Fei-Yue Wang

List of Publications by Year in Descending Order

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	Parallel Vision for Long-Tail Regularization: Initial Results from IVFC Autonomous Driving Testing. *IEEE Transactions on Intelligent Vehicles*, **2022**, 1-1	5	6
366	BACS: blockchain and AutoML-based technology for efficient credit scoring classification.. *Annals of Operations Research*, **2022**, 1-21	3.2	1
365	IPGAN: Identity-Preservation Generative Adversarial Network for unsupervised photo-to-caricature translation. *Knowledge-Based Systems*, **2022**, 241, 108223	7.3	0
364	MetaSocieties in Metaverse: MetaEconomics and MetaManagement for MetaEnterprises and MetaCities. *IEEE Transactions on Computational Social Systems*, **2022**, 9, 2-7	4.5	22
363	Black swan event small-sample transfer learning (BEST-L) and its case study on electrical power prediction in COVID-19. *Applied Energy*, **2022**, 309, 118458	10.7	0
362	HackGAN: Harmonious Cross-Network Mapping Using CycleGAN With Wasserstein-Procrustes Learning for Unsupervised Network Alignment. *IEEE Transactions on Computational Social Systems*, **2022**, 1-14	4.5	0
361	Meta-learning meets the Internet of Things: Graph prototypical models for sensor-based human activity recognition. *Information Fusion*, **2022**, 80, 1-22	16.7	2
360	Two-Level Energy Control Strategy Based on ADP and A-ECMS for Series Hybrid Electric Vehicles. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-12	6.1	2
359	Instance-Level Knowledge Transfer for Data-Driven Driver Model Adaptation With Homogeneous Domains. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-12	6.1	0
358	A GAN-Based Short-Term Link Traffic Prediction Approach for Urban Road Networks Under a Parallel Learning Framework. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-12	6.1	4
357	A feedback-based print quality improving strategy for FDM 3D printing: an optimal design approach. *International Journal of Advanced Manufacturing Technology*, **2022**, 120, 2777	3.2	3
356	Design and Optimization of a Control Framework for Robot Assisted Additive Manufacturing Based on the Stewart Platform. *International Journal of Control, Automation and Systems*, **2022**, 20, 968-982	2.9	3
355	Robot-Guided Crowd Evacuation in a Railway Hub Station in Case of Emergencies. *Journal of Intelligent and Robotic Systems: Theory and Applications*, **2022**, 104, 1	2.9	
354	Parallel Intelligence in Metaverses: Welcome to Hanoi!. *IEEE Intelligent Systems*, **2022**, 37, 16-20	4.2	24
353	Ego-efficient lane changes of connected and automated vehicles with impacts on traffic flow. *Transportation Research Part C: Emerging Technologies*, **2022**, 138, 103478	8.4	3
352	AdapGL: An adaptive graph learning algorithm for traffic prediction based on spatiotemporal neural networks. *Transportation Research Part C: Emerging Technologies*, **2022**, 139, 103659	8.4	3
351	Tabular Learning-Based Traffic Event Prediction for Intelligent Social Transportation System. *IEEE Transactions on Computational Social Systems*, **2022**, 1-12	4.5	

