Framework for Hand and Foot Gesture Interaction on Smartphone **2013**, | | 23 |
| 231 | A Survey on Healthcare Data: A Security Perspective. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2021**, 17, 1-26 | 3.4 | 23 |
| 230 | . *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 2133-2139 | 6.1 | 22 |
| 229 | RFID Reader Anticollision Based on Distributed Parallel Particle Swarm Optimization. *IEEE Internet of Things Journal*, **2021**, 8, 3099-3107 | 10.7 | 22 |
| 228 | Traffic Management and Forecasting System Based on 3D GIS **2015**, | | 21 |
| 227 | Decision Optimization of Low-Carbon Dual-Channel Supply Chain of Auto Parts Based on Smart City Architecture. *Complexity*, **2020**, 2020, 1-14 | 1.6 | 21 |
| 226 | Building investor trust in the P2P lending platform with a focus on Chinese P2P lending platforms. *Electronic Commerce Research*, **2018**, 18, 203-224 | 2.1 | 21 |
| 225 | Assessment of Urban Fabric for Smart Cities. *IEEE Access*, **2016**, 4, 373-382 | 3.5 | 21 |
| 224 | Modeling network traffic for traffic matrix estimation and anomaly detection based on Bayesian network in cloud computing networks. *Annales Des Telecommunications/Annals of Telecommunications*, **2017**, 72, 297-305 | 2 | 21 |
| 223 | Quality Index for Stereoscopic Images by Jointly Evaluating Cyclopean Amplitude and Cyclopean Phase. *IEEE Journal on Selected Topics in Signal Processing*, **2017**, 11, 89-101 | 7.5 | 21 |
| 222 | An intelligent optimization-based traffic information acquirement approach to software-defined networking. *Computational Intelligence*, **2020**, 36, 151-171 | 2.5 | 21 |
| 221 | A clogging resistant secure authentication scheme for fog computing services. *Computer Networks*, **2021**, 185, 107731 | 5.4 | 21 |
| 220 | Application of machine learning in ocean data. *Multimedia Systems*,1 | 2.2 | 21 |
| 219 | Effectively Measuring Respiratory Flow With Portable Pressure Data Using Back Propagation Neural Network. *IEEE Journal of Translational Engineering in Health and Medicine*, **2018**, 6, 1600112 | 3 | 20 |
| 218 | Extending touch-less interaction on vision based wearable device **2015**, | | 20 |
| 217 | Fine-Grained Visual Computing Based on Deep Learning. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2021**, 17, 1-19 | 3.4 | 20 |

| 216 | . *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 1868-1880 | 6.1 | 20 |
|---|---|---|---|
| 215 | Analysis of the Security of Internet of Multimedia Things. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2021**, 16, 1-16 | 3.4 | 20 |
| 214 | Differential Evolution-Based 3-D Directional Wireless Sensor Network Deployment Optimization. *IEEE Internet of Things Journal*, **2018**, 5, 3594-3605 | 10.7 | 19 |
| 213 | A Framework for Multi-Dimensional WebGIS Based Interactive Online Virtual Community. *Advanced Science Letters*, **2012**, 7, 215-219 | 0.1 | 19 |
| 212 | . *IEEE Internet of Things Journal*, **2021**, 1-1 | 10.7 | 19 |
| 211 | AI-empowered IoT Security for Smart Cities. *ACM Transactions on Internet Technology*, **2021**, 21, 1-21 | 3.8 | 19 |
| 210 | Security of Internet of Things edge devices. *Software - Practice and Experience*, **2020**, | 2.5 | 18 |
| 209 | . *IEEE Internet of Things Journal*, **2020**, 7, 8012-8024 | 10.7 | 18 |
| 208 | Big Data Analysis of Internet of Things System. *ACM Transactions on Internet Technology*, **2021**, 21, 1-15 | 3.8 | 18 |
| 207 | Construction of intelligent traffic information recommendation system based on long short-term memory. *Journal of Computational Science*, **2018**, 26, 78-86 | 3.4 | 17 |
| 206 | Multiobjective Evolution of the Explainable Fuzzy Rough Neural Network with Gene Expression Programming. *IEEE Transactions on Fuzzy Systems*, **2022**, 1-1 | 8.3 | 16 |
| 205 | Virtual Reality Based GIS Analysis Platform. *Lecture Notes in Computer Science*, **2015**, 638-645 | 0.9 | 16 |
| 204 | Digital Twins in Unmanned Aerial Vehicles for Rapid Medical Resource Delivery in Epidemics. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-9 | 6.1 | 16 |
| 203 | The research on optimization of auto supply chain network robust model under macroeconomic fluctuations. *Chaos, Solitons and Fractals*, **2016**, 89, 105-114 | 9.3 | 15 |
