

Fei-Yue Wang

List of Publications by Citations

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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.

367 papers	12,617 citations	54 h-index	103 g-index
453 ext. papers	16,709 ext. citations	5.3 avg, IF	7.36 L-index

#	Paper	IF	Citations
367	Data-Driven Intelligent Transportation Systems: A Survey. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2011 , 12, 1624-1639	6.1	857
366	. <i>IEEE Computational Intelligence Magazine</i> , 2009 , 4, 39-47	5.6	517
365	Reduction and axiomization of covering generalized rough sets. <i>Information Sciences</i> , 2003 , 152, 217-230	7.7	472
364	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2010 , 11, 630-638	6.1	465
363	Adaptive Consensus Control for a Class of Nonlinear Multiagent Time-Delay Systems Using Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 1217-1226	10.3	369
362	Social Computing: From Social Informatics to Social Intelligence. <i>IEEE Intelligent Systems</i> , 2007 , 22, 79-83	4.2	358
361	On Three Types of Covering-Based Rough Sets. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2007 , 19, 1131-1144	4.2	320
360	Blockchain-Enabled Smart Contracts: Architecture, Applications, and Future Trends. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2266-2277	7.3	314
359	Towards blockchain-based intelligent transportation systems 2016 ,		274
358	Traffic signal timing via deep reinforcement learning. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2016 , 3, 247-254	7	235
357	The Emergence of Intelligent Enterprises: From CPS to CPSS. <i>IEEE Intelligent Systems</i> , 2010 , 25, 85-88	4.2	225
356	Driving Style Recognition for Intelligent Vehicle Control and Advanced Driver Assistance: A Survey. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 666-676	6.1	223
355	Adaptive dynamic programming for finite-horizon optimal control of discrete-time nonlinear systems with Error bound. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 24-36		214
354	Characterizing the Propagation of Situational Information in Social Media During COVID-19 Epidemic: A Case Study on Weibo. <i>IEEE Transactions on Computational Social Systems</i> , 2020 , 7, 556-562	4.5	190
353	Neural-network-based online HJB solution for optimal robust guaranteed cost control of continuous-time uncertain nonlinear systems. <i>IEEE Transactions on Cybernetics</i> , 2014 , 44, 2834-47	10.2	182
352	Blockchain and Cryptocurrencies: Model, Techniques, and Applications. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1421-1428	7.3	170
351	Generative adversarial networks: introduction and outlook. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2017 , 4, 588-598	7	164

350	Levenberg-Marquardt Backpropagation Training of Multilayer Neural Networks for State Estimation of a Safety-Critical Cyber-Physical System. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 3436-3446	11.9	153
349	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2015 , 16, 2970-2984	6.1	151
348	Agent-based control for networked traffic management systems. <i>IEEE Intelligent Systems</i> , 2005 , 20, 92-96	4.2	150
347	Big Data for Social Transportation. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2016 , 17, 620-630	6.1	138
346	Toward a Paradigm Shift in Social Computing: The ACP Approach. <i>IEEE Intelligent Systems</i> , 2007 , 22, 65-67	4.2	137
345	An efficient realization of deep learning for traffic data imputation. <i>Transportation Research Part C: Emerging Technologies</i> , 2016 , 72, 168-181	8.4	136
344	Intelligent transportation spaces: vehicles, traffic, communications, and beyond 2010 , 48, 136-142		133
343	Driver Activity Recognition for Intelligent Vehicles: A Deep Learning Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 5379-5390	6.8	127
342	Hybrid-augmented intelligence: collaboration and cognition. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2017 , 18, 153-179	2.2	114
341	Blockchain-Powered Parallel Healthcare Systems Based on the ACP Approach. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 942-950	4.5	114
340	On-Road Vehicle Detection and Tracking Using MMW Radar and Monovision Fusion. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2016 , 17, 2075-2084	6.1	106
339	Capturing Car-Following Behaviors by Deep Learning. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 910-920	6.1	105
338	Parallel driving in CPSS: a unified approach for transport automation and vehicle intelligence. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2017 , 4, 577-587	7	105
337	IVS 05: new developments and research trends for intelligent vehicles. <i>IEEE Intelligent Systems</i> , 2005 , 20, 10-14	4.2	105
336	Travel time prediction with LSTM neural network 2016 ,		104
335	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2014 , 15, 1388-1404	6.1	101
334	Driver Lane Change Intention Inference for Intelligent Vehicles: Framework, Survey, and Challenges. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 4377-4390	6.8	96
333	Intelligence Testing for Autonomous Vehicles: A New Approach. <i>IEEE Transactions on Intelligent Vehicles</i> , 2016 , 1, 158-166	5	96