350	Cascade Learning for Driver Facial Monitoring. *IEEE Transactions on Intelligent Vehicles*, **2022**, 1-1	5	2
349	Interval Type-2 Fuzzy Risk Evaluation and Prevention for Parallel Breast Cancer Treatment System. *IEEE Transactions on Computational Social Systems*, **2022**, 1-13	4.5	
348	Public Opinion Dynamics in Cyberspace on Russia-Ukraine War: A Case Analysis With Chinese Weibo. *IEEE Transactions on Computational Social Systems*, **2022**, 1-11	4.5	0
347	Future Directions of Intelligent Vehicles: Potentials, Possibilities, and Perspectives. *IEEE Transactions on Intelligent Vehicles*, **2022**, 7, 7-10	5	19
346	MetaVehicles in the Metaverse: Moving to a New Phase for Intelligent Vehicles and Smart Mobility. *IEEE Transactions on Intelligent Vehicles*, **2022**, 7, 1-5	5	20
345	BlockNet: Beyond reliable spatial Digital Twins to Parallel Metaverse. *Patterns*, **2022**, 3, 100468	5.1	8
344	ESTNet: Embedded Spatial-Temporal Network for Modeling Traffic Flow Dynamics. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-12	6.1	9
343	Fuzzy Deep Forest with Deep Contours Feature for Leaf Cultivar Classification. *IEEE Transactions on Fuzzy Systems*, **2022**, 1-1	8.3	
342	The DAO to DeSci: AI for Free, Fair, and Responsibility Sensitive Sciences. *IEEE Intelligent Systems*, **2022**, 37, 16-22	4.2	9
341	Parallel Philosophy for MetaOrganizations With MetaOperations: From Leibniz Monad to HanoiDAO. *IEEE Transactions on Computational Social Systems*, **2022**, 9, 658-666	4.5	3
340	Student Modeling and Analysis in Adaptive Instructional Systems. *IEEE Access*, **2022**, 1-1	3.5	1
339	An Agent-Based Traffic Recommendation System: Revisiting and Revising Urban Traffic Management Strategies. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-13	7.3	3
338	Exploring Image Generation for UAV Change Detection. *IEEE/CAA Journal of Automatica Sinica*, **2022**, 9, 1061-1072	7	1
337	Evaluation and Spatial-Temporal Difference Analysis of Urban Water Resource Utilization Efficiency Based on Two-Stage DEA Model. *IEEE Transactions on Computational Social Systems*, **2021**, 1-15	4.5	1
336	Analyzing the Stock Volatility Spillovers in Chinese Financial and Economic Sectors. *IEEE Transactions on Computational Social Systems*, **2021**, 1-16	4.5	
335	Multiagent Adversarial Collaborative Learning via Mean-Field Theory. *IEEE Transactions on Cybernetics*, **2021**, 51, 4994-5007	10.2	7
334	Federated Management: Toward Federated Services and Federated Security in Federated Ecology. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 1283-1290	4.5	2
333	. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-15	6.1	7

332	Integration of Train Control and Online Rescheduling for High-Speed Railways in Case of Emergencies. *IEEE Transactions on Computational Social Systems*, **2021**, 1-9	4.5	1
331	Communication-Efficient Federated Edge Learning for NR-U based IIoT Networks. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	1
330	Computational Experiments for Complex Social System Part II: The Evaluation of Computational Models. *IEEE Transactions on Computational Social Systems*, **2021**, 1-13	4.5	1
329	Game Starts at GameStop: Characterizing the Collective Behaviors and Social Dynamics in the Short Squeeze Episode. *IEEE Transactions on Computational Social Systems*, **2021**, 1-14	4.5	1
328	A Learning-Embedded Attributed Petri Net to Optimize Student Learning in a Serious Game. *IEEE Transactions on Computational Social Systems*, **2021**, 1-9	4.5	1
327	Computational Experiments for Complex Social Systems--Part I: The Customization of Computational Model. *IEEE Transactions on Computational Social Systems*, **2021**, 1-15	4.5	3
326	CogEmoNet: A Cognitive-Feature-Augmented Driver Emotion Recognition Model for Smart Cockpit. *IEEE Transactions on Computational Social Systems*, **2021**, 1-12	4.5	3
325	Interval Type-2 Fuzzy Analysis and Comprehensive Evaluation for Neonatal Pathological Jaundice. *IEEE Transactions on Computational Social Systems*, **2021**, 1-10	4.5	
324	Neural Dynamics for Computing Perturbed Nonlinear Equations Applied to ACP-Based Lower Limb Motion Intention Recognition. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-9	7.3	7
323	Mass Image Synthesis in Mammogram with Contextual Information Based on GANs. *Computer Methods and Programs in Biomedicine*, **2021**, 202, 106019	6.9	12
322	. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 271-278	4.5	5
321	Donald J. Trump's Presidency in Cyberspace: A Case Study of Social Perception and Social Influence in Digital Oligarchy Era. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 279-293	4.5	5
320	Learning to learn by yourself: Unsupervised meta-learning with self-knowledge distillation for COVID-19 diagnosis from pneumonia cases. *International Journal of Intelligent Systems*, **2021**, 36, 4033-4064	8.4	3
319	Robotic Intra-Operative Ultrasound: Virtual Environments and Parallel Systems. *IEEE/CAA Journal of Automatica Sinica*, **2021**, 8, 1095-1106	7	11
318	Systematically Quantifying IoT Privacy Leakage in Mobile Networks. *IEEE Internet of Things Journal*, **2021**, 8, 7115-7125	10.7	0
317	. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 538-545	4.5	4
316	Social Signal-Driven Knowledge Automation: A Focus on Social Transportation. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 737-753	4.5	7
315	Deep Neural Network Based Vehicle and Pedestrian Detection for Autonomous Driving: A Survey. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 3234-3246	6.1	20