| 202 | Hand and foot gesture interaction for handheld devices **2013**, | | 15 |
| 201 | Venue Topic Model–Enhanced Joint Graph Modelling for Citation Recommendation in Scholarly Big Data. *ACM Transactions on Asian and Low-Resource Language Information Processing*, **2021**, 20, 1-15 | 1.1 | 15 |
| 200 | Towards a resource migration method in cloud computing based on node failure rule. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2611-2618 | 1.6 | 15 |
| 199 | Local Stereo Matching Based on Support Weight With Motion Flow for Dynamic Scene. *IEEE Access*, **2016**, 4, 4840-4847 | 3.5 | 15 |

| | | | |
|---|---|---|---|
| 198 | . *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-10 | 6.1 | 15 |
| 197 | Reliable vehicle type recognition based on information fusion in multiple sensor networks. *Computer Networks*, **2017**, 117, 76-84 | 5.4 | 14 |
| 196 | Interaction with Three-Dimensional Gesture and Character Input in Virtual Reality: Recognizing Gestures in Different Directions and Improving User Input. *IEEE Consumer Electronics Magazine*, **2018**, 7, 64-72 | 3.2 | 14 |
| 195 | Distributed parallel cooperative coevolutionary multi-objective large-scale immune algorithm for deployment of wireless sensor networks. *Future Generation Computer Systems*, **2018**, 82, 256-267 | 7.5 | 14 |
| 194 | Marine surveying and mapping system based on Cloud Computing and Internet of Things. *Future Generation Computer Systems*, **2018**, 85, 39-50 | 7.5 | 14 |
| 193 | Fast and robust feature tracking for 3D reconstruction. *Optics and Laser Technology*, **2019**, 110, 120-128 | 4.2 | 14 |
| 192 | Finger in air **2013**, | | 14 |
| 191 | Safety Poka Yoke in Zero-Defect Manufacturing Based on Digital Twins. *IEEE Transactions on Industrial Informatics*, **2022**, 1-1 | 11.9 | 14 |
| 190 | Toward architectural and protocol-level foundation for end-to-end trustworthiness in Cloud/Fog computing. *IEEE Transactions on Big Data*, **2017**, 1-1 | 3.2 | 13 |
| 189 | Evaluation of Kinect2 based balance measurement. *Neurocomputing*, **2016**, 208, 290-298 | 5.4 | 13 |
| 188 | Research and Application of the 3D Virtual Community Based on WEBVR and RIA. *Journal of Computer and Information Science*, **2009**, 2, | 1.3 | 13 |
| 187 | Advanced Machine Learning on Cognitive Computing for Human Behavior Analysis. *IEEE Transactions on Computational Social Systems*, **2020**, 1-9 | 4.5 | 13 |
| 186 | A polymorphic heterogeneous security architecture for edge-enabled smart grids. *Sustainable Cities and Society*, **2021**, 67, 102661 | 10.1 | 13 |
| 185 | Data analytics of urban fabric metrics for smart cities. *Future Generation Computer Systems*, **2020**, 107, 871-882 | 7.5 | 13 |
| 184 | Non-uniformity quantification of temperature and concentration fields by statistical measure and image analysis. *Applied Thermal Engineering*, **2017**, 124, 1134-1141 | 5.8 | 12 |
| 183 | Hypothesis-testing combined with image analysis to quantify evolution of bubble swarms in a direct-contact boiling heat transfer process. *Applied Thermal Engineering*, **2017**, 113, 851-857 | 5.8 | 12 |
| 182 | ARPPS: Augmented Reality Pipeline Prospect System. *Lecture Notes in Computer Science*, **2015**, 647-656 | 0.9 | 12 |
| 181 | Head Orientation Modeling: Geometric Head Pose Estimation using Monocular Camera **2013**, | | 12 |

| | | | |
|---|---|---|---|
| 180 | The Security of Medical Data on Internet Based on Differential Privacy Technology. *ACM Transactions on Internet Technology*, **2021**, 21, 1-18 | 3.8 | 12 |
| 179 | Analysis of Camera Arrays Applicable to the Internet of Things. *Sensors*, **2016**, 16, | 3.8 | 12 |
| 178 | . *IEEE Transactions on Big Data*, **2019**, 5, 495-505 | 3.2 | 12 |
| 177 | AI-Assisted Energy-Efficient and Intelligent Routing for Reconfigurable Wireless Networks. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1 | 4.9 | 12 |
| 176 | Cryptanalysis and improvement of Panda - public auditing for shared data in cloud and internet of things. *Multimedia Tools and Applications*, **2017**, 76, 19411-19428 | 2.5 | 11 |
| 175 | Serious game based personalized healthcare system for dysphonia rehabilitation. *Pervasive and Mobile Computing*, **2017**, 41, 504-519 | 3.5 | 11 |