332	Disulfide-Catalyzed Visible-Light-Mediated Oxidative Cleavage of C=C Bonds and Evidence of an Olefin-Disulfide Charge-Transfer Complex. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 832-836 ^{16.4}	89
331	Toward a Revolution in Transportation Operations: AI for Complex Systems. <i>IEEE Intelligent Systems</i> , 2008 , 23, 8-13	4.2 76
330	Simultaneous Observation of Hybrid States for Cyber-Physical Systems: A Case Study of Electric Vehicle Powertrain. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2357-2367	10.2 75
329	The fourth type of covering-based rough sets. <i>Information Sciences</i> , 2012 , 201, 80-92	7.7 74
328	Cyber-Physical-Social Systems: The State of the Art and Perspectives. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 829-840	4.5 73
327	Crowdsourcing in ITS: The State of the Work and the Networking. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2016 , 17, 1596-1605	6.1 72
326	Parallel learning: a perspective and a framework. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2017 , 4, 389-395	70
325	DynaCAS: Computational Experiments and Decision Support for ITS. <i>IEEE Intelligent Systems</i> , 2008 , 23, 19-23	4.2 70
324	Parallel Transportation Systems: Toward IoT-Enabled Smart Urban Traffic Control and Management. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 4063-4071	6.1 69
323	Advances in Vision-Based Lane Detection: Algorithms, Integration, Assessment, and Perspectives on ACP-Based Parallel Vision. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018 , 5, 645-661	7 67
322	Artificial societies for integrated and sustainable development of metropolitan systems. <i>IEEE Intelligent Systems</i> , 2004 , 19, 82-87	4.2 63
321	A joint cascaded framework for simultaneous eye detection and eye state estimation. <i>Pattern Recognition</i> , 2017 , 67, 23-31	7.7 61
320	Parallel vision for perception and understanding of complex scenes: methods, framework, and perspectives. <i>Artificial Intelligence Review</i> , 2017 , 48, 299-329	9.7 59
319	Decentralized Autonomous Organizations: Concept, Model, and Applications. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 870-878	4.5 58
318	Parallel testing of vehicle intelligence via virtual-real interaction. <i>Science Robotics</i> , 2019 , 4,	18.6 58
317	Analysis of Cooperative Driving Strategies for Nonsignalized Intersections. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 2900-2911	6.8 58
316	Consensus-Based Distributed Economic Dispatch Control Method in Power Systems. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 941-954	10.7 57
315	Identification and Analysis of Driver Postures for In-Vehicle Driving Activities and Secondary Tasks Recognition. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 95-108	4.5 55