314	Binary thresholding defense against adversarial attacks. *Neurocomputing*, **2021**, 445, 61-71	5.4	2
313	Parallel Point Clouds: Hybrid Point Cloud Generation and 3D Model Enhancement via Virtual-Real Integration. *Remote Sensing*, **2021**, 13, 2868	5	3
312	GAN-Based Key Secret-Sharing Scheme in Blockchain. *IEEE Transactions on Cybernetics*, **2021**, 51, 393-404	10.2	13
311	An End-to-End Recommendation System for Urban Traffic Controls and Management Under a Parallel Learning Framework. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 1616-1626	6.1	15
310	Analysis and Control of Blood Glucose Situation for Diabetic Patients Based on Interval Type-2 Fuzzy Sets. *International Journal of Fuzzy Systems*, **2021**, 23, 1179-1193	3.6	3
309	. *IEEE Intelligent Transportation Systems Magazine*, **2021**, 13, 59-69	2.6	6
308	Joint image-to-image translation with denoising using enhanced generative adversarial networks. *Signal Processing: Image Communication*, **2021**, 91, 116072	2.8	1
307	A comparative study of state-of-the-art driving strategies for autonomous vehicles. *Accident Analysis and Prevention*, **2021**, 150, 105937	6.1	17
306	KM4: Visual reasoning via Knowledge Embedding Memory Model with Mutual Modulation. *Information Fusion*, **2021**, 67, 14-28	16.7	7
305	A Virtual-Real Interaction Approach to Object Instance Segmentation in Traffic Scenes. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 863-875	6.1	7
304	Integrated Timetable Rescheduling for Multidispatching Sections of High-Speed Railways During Large-Scale Disruptions. *IEEE Transactions on Computational Social Systems*, **2021**, 1-10	4.5	4
303	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 253-265	7.3	14
302	Context-Aware Dynamic Feature Extraction for 3D Object Detection in Point Clouds. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-13	6.1	2
301	Local and Global Perception Generative Adversarial Network for Facial Expression Synthesis. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	5
300	A Semi-supervised End-to-end Framework for Transportation Mode Detection by Using GPS-enabled Sensing Devices. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	2
299	Deep Deterministic Policy Gradient for High-Speed Train Trajectory Optimization. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-13	6.1	1
298	Three Principles to Determine the Right-of-Way for AVs: Safe Interaction With Humans. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-16	6.1	2
297	FII-CenterNet: An Anchor-Free Detector With Foreground Attention for Traffic Object Detection. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 121-132	6.8	9