| 174 | Measure of bubble non-uniformity within circular region in a direct-contact heat exchanger. *International Journal of Heat and Mass Transfer*, **2017**, 110, 257-261 | 4.9 | 11 |
| 173 | XEarth: A 3D GIS platform for managing massive city information **2015**, | | 11 |
| 172 | Marine depth mapping algorithm based on the edge computing in Internet of things. *Journal of Parallel and Distributed Computing*, **2018**, 114, 95-103 | 4.4 | 11 |
| 171 | Open3D **2016**, | | 11 |
| 170 | Foot motion sensing **2014**, | | 11 |
| 169 | Dynamic systems based on preference graph and distance. *Discrete and Continuous Dynamical Systems - Series S*, **2015**, 8, 1139-1154 | 2.8 | 11 |
| 168 | Quality assessment for virtual reality technology based on real scene. *Neural Computing and Applications*, **2018**, 29, 1199-1208 | 4.8 | 10 |
| 167 | E-government multimedia big data platform for disaster management. *Multimedia Tools and Applications*, **2018**, 77, 10077-10089 | 2.5 | 10 |
| 166 | Federated Neural Architecture Search for Medical Data Security. *IEEE Transactions on Industrial Informatics*, **2022**, 1-1 | 11.9 | 10 |
| 165 | WebVRGIS: A P2P Network Engine for VR Data and GIS Analysis. *Lecture Notes in Computer Science*, **2013**, 503-510 | 0.9 | 10 |
| 164 | Towards the design of effective freehand gestural interaction for interactive TV. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2659-2674 | 1.6 | 10 |
| 163 | Spark-Based Parallel Cooperative Co-evolution Particle Swarm Optimization Algorithm **2016**, | | 10 |

| | | | |
|---|---|---|---|
| 162 | Upper Limb Rehabilitation System for Stroke Survivors Based on Multi-Modal Sensors and Machine Learning. *IEEE Access*, **2021**, 9, 30283-30291 | 3.5 | 10 |
| 161 | A Cyber-Physical System for Product Conceptual Design Based on an Intelligent Psycho-Physiological Approach. *IEEE Access*, **2017**, 5, 5378-5387 | 3.5 | 9 |
| 160 | An event-driven dynamic updating method for 3D geo-databases. *Geo-Spatial Information Science*, **2016**, 19, 140-147 | 3.5 | 9 |
| 159 | Basic Research Methodology in Wireless Communications: The First Course for Research-Based Graduate Students. *IEEE Access*, **2019**, 7, 86678-86696 | 3.5 | 9 |
| 158 | Imagining in-air interaction for hemiplegia sufferer **2015**, | | 9 |
| 157 | Deep Learning-based Smart Predictive Evaluation for Interactive Multimedia-enabled Smart Healthcare. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2022**, 18, 1-20 | 3.4 | 9 |
| 156 | Introduction to the Special Issue on Recent Trends in Medical Data Security for e-Health Applications. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2021**, 17, 1-3 | 3.4 | 9 |
| 155 | Can blockchain link the future?. *Digital Communications and Networks*, **2021**, | 5.9 | 9 |
| 154 | Sequential Behavior Pattern Discovery with Frequent Episode Mining and Wireless Sensor Network **2017**, 55, 205-211 | | 8 |
| 153 | . *IEEE Transactions on Big Data*, **2017**, 3, 107-117 | 3.2 | 8 |
| 152 | Spatial query based virtual reality GIS analysis platform. *Neurocomputing*, **2018**, 274, 88-98 | 5.4 | 8 |
| 151 | A Global Optimal Path Planning and Controller Design Algorithm for Intelligent Vehicles. *Mobile Networks and Applications*, **2018**, 23, 1165-1178 | 2.9 | 8 |
| 150 | Improving performance of medical image fusion using histogram, dictionary learning and sparse representation. *Multimedia Tools and Applications*, **2019**, 78, 34459-34482 | 2.5 | 8 |
| 149 | WebVRGIS: WebGIS Based Interactive Online 3D Virtual Community **2013**, | | 8 |
| 148 | Nonrigid Optical Flow Ground Truth for Real-World Scenes With Time-Varying Shading Effects. *IEEE Robotics and Automation Letters*, **2017**, 2, 231-238 | 4.2 | 8 |
| 147 | GPU-accelerated SPH fluids surface reconstruction using two-level spatial uniform grids. *Visual Computer*, **2017**, 33, 1429-1442 | 2.3 | 8 |
| 146 | Virtual geographic environment based coach passenger flow forecasting **2015**, | | 8 |
| 145 | A robust energy-efficient routing algorithm to cloud computing networks for learning. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2483-2495 | 1.6 | 8 |

| 144 | . *IEEE Transactions on Big Data*, **2019**, 5, 529-539 | 3.2 | 8 |