314	A Study of the Human Flesh Search Engine: Crowd-Powered Expansion of Online Knowledge. <i>Computer</i> , 2010 , 43, 45-53	1.6	54
313	Pattern Sensitive Prediction of Traffic Flow Based on Generative Adversarial Framework. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019 , 20, 2395-2400	6.1	53
312	Artificial intelligence test: a case study of intelligent vehicles. <i>Artificial Intelligence Review</i> , 2018 , 50, 441-465	9.7	51
311	Parallel planning: a new motion planning framework for autonomous driving. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019 , 6, 236-246	7	51
310	Social balance in signed networks. <i>Information Systems Frontiers</i> , 2015 , 17, 1077-1095	4	49
309	Driving into Intelligent Spaces with Pervasive Communications. <i>IEEE Intelligent Systems</i> , 2007 , 22, 12-15	4.2	49
308	From mind to products: towards social manufacturing and service. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018 , 5, 47-57	7	45
307	Training and testing object detectors with virtual images. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018 , 5, 539-546	7	45
306	Relationships among three types of covering rough sets 2006 ,		45
305	PDP: parallel dynamic programming. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2017 , 4, 1-5	7	44
304	A New Type of Covering Rough Set 2006 ,		44
303	Traffic Flow Imputation Using Parallel Data and Generative Adversarial Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 1624-1630	6.1	42
302	Dynamic Fusion-based Federated Learning for COVID-19 Detection. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	42
301	Blockchain Based Provenance for Agricultural Products: A Distributed Platform with Duplicated and Shared Bookkeeping 2018 ,		41
300	Parking Like a Human: A Direct Trajectory Planning Solution. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017 , 18, 3388-3397	6.1	40
299	Research on the Selection Strategies of Blockchain Mining Pools. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 748-757	4.5	39
298	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019 , 20, 4476-4487	6.1	36
297	Generative Adversarial Networks for Parallel Transportation Systems. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2018 , 10, 4-10	2.6	36

296	On the abstraction of conventional dynamic systems: from numerical analysis to linguistic analysis. <i>Information Sciences</i> , 2005 , 171, 233-259	7.7	36
295	. <i>IEEE Intelligent Systems</i> , 2005 , 20, 12-16	4.2	36
294	Parallel reinforcement learning-based energy efficiency improvement for a cyber-physical system. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2020 , 7, 617-626	7	36
293	Forecasting Horticultural Products Price Using ARIMA Model and Neural Network Based on a Large-Scale Data Set Collected by Web Crawler. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 547-553	4.5	35
292	Guided crowd evacuation: approaches and challenges. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019 , 6, 1081-1094	7	35
291	Control 5.0: from Newton to Merton in popper's cyber-social-physical spaces. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2016 , 3, 233-234	7	35
290	Detecting Traffic Information From Social Media Texts With Deep Learning Approaches. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019 , 20, 3049-3058	6.1	35
289	$\$M^{4}CD\$$: A Robust Change Detection Method for Intelligent Visual Surveillance. <i>IEEE Access</i> , 2018 , 6, 15505-15520	3.5	34
288	Accurate and robust eye center localization via fully convolutional networks. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019 , 6, 1127-1138	7	34
287	DeepTrend 2.0: A light-weighted multi-scale traffic prediction model using detrending. <i>Transportation Research Part C: Emerging Technologies</i> , 2019 , 103, 142-157	8.4	33
286	Parallel control for continuous-time linear systems: A case study. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2020 , 7, 919-928	7	33
285	Blockchainized Internet of Minds: A New Opportunity for CyberPhysicalSocial Systems. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 897-906	4.5	33
284	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 4144-4158	6.8	32
283	Managing Traditional Solar Greenhouse With CPSS: A Just-for-Fit Philosophy. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 3371-3380	10.2	32
282	A Budget Optimization Framework for Search Advertisements Across Markets. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2012 , 42, 1141-1151		32
281	A novel background subtraction algorithm based on parallel vision and Bayesian GANs. <i>Neurocomputing</i> , 2020 , 394, 178-200	5.4	31
280	Parallel Blockchain: An Architecture for CPSS-Based Smart Societies. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 303-310	4.5	30
279	Properties of the First Type of Covering-Based Rough Sets 2006 ,		28