296	Fighting fire with fire: A spatial‐frequency ensemble relation network with generative adversarial learning for adversarial image classification. *International Journal of Intelligent Systems*, **2021**, 36, 2081-2121	8.4	4
295	Drill the Cork of Information Bottleneck by Inputting the Most Important Data. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	1
294	MLRNN: Taxi Demand Prediction Based on Multi-Level Deep Learning and Regional Heterogeneity Analysis. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-11	6.1	8
293	Fast and Progressive Misbehavior Detection in Internet of Vehicles based on Broad Learning and Incremental Learning Systems. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	4
292	Digital Twin and Parallel Intelligence Based on Location and Transportation: A Vision for New Synergy Between the IEEE CRFID and ITSS in Cyberphysical Social Systems [Society News]. *IEEE Intelligent Transportation Systems Magazine*, **2021**, 13, 249-252	2.6	8
291	Learning from the Negativity: Deep Negative Correlation Meta-Learning for Adversarial Image Classification. *Lecture Notes in Computer Science*, **2021**, 531-540	0.9	1
290	China's 12-Year Quest of Autonomous Vehicular Intelligence: The Intelligent Vehicles Future Challenge Program. *IEEE Intelligent Transportation Systems Magazine*, **2021**, 13, 6-19	2.6	2
289	Conditional Uncorrelation and Efficient Subset Selection in Sparse Regression. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	4
288	Data Augmented Deep Behavioral Cloning for Urban Traffic Control Operations Under a Parallel Learning Framework. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-10	6.1	3
287	Convolutional Ordinal Regression Forest for Image Ordinal Estimation. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	4
286	A Kind of Change Management Method for Global Value Chain Optimization and Its Case Study. *IEEE Transactions on Computational Social Systems*, **2021**, 1-15	4.5	0
285	PRECOM: A Parallel Recommendation Engine for Control, Operations, and Management on Congested Urban Traffic Networks. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-11	6.1	3
284	A negotiation-based right-of-way assignment strategy to ensure traffic safety and efficiency in lane changes. *IET Intelligent Transport Systems*, **2021**, 15, 1345	2.4	3
283	FISS GAN: A Generative Adversarial Network for Foggy Image Semantic Segmentation. *IEEE/CAA Journal of Automatica Sinica*, **2021**, 8, 1428-1439	7	11
282	An IVC-Based Nuclear Emergency Parallel Evacuation System. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 844-855	4.5	2
281	Guest Editorial Computational Social Systems for COVID-19 Emergency Management and Beyond. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 928-929	4.5	0
280	Public Opinion Analysis on Novel Coronavirus Pneumonia and Interaction With Event Evolution in Real World. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 1042-1051	4.5	2
279	A novel framework of collaborative early warning for COVID-19 based on blockchain and smart contracts. *Information Sciences*, **2021**, 570, 124-143	7.7	10

278	A Dragonfly Optimization Algorithm for Extracting Maximum Power of Grid-Interfaced PV Systems. *Sustainability*, **2021**, 13, 10778	3.6	15
277	. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 1062-1067	4.5	8
276	Pay attention to doctor-patient dialogues: Multi-modal knowledge graph attention image-text embedding for COVID-19 diagnosis. *Information Fusion*, **2021**, 75, 168-185	16.7	8
275	Parallel-data-based social evolution modeling. *Tsinghua Science and Technology*, **2021**, 26, 878-885	3.4	5
274	HackRL: Reinforcement learning with hierarchical attention for cross-graph knowledge fusion and collaborative reasoning. *Knowledge-Based Systems*, **2021**, 233, 107498	7.3	3
273	Event-Triggered Optimal Parallel Tracking Control for Discrete-Time Nonlinear Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-13	7.3	9
272	Acting as a Decision Maker: Traffic-Condition- Aware Ensemble Learning for Traffic Flow Prediction. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-11	6.1	2
271	Dynamic Fusion-based Federated Learning for COVID-19 Detection. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	42
270	TiDEC: A Two-Layered Integrated Decision Cycle for Population Evolution. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	1
269	Optimal Block Withholding Strategies for Blockchain Mining Pools. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 709-717	4.5	10
268	DDTree: A Hybrid Deep Learning Model for Real-Time Waterway Depth Prediction and Smart Navigation. *Applied Sciences (Switzerland)*, **2020**, 10, 2770	2.6	6
267	Graph Attention Model Embedded With Multi-Modal Knowledge For Depression Detection **2020**,		7
266	Pedestrian Choice Modeling and Simulation of Staged Evacuation Strategies in Daya Bay Nuclear Power Plant. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 686-695	4.5	4
265	A Theoretical Foundation of Intelligence Testing and Its Application for Intelligent Vehicles. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-10	6.1	11
264	On Iterative Proportional Updating: Limitations and Improvements for General Population Synthesis. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	2
263	Analyzing Bitcoin transaction fees using a queueing game model. *Electronic Commerce Research*, **2020**, 1	2.1	1
262	Characterizing the Propagation of Situational Information in Social Media During COVID-19 Epidemic: A Case Study on Weibo. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 556-562	4.5	190
261	Parallel Societies: A Computing Perspective of Social Digital Twins and Virtual-Real Interactions. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 2-7	4.5	18