|-----|---|---|---|
| 143 | Survey on atrial fibrillation detection from a single-lead ECG wave for Internet of Medical Things. *Computer Communications*, **2021**, 178, 245-258 | 5.1 | 8 |
| 142 | BlockNet: Beyond reliable spatial Digital Twins to Parallel Metaverse. *Patterns*, **2022**, 3, 100468 | 5.1 | 8 |
| 141 | A real-time image dehazing method considering dark channel and statistics features. *Journal of Real-Time Image Processing*, **2017**, 13, 479-490 | 1.9 | 7 |
| 140 | Adaptive cutoff distance: Clustering by fast search and find of density peaks. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2619-2628 | 1.6 | 7 |
| 139 | Spatially Regularized Latent Topic Model for Simultaneous Object Discovery and Segmentation **2015**, | | 7 |
| 138 | Clinical Feedback and Technology Selection of Game Based Dysphonic Rehabilitation Tool **2015**, | | 7 |
| 137 | Deployment optimization of multi-stage investment portfolio service and hybrid intelligent algorithm under edge computing. *PLoS ONE*, **2021**, 16, e0252244 | 3.7 | 7 |
| 136 | Style-sensitive 3D model retrieval through sketch-based queries. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2637-2644 | 1.6 | 7 |
| 135 | Artificial Intelligence in Underwater Digital Twins Sensor Networks. *ACM Transactions on Sensor Networks*, | 2.9 | 7 |
| 134 | . *IEEE Transactions on Emerging Topics in Computing*, **2017**, 5, 403-411 | 4.1 | 6 |
| 133 | A novel breast ultrasound image automated segmentation algorithm based on seeded region growing integrating gradual equipartition threshold. *Multimedia Tools and Applications*, **2019**, 78, 27915-27932 | 2.5 | 6 |
| 132 | Anaglyph 3D Stereoscopic Visualization of 2D Video Based on Fundamental Matrix **2013**, | | 6 |
| 131 | Empirical Analysis and Modeling of the Activity Dilemmas in Big Social Networks. *IEEE Access*, **2017**, 5, 967-974 | 3.5 | 6 |
| 130 | Design of an I-Shaped Less-Than-Truckload Cross-Dock: A Simulation Experiment Study. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2015**, 25, 1540019 | 2 | 6 |
| 129 | Serious game based dysphonic rehabilitation tool **2015**, | | 6 |
| 128 | Plane surface detection and reconstruction using segment-based tensor voting. *Journal of Visual Communication and Image Representation*, **2016**, 40, 831-837 | 2.7 | 6 |
| 127 | MALDC: a depth detection method for malware based on behavior chains. *World Wide Web*, **2020**, 23, 991-1010 | 2.9 | 6 |

| | | | |
|---|---|---|---|
| 126 | . *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-11 | 6.1 | 6 |
| 125 | Beyond 5G for digital twins of UAVs. *Computer Networks*, **2021**, 197, 108366 | 5.4 | 6 |
| 124 | Gender based face aging with cycle-consistent adversarial networks. *Image and Vision Computing*, **2020**, 100, 103945 | 3.7 | 5 |
| 123 | Virtual Reality Assistant Technology for Learning Primary Geography. *Lecture Notes in Computer Science*, **2016**, 31-40 | 0.9 | 5 |
| 122 | Multiple-antenna systems and multiuser communications: Fundamentals and an overview of software-based modeling techniques. *Computers and Electrical Engineering*, **2017**, 64, 45-64 | 4.3 | 5 |
| 121 | Bringing immersive enjoyment to hyperbaric oxygen chamber users using virtual reality glasses **2015**, | | 5 |
| 120 | Intuitive Evaluation of Kinect2 based Balance Measurement Software **2015**, | | 5 |
| 119 | Emotion Recognition of Chinese Paintings at the Thirteenth National Exhibition of Fines Arts in China Based on Advanced Affective Computing. *Frontiers in Psychology*, **2021**, 12, 741665 | 3.4 | 5 |
| 118 | . *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 2117-2125 | 4.9 | 5 |
| 117 | An online marking system conducive to learning. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2463-2471 | 2.6 | 5 |
| 116 | Tracking objects in video-based education using an enhanced particle filter. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2573-2581 | 1.6 | 5 |
| 115 | Pheromone based alternative route planning. *Digital Communications and Networks*, **2016**, 2, 151-158 | 5.9 | 5 |
| 114 | New metrics for measuring multiphase mixing effects in a direct-contact heat exchanger. *Applied Thermal Engineering*, **2019**, 147, 592-601 | 5.8 | 5 |