278	MFR-CNN: Incorporating Multi-Scale Features and Global Information for Traffic Object Detection. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 8019-8030	6.8	27
277	Parallel Control: A Method for Data-Driven and Computational Control. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2014 , 39, 293-302		26
276	Accelerating Minibatch Stochastic Gradient Descent Using Typicality Sampling. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4649-4659	10.3	26
275	A Learning-Based Framework for Error Compensation in 3D Printing. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4042-4050	10.2	25
274	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2013 , 43, 1028-1041	7.3	25
273	Mask SSD: An Effective Single-Stage Approach to Object Instance Segmentation. <i>IEEE Transactions on Image Processing</i> , 2020 , 29, 2078-2093	8.7	25
272	Long memory is important: A test study on deep-learning based car-following model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 514, 786-795	3.3	25
271	Parallel Crime Scene Analysis Based on ACP Approach. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 244-255	4.5	24
270	Parallel control for optimal tracking via adaptive dynamic programming. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2020 , 7, 1662-1674	7	24
269	Parallel Intelligence in Metaverses: Welcome to Hanoi!. <i>IEEE Intelligent Systems</i> , 2022 , 37, 16-20	4.2	24
268	A Survey of Cognitive Architectures in the Past 20 Years. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 3280-3290	10.3	23
267	A Big-Data Perspective on AI: Newton, Merton, and Analytics Intelligence. <i>IEEE Intelligent Systems</i> , 2012 , 27, 2-4	4.2	23
266	Understanding crowd-powered search groups: a social network perspective. <i>PLoS ONE</i> , 2012 , 7, e39749	3.7	23
265	Moving from mass customization to social manufacturing: a footwear industry case study. <i>International Journal of Computer Integrated Manufacturing</i> , 2019 , 32, 194-205	4.3	23
264	State-of-the-Art Pedestrian and Evacuation Dynamics. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 1849-1866	6.1	23
263	A situation-aware collision avoidance strategy for car-following. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018 , 5, 1012-1016	7	22
262	MetaSocieties in Metaverse: MetaEconomics and MetaManagement for MetaEnterprises and MetaCities. <i>IEEE Transactions on Computational Social Systems</i> , 2022 , 9, 2-7	4.5	22
261	Parallel Internet of Vehicles: ACP-Based System Architecture and Behavioral Modeling. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 3735-3746	10.7	21

260	A General Cognitive Architecture for Agent-Based Modeling in Artificial Societies. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 176-185	4.5	21
259	. <i>IEEE Network</i> , 2016 , 30, 60-65	11.4	21
258	The ParallelEye Dataset: A Large Collection of Virtual Images for Traffic Vision Research. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019 , 20, 2072-2084	6.1	21
257	Disulfide-Catalyzed Visible-Light-Mediated Oxidative Cleavage of C=C Bonds and Evidence of an OlefinDisulfide Charge-Transfer Complex. <i>Angewandte Chemie</i> , 2017 , 129, 850-854	3.6	20
256	Deep Neural Network Based Vehicle and Pedestrian Detection for Autonomous Driving: A Survey. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3234-3246	6.1	20
255	Covering Based Granular Computing for Conflict Analysis. <i>Lecture Notes in Computer Science</i> , 2006 , 566-574	5.7	20
254	Binary Relation Based Rough Sets. <i>Lecture Notes in Computer Science</i> , 2006 , 276-285	0.9	20
253	MetaVehicles in the Metaverse: Moving to a New Phase for Intelligent Vehicles and Smart Mobility. <i>IEEE Transactions on Intelligent Vehicles</i> , 2022 , 7, 1-5	5	20
252	Computational Social Systems in a New Period: A Fast Transition Into the Third Axial Age. <i>IEEE Transactions on Computational Social Systems</i> , 2017 , 4, 52-53	4.5	19
251	A Hybrid Deep Learning Approach with GCN and LSTM for Traffic Flow Prediction* 2019 ,		19
250	End-to-End Driving Activities and Secondary Tasks Recognition Using Deep Convolutional Neural Network and Transfer Learning 2018 ,		19
249	Future Directions of Intelligent Vehicles: Potentials, Possibilities, and Perspectives. <i>IEEE Transactions on Intelligent Vehicles</i> , 2022 , 7, 7-10	5	19
248	Cascade learning from adversarial synthetic images for accurate pupil detection. <i>Pattern Recognition</i> , 2019 , 88, 584-594	7.7	18
247	Parallel Societies: A Computing Perspective of Social Digital Twins and VirtualReal Interactions. <i>IEEE Transactions on Computational Social Systems</i> , 2020 , 7, 2-7	4.5	18
246	Statistical metamodeling for revealing synergistic antimicrobial interactions. <i>PLoS ONE</i> , 2010 , 5, e154723.7	3.7	18
245	Learning Driving Models From Parallel End-to-End Driving Data Set. <i>Proceedings of the IEEE</i> , 2020 , 108, 262-273	14.3	18
244	. <i>IEEE Transactions on Multimedia</i> , 2020 , 22, 730-743	6.6	18
243	A novel GSP auction mechanism for ranking Bitcoin transactions in blockchain mining. <i>Decision Support Systems</i> , 2019 , 124, 113094	5.6	17