| 113 | FLDS: An Intelligent Feature Learning Detection System for Visualizing Medical Images Supporting Fetal Four-chamber Views. *IEEE Journal of Biomedical and Health Informatics*, **2021**, PP, | 7.2 | 5 |
| 112 | Fast and robust local feature extraction for 3D reconstruction. *Computers and Electrical Engineering*, **2018**, 71, 657-666 | 4.3 | 5 |
| 111 | AI-enabled IoT-Edge Data Analytics for Connected Living. *ACM Transactions on Internet Technology*, **2021**, 21, 1-20 | 3.8 | 5 |
| 110 | A real-time and high-precision method for small traffic-signs recognition. *Neural Computing and Applications*, | 4.8 | 5 |
| 109 | Detecting ground control points via convolutional neural network for stereo matching. *Multimedia Tools and Applications*, **2017**, 76, 18473-18488 | 2.5 | 4 |

| | | | |
|---|---|---|---|
| 108 | IEEE Access Special Section Editorial: Multimedia Analysis for Internet-of-Things. *IEEE Access*, **2019**, 7, 65211-65218 | 3.5 | 4 |
| 107 | . *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-10 | 6.1 | 4 |
| 106 | 3D Face Similarity Measure by Fréhet Distances of Geodesics. *Journal of Computer Science and Technology*, **2018**, 33, 207-222 | 1.7 | 4 |
| 105 | Comparing Kinect2 based Balance Measurement Software to Wii Balance Board **2015**, | | 4 |
| 104 | A Multi-Vehicle Longitudinal Trajectory Collision Avoidance Strategy using AEBS with Vehicle-Infrastructure Communication. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1 | 6.8 | 4 |
| 103 | RLDS: An explainable residual learning diagnosis system for fetal congenital heart disease. *Future Generation Computer Systems*, **2022**, 128, 205-218 | 7.5 | 4 |
| 102 | An Optimized Chameleon Algorithm based on Local Features **2018**, | | 4 |
| 101 | Dynamic access approach to multiple channels in pervasive wireless multimedia communications for technology enhanced learning. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2497-2509 | 1.6 | 4 |
| 100 | Robust3D: a robust 3D face reconstruction application. *Neural Computing and Applications*, **2020**, 32, 8893-8900 | 4.8 | 4 |
| 99 | Two-Pass K Nearest Neighbor Search for Feature Tracking. *IEEE Access*, **2018**, 6, 72939-72951 | 3.5 | 4 |
| 98 | Smart City Construction and Management by Digital Twins and BIM Big Data in COVID-19 Scenario. *ACM Transactions on Multimedia Computing, Communications and Applications*, | 3.4 | 4 |
| 97 | Artificial intelligence in the digital twins: State of the art, challenges, and future research topics. *Digital Twin*,1, 12 | | 4 |
| 96 | Complexity Problems Handled by Big Data Technology. *Complexity*, **2019**, 2019, 1-7 | 1.6 | 3 |
| 95 | Learn to model blurry motion via directional similarity and filtering. *Pattern Recognition*, **2018**, 75, 327-338 | 7.7 | 3 |
| 94 | Multi-gesture based football game in smart phones **2013**, | | 3 |
| 93 | Double Image Multi-Encryption Algorithm Based on Fractional Chaotic Time Series. *Journal of Computational and Theoretical Nanoscience*, **2015**, 12, 4980-4986 | 0.3 | 3 |
| 92 | Fuzzy-CNN Based Multi-task Routing for Integrated Satellite-terrestrial Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1 | 6.8 | 3 |
| 91 | Deep learning for assessment of environmental satisfaction using BIM big data in energy efficient building digital twins. *Sustainable Energy Technologies and Assessments*, **2022**, 50, 101897 | 4.7 | 3 |

| 90 | Real-time image processing for augmented reality on mobile devices. *Journal of Real-Time Image Processing*, **2021**, 18, 245-248 | 1.9 | 3 |
| 89 | Multimodal Medical Supervised Image Fusion Method by CNN. *Frontiers in Neuroscience*, **2021**, 15, 638976 | 5.1 | 3 |
| 88 | Big Data Processing on Volunteer Computing. *ACM Transactions on Internet Technology*, **2021**, 21, 1-20 | 3.8 | 3 |
| 87 | A novel 3D model retrieval system based on three-view sketches. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2675-2683 | 1.6 | 3 |
| 86 | Mathematical Models for Simulating Coded Digital Communication: A Comprehensive Tutorial by Big Data Analytics in Cyber-Physical Systems. *IEEE Access*, **2016**, 4, 9018-9026 | 3.5 | 3 |
| 85 | Topologies for combining the internet of things and serious games. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2685-2696 | 1.6 | 3 |