242	A comparative study of state-of-the-art driving strategies for autonomous vehicles. <i>Accident Analysis and Prevention</i> , 2021 , 150, 105937	6.1	17
241	An Analysis of Taxi Driver's Route Choice Behavior Using the Trace Records. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 576-582	4.5	16
240	A CPSS Approach for Emergency Evacuation in Building Fires. <i>IEEE Intelligent Systems</i> , 2014 , 29, 48-52	4.2	16
239	Traffic Congestion and Social Media in China. <i>IEEE Intelligent Systems</i> , 2013 , 28, 72-77	4.2	16
238	Competitive Analysis of Bidding Behavior on Sponsored Search Advertising Markets. <i>IEEE Transactions on Computational Social Systems</i> , 2017 , 4, 179-190	4.5	16
237	A novel approach inspired by optic nerve characteristics for few-shot occluded face recognition. <i>Neurocomputing</i> , 2020 , 376, 25-41	5.4	16
236	A Novel Approach for Traffic Signal Control: A Recommendation Perspective. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2017 , 9, 127-135	2.6	15
235	Computational Dissemination: Toward Precision and Smart Impacts for Computational Social Systems. <i>IEEE Transactions on Computational Social Systems</i> , 2017 , 4, 193-195	4.5	15
234	Bionic vision inspired on-road obstacle detection and tracking using radar and visual information 2014 ,		15
233	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 1011-1023	10.7	15
232	An End-to-End Recommendation System for Urban Traffic Controls and Management Under a Parallel Learning Framework. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 1616-1626	6.1	15
231	A Dragonfly Optimization Algorithm for Extracting Maximum Power of Grid-Interfaced PV Systems. <i>Sustainability</i> , 2021 , 13, 10778	3.6	15
230	Analysis of Cyber Interactive Behaviors Using Artificial Community and Computational Experiments. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 995-1006	7.3	14
229	Performance evaluation of the deep learning approach for traffic flow prediction at different times 2016 ,		14
228	. <i>IEEE Intelligent Systems</i> , 2003 , 18, 12-15	4.2	14
227	Long short-term memory model for traffic congestion prediction with online open data 2016 ,		14
226	Frontal object perception for Intelligent Vehicles based on radar and camera fusion 2016 ,		14
225	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 253-265	7.3	14