| 84 | IEEE ACCESS SPECIAL SECTION EDITORIAL: BIG DATA ANALYTICS IN THE INTERNET-OF-THINGS AND CYBER-PHYSICAL SYSTEMS. *IEEE Access*, **2019**, 7, 18070-18075 | 3.5 | 3 |
| 83 | Dynamic Sensor Speed Measurement Algorithm and Influencing Factors of Traffic Safety With Wireless Sensor Network Nodes and RFID. *IEEE Sensors Journal*, **2021**, 21, 15679-15686 | 4 | 3 |
| 82 | . *IEEE Access*, **2018**, 6, 79005-79009 | 3.5 | 3 |
| 81 | Deep learning for autonomous vehicle and pedestrian interaction safety. *Safety Science*, **2022**, 145, 105479 | 7.9 | 3 |
| 80 | Application of Digital Twins in multiple fields.. *Multimedia Tools and Applications*, **2022**, 1-27 | 2.5 | 3 |
| 79 | Blockchain Enabled Secure Authentication for Unmanned Aircraft Systems **2021**, | | 3 |
| 78 | Digital twins and artificial intelligence in transportation infrastructure: Classification, application, and future research directions. *Computers and Electrical Engineering*, **2022**, 101, 107983 | 4.3 | 3 |
| 77 | Artificial intelligence enabled Digital Twins for training autonomous cars **2022**, 2, 31-41 | | 3 |
| 76 | Parallel K Nearest Neighbor Matching for 3D Reconstruction. *IEEE Access*, **2019**, 7, 55248-55260 | 3.5 | 2 |
| 75 | Iterative quadtree decomposition based automatic selection of the seed point for ultrasound breast tumor images. *Multimedia Tools and Applications*, **2017**, 76, 3505-3517 | 2.5 | 2 |
| 74 | Measuring the homogeneity of urban fabric using 2D geometry data. *Environment and Planning B: Urban Analytics and City Science*, **2017**, 44, 1097-1121 | 2 | 2 |
| 73 | Touch-less interaction smartphone on go! **2013**, | | 2 |

| 72 | Design and interactive performance of human resource management system based on artificial intelligence.. *PLoS ONE*, **2022**, 17, e0262398 | 3.7 | 2 |
|----|----|----|----|
| 71 | . *IEEE Network*, **2021**, 35, 182-187 | 11.4 | 2 |
| 70 | Nanodeserts: A Conjecture in Nanotechnology to Enhance Quasi-Photosynthetic $CO_2$Absorption. *International Journal of Polymer Science*, **2016**, 2016, 1-10 | 2.4 | 2 |
| 69 | Intelligence in Ecology: How Internet of Things Expands Insights into the Missing $CO_2$Sink. *Scientific Programming*, **2016**, 2016, 1-8 | 1.4 | 2 |
| 68 | Building Investor Trust in the P2P Lending Platform with a Focus on Chinese P2P Lending Platforms **2016**, | | 2 |
| 67 | Performance evaluation of particle filter based visual tracking. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2449-2462 | 1.6 | 2 |
| 66 | Telepresence Mechatronic Robot (TEBoT): Towards the design and control of socially interactive bio-inspired system. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2597-2610 | 1.6 | 2 |
| 65 | Industrial visual perception technology in Smart City. *Image and Vision Computing*, **2021**, 105, 104070 | 3.7 | 2 |
| 64 | 3DMol-Net: Learn 3D Molecular Representation using Adaptive Graph Convolutional Network Based on Rotation Invariance. *IEEE Journal of Biomedical and Health Informatics*, **2021**, PP, | 7.2 | 2 |
| 63 | Chemical characteristics of groundwater and source identification in a coastal city. *PLoS ONE*, **2021**, 16, e0256360 | 3.7 | 2 |
| 62 | Applying machine learning in intelligent sewage treatment: A case study of chemical plant in sustainable cities. *Sustainable Cities and Society*, **2021**, 72, 103009 | 10.1 | 2 |
| 61 | Intelligent Multi-AUG Ocean Data Collection Scheme in Maritime Wireless Communication Network. *IEEE Transactions on Network Science and Engineering*, **2022**, 1-1 | 4.9 | 2 |
| 60 | Practical Machine Learning Model to Predict the Recovery of Motor Function in Patients with Stroke.. *European Neurology*, **2022**, 1-7 | 2.1 | 2 |
| 59 | Swarm-based intelligent optimization approach for layout problem. *Multimedia Tools and Applications*, **2017**, 76, 19445-19461 | 2.5 | 1 |
| 58 | Bifurcation and robust control analysis to tractor-semitrailer with interference on rainy slippery road. *Future Generation Computer Systems*, **2020**, 107, 126-143 | 7.5 | 1 |
| 57 | Evaluation of Local Features for Structure from Motion. *Multimedia Tools and Applications*, **2018**, 77, 10979-10993 | 2.5 | 1 |
| 56 | Virtual reality GIS and cloud service based traffic analysis platform **2015**, | | 1 |
| 55 | 3D seabed: 3D modeling and visualization platform for the seabed **2014**, | | 1 |

| 54 | Multimedia Monitoring System of Obstructive Sleep Apnea via Deep Active Learning Model. *IEEE MultiMedia*, **2022**, 1-1 | 2.1 | 1 |
|---|---|---|---|
| 53 | TVS: a trusted verification scheme for office documents based on blockchain. *Complex & Intelligent Systems*,1 | 7.1 | 1 |
| 52 | Q-method optimization of tunnel surrounding rock classification by fuzzy reasoning model and support vector machine. *Soft Computing*,1 | 3.5 | 1 |
| 51 | Construction of personalized learning and knowledge system of chemistry specialty via the internet of things and clustering algorithm. *Journal of Supercomputing*,1 | 2.5 | 1 |
| 50 | A seamless anonymous authentication protocol for mobile edge computing infrastructure. *Computer Communications*, **2022**, 186, 12-21 | 5.1 | 1 |
| 49 | Editorial RGB-D Sensors and 3D Reconstruction. *IEEE Sensors Journal*, **2020**, 20, 11751-11752 | 4 | 1 |
| 48 | Cardiac LGE MRI Segmentation with Cross-Modality Image Augmentation and Improved U-Net.. *IEEE Journal of Biomedical and Health Informatics*, **2021**, PP, | 7.2 | 1 |
| 47 | Skull similarity comparison based on SPCA. *Multimedia Tools and Applications*, **2020**, 79, 22423-22446 | 2.5 | 1 |
| 46 | Transfer Learning-powered Resource Optimization for Green Computing in 5G-Aided Industrial Internet of Things. *ACM Transactions on Internet Technology*, **2022**, 22, 1-16 | 3.8 | 1 |
| 45 | A computational analysis of capital chain rupture in e-commerce enterprise. *Electronic Commerce Research*, **2018**, 18, 257-276 | 2.1 | 1 |
| 44 | A software-defined networks-based measurement method of network traffic for 6G technologies. *Transactions on Emerging Telecommunications Technologies*, **2020**, e4172 | 1.9 | 1 |
| 43 | Guest Editorial Software Defined Internet of Vehicles. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 3504-3510 | 6.1 | 1 |
| 42 | Cognitive Robotics on 5G Networks. *ACM Transactions on Internet Technology*, **2021**, 21, 1-18 | 3.8 | 1 |
| 41 | User authority ranking models for´community question answering1. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2533-2542 | 1.6 | 1 |
| 40 | Depth estimation for image dehazing of´surveillance on education. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2629-2636 | 1.6 | 1 |
| 39 | Study on FOA_BP remote sepsis diagnosis based on wireless sensor network. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2737-2743 | 1.6 | 1 |
| 38 | Self-education of agents in the Multi-Airport Logistics System: A´multiple´cases study. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2745-2755 | 1.6 | 1 |
| 37 | A Study on Application-Towards Bandwidth Guarantee Based on SDN **2016**, | | 1 |

| | | | |
|---|---|---|---|
| 36 | Multimedia security in laboratory system based on cloud platform. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2473-2481 | 1.6 | 1 |
| 35 | . *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-10 | 6.1 | 1 |
| 34 | Cross-layer Optimization for Industrial Internet of Things in Real Scene Digital Twins. *IEEE Internet of Things Journal*, **2022**, 1-1 | 10.7 | 1 |
| 33 | Digital Twins-Based Automated Pilot for Energy-Efficiency Assessment of Intelligent Transportation Infrastructure. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-11 | 6.1 | 1 |
| 32 | BIM Information Integration Based VR Modeling in Digital Twins in Industry 5.0. *Journal of Industrial Information Integration*, **2022**, 28, 100351 | 7 | 1 |
| 31 | Superpixel-Based Feature Tracking for Structure from Motion. *Applied Sciences (Switzerland)*, **2019**, 9, 2961 | 2.6 | 0 |
| 30 | Joint Channel Estimation and Signal Detection for the OFDM System Without Cyclic Prefix Over Doubly-Selective Channels. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2015**, 25, 1540028 | 2 | 0 |
| 29 | Traffic station classification based on deep spatio-temporal network. *Computers and Electrical Engineering*, **2021**, 97, 107558 | 4.3 | 0 |
| 28 | Performance Evaluation of MPTCP Incast Based on Queuing Network. *IEEE Transactions on Green Communications and Networking*, **2021**, 1-1 | 4 | 0 |