224	Economic Issues in Bitcoin Mining and Blockchain Research 2018 ,		14
223	Transaction Queuing Game in Bitcoin BlockChain 2018 ,		14
222	Discrete-Time Self-Learning Parallel Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-13	7.3	13
221	Parallel dispatch: a new paradigm of electrical power system dispatch. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018 , 5, 311-319	7	13
220	3-D Tracking for Augmented Reality Using Combined Region and Dense Cues in Endoscopic Surgery. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018 , 22, 1540-1551	7.2	13
219	Parallel Vehicular Networks: A CPSS-Based Approach via Multimodal Big Data in IoV. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 1079-1089	10.7	13
218	Population Synthesis Based on Joint Distribution Inference Without Disaggregate Samples. <i>Jasss</i> , 2017 , 20,	4.8	13
217	Taxi Demand Prediction Using Parallel Multi-Task Learning Model. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-10	6.1	13
216	Hierarchical Fused Model With Deep Learning and Type-2 Fuzzy Learning for Breast Cancer Diagnosis. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 3204-3218	8.3	13
215	On the Crossroad of Artificial Intelligence: A Revisit to Alan Turing and Norbert Wiener. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 3618-3626	10.2	13
214	GAN-Based Key Secret-Sharing Scheme in Blockchain. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 393-404	10.2	13
213	A trust region method based on a new affine scaling technique for simple bounded optimization. <i>Optimization Methods and Software</i> , 2013 , 28, 871-888	1.3	12
212	A self-organizing neuro-fuzzy network based on first order effect sensitivity analysis. <i>Neurocomputing</i> , 2013 , 118, 21-32	5.4	12
211	Transportation 5.0 in CPSS: Towards ACP-based society-centered intelligent transportation 2017 ,		12
210	Federated Meta-Learning for Fraudulent Credit Card Detection 2020 ,		12
209	Mass Image Synthesis in Mammogram with Contextual Information Based on GANs. <i>Computer Methods and Programs in Biomedicine</i> , 2021 , 202, 106019	6.9	12
208	From Intelligent Vehicles to Smart Societies: A Parallel Driving Approach. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 594-604	4.5	12
207	A Theoretical Foundation of Intelligence Testing and Its Application for Intelligent Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-10	6.1	11

206	Coupled cascade regression for simultaneous facial landmark detection and head pose estimation 2017 ,		11
205	Road to Transactions on Intelligent Transportation Systems: A Decade's Success. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2009 , 10, 553-556	6.1	11
204	Robotic Intra-Operative Ultrasound: Virtual Environments and Parallel Systems. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 1095-1106	7	11
203	. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2019 , 11, 6-14	2.6	11
202	Human-Like Maneuver Decision Using LSTM-CRF Model for On-Road Self-Driving 2018 ,		11
201	FISS GAN: A Generative Adversarial Network for Foggy Image Semantic Segmentation. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 1428-1439	7	11
200	. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 9619-9631	6.8	10
199	Vehicle detection based on AndOr Graph and Hybrid Image Templates for complex urban traffic conditions. <i>Transportation Research Part C: Emerging Technologies</i> , 2015 , 51, 19-28	8.4	10
198	Optimal Block Withholding Strategies for Blockchain Mining Pools. <i>IEEE Transactions on Computational Social Systems</i> , 2020 , 7, 709-717	4.5	10
197	A Fair Blockchain Based on Proof of Credit. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 922-931	4.5	10
196	Collaborations Patterns and Productivity Analysis for IEEE T-ITS Between 2010 and 2013. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2014 , 15, 2360-2367	6.1	10
195	Publication and Impact: A Bibliographic Analysis. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2010 , 11, 250-250	6.1	10
194	Blockchain-Based Knowledge Automation for CPSS-Oriented Parallel Management. <i>IEEE Transactions on Computational Social Systems</i> , 2020 , 7, 1180-1188	4.5	10
193	A novel hybrid share reporting strategy for blockchain miners in PPLNS pools. <i>Decision Support Systems</i> , 2019 , 118, 91-101	5.6	10
192	A Blockchain-based Framework for Collaborative Production in Distributed and Social Manufacturing 2019 ,		10
191	. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 1034-1048	4.5	10
190	A novel framework of collaborative early warning for COVID-19 based on blockchain and smart contracts. <i>Information Sciences</i> , 2021 , 570, 124-143	7.7	10
189	Brokers or Bridges? Exploring Structural Holes in a Crowdsourcing System. <i>Computer</i> , 2016 , 49, 56-64	1.6	9

188	. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 822-829	4.5	9
187	Social influence and spread dynamics in social networks. <i>Frontiers of Computer Science</i> , 2012 , 6, 611-620	2.2	9
186	Intelligent systems and technology for integrative and predictive medicine. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2013 , 4, 1-6	8	9
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