| 27 | Novel Machine Learning for Big Data Analytics in Intelligent Support Information Management Systems. *ACM Transactions on Management Information Systems*, **2022**, 13, 1-21 | 2 | 0 |
| 26 | An anaglyph 2D-3D stereoscopic video visualization approach. *Multimedia Tools and Applications*, **2020**, 79, 825-838 | 2.5 | 0 |
| 25 | Wave Dissipation Performance of Granular Media Based on Three-Dimensional Meso-Model. *IEEE Sensors Journal*, **2021**, 21, 15607-15613 | 4 | 0 |
| 24 | Real-Time Intelligent Automatic Transportation Safety Based on Big Data Management. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-10 | 6.1 | 0 |
| 23 | Multiobjective Multiple Mobile Sink Scheduling via Evolutionary Fuzzy Rough Neural Network for Wireless Sensor Networks. *IEEE Transactions on Fuzzy Systems*, **2022**, 1-1 | 8.3 | 0 |
| 22 | Digital Twins Based VR Simulation for Accident Prevention of Intelligent Vehicle. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1 | 6.8 | 0 |
| 21 | Wearable Sensors for Vital Signs Measurement: A Survey. *Journal of Sensor and Actuator Networks*, **2022**, 11, 19 | 3.8 | 0 |
| 20 | The Scanner of Heterogeneous Traffic Flow in Smart Cities by an Updating Model of Connected and Automated Vehicles. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-10 | 6.1 | 0 |
| 19 | A new modulation technique and compensation algorithm for mainstream CO2capnography. *Pervasive and Mobile Computing*, **2017**, 41, 484-489 | 3.5 | |

| | | |
|---|---|---|
| 18 | An ubiquitous 3D visual analysis platform of seabed. *Multimedia Tools and Applications*, **2019**, 78, 34613-34625 | 2.5 |
| 17 | Advanced Deep Learning for Image Processing in Industrial Internet of Things Under Software-Defined Network. *Internet of Things*, **2022**, 271-294 | 1.3 |
| 16 | Configuration Security for Sustainable Digital Twins of Industrial Automation and Control Systems in Emerging Countries. *Lecture Notes on Data Engineering and Communications Technologies*, **2022**, 233-253 | 0.4 |
| 15 | Complexity Problems Handled by Advanced Computer Simulation Technology in Smart Cities 2021. *Complexity*, **2022**, 2022, 1-3 | 1.6 |
| 14 | Edge Computing to Solve Security Issues for Infectious Disease Intelligence Prevention. *ACM Transactions on Internet Technology*, **2022**, 22, 1-20 | 3.8 |
| 13 | MeetDurian: Can Location-Based Games be Used to Improve COVID-19 Hygiene Habits?. *Games and Culture*,155541202110495 | 1.9 |
| 12 | Using Wii Balance Board to Evaluate Software Based on Kinect2. *Communications in Computer and Information Science*, **2017**, 59-68 | 0.3 |
| 11 | Hyperbaric Oxygen Chamber Users May Obtain Immersive Enjoyment by Virtual Reality Glasses. *Communications in Computer and Information Science*, **2017**, 106-115 | 0.3 |
| 10 | Intuitively Evaluating Balance Measurement Software Using Kinect2. *Communications in Computer and Information Science*, **2017**, 83-93 | 0.3 |
| 9 | A high-speed index for the multi-scale overlay landscape map on ubiquitous WebGIS. *Shenzhen Daxue Xuebao (Ligong Ban)/Journal of Shenzhen University Science and Engineering*, **2013**, 30, 480-485 | 1.3 |
| 8 | Study on algorithm and application to´radical input method and standardization of Nvshu. *Journal of Intelligent and Fuzzy Systems*, **2016**, 31, 2525-2531 | 1.6 |
| 7 | Distributed Edge Learning in Emerging Virtual Reality Systems. *Advances in Intelligent Systems and Computing*, **2022**, 39-52 | 0.4 |
| 6 | Blockchain-Based Communication for Digital Twins. *Internet of Things*, **2022**, 193-210 | 1.3 |
| 5 | Securing the Internet of Drones Against Cyber-Physical Attacks. *IEEE Internet of Things Magazine*, **2021**, 4, 74-78 | 3.5 |
| 4 | Advanced Signal Processing for Autonomous Transportation Big Data. *Internet of Things*, **2022**, 179-199 | 1.3 |
| 3 | Context-Aware Cognitive Communication for´Sustainable Digital Twins **2022**, 179-201 | |
| 2 | Editorial Augmented Reality for Bioinformatics. *IEEE Journal of Biomedical and Health Informatics*, **2022**, 26, 2403-2404 | 7.2 |
| 1 | Consumer Behavior Classification in Online Virtual Stores Using Emotional Intelligence. *Advances in Marketing, Customer Relationship Management, and E-services Book Series*, **2022**, 1-24 | 0.3 |