260	Parallel control for continuous-time linear systems: A case study. *IEEE/CAA Journal of Automatica Sinica*, **2020**, 7, 919-928	7	33
259	Discrete-Time Self-Learning Parallel Control. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-13	7.3	13
258	Parallel Healthcare: Robotic Medical and Health Process Automation for Secured and Smart Social Healthcares. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 581-586	4.5	7
257	Parallel Internet of Vehicles: ACP-Based System Architecture and Behavioral Modeling. *IEEE Internet of Things Journal*, **2020**, 7, 3735-3746	10.7	21
256	A Personalized Learning System for Parallel Intelligent Education. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 352-361	4.5	7
255	Parallel Emergency: Social Renormalization via Monads and Computational Social Systems. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 286-292	4.5	4
254	Parallel control for optimal tracking via adaptive dynamic programming. *IEEE/CAA Journal of Automatica Sinica*, **2020**, 7, 1662-1674	7	24
253	Nonparametric Different-Feature Selection Using Wasserstein Distance **2020**,		2
252	Grouping Methods for Facilitating Emergency Evacuations. *IFAC-PapersOnLine*, **2020**, 53, 845-850	0.7	1
251	Ordinal Optimization for Optimal Orientation Problems in 3D Printing. *IFAC-PapersOnLine*, **2020**, 53, 97-102	0.7	1
250	Blockchain-Powered Parallel FinTech Regulatory Sandbox Based on the ACP Approach. *IFAC-PapersOnLine*, **2020**, 53, 863-867	0.7	3
249	Learning from the Past: Meta-Continual Learning with Knowledge Embedding for Jointly Sketch, Cartoon, and Caricature Face Recognition **2020**,		4
248	Deep Imitation Learning for Traffic Signal Control and Operations Based on Graph Convolutional Neural Networks **2020**,		2
247	K-9 Artificial Intelligence Education in Qingdao: Issues, Challenges and Suggestions **2020**,		3
246	Federated Meta-Learning for Fraudulent Credit Card Detection **2020**,		12
245	Deep Behavioral Cloning for Traffic Control with Virtual Expert Demonstration Under a Parallel Learning Framework. *IFAC-PapersOnLine*, **2020**, 53, 176-181	0.7	1
244	Learning from the Guidance: Knowledge Embedded Meta-learning for Medical Visual Question Answering. *Communications in Computer and Information Science*, **2020**, 194-202	0.3	2
243	Capsule Network-Based Text Sentiment Classification. *IFAC-PapersOnLine*, **2020**, 53, 698-703	0.7	2

242	Parallel Transportation Systems: Toward IoT-Enabled Smart Urban Traffic Control and Management. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 21, 4063-4071	6.1	69
241	. *IEEE Internet of Things Journal*, **2020**, 7, 1011-1023	10.7	15
240	Mask SSD: An Effective Single-Stage Approach to Object Instance Segmentation. *IEEE Transactions on Image Processing*, **2020**, 29, 2078-2093	8.7	25
239	A Review on Automated Facial Nerve Function Assessment From Visual Face Capture. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2020**, 28, 488-497	4.8	8
238	Parallel Urban Rail Transit Stations for Passenger Emergency Management. *IEEE Intelligent Systems*, **2020**, 35, 16-27	4.2	5
237	Accelerating Minibatch Stochastic Gradient Descent Using Typicality Sampling. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 4649-4659	10.3	26
236	Guidance control for parallel parking tasks. *IEEE/CAA Journal of Automatica Sinica*, **2020**, 7, 301-306	7	7
235	Simultaneous Segmentation and Classification of Mass Region From Mammograms Using a Mixed-Supervision Guided Deep Model. *IEEE Signal Processing Letters*, **2020**, 27, 196-200	3.2	7
234	Learning Driving Models From Parallel End-to-End Driving Data Set. *Proceedings of the IEEE*, **2020**, 108, 262-273	14.3	18
233	Parallel reinforcement learning-based energy efficiency improvement for a cyber-physical system. *IEEE/CAA Journal of Automatica Sinica*, **2020**, 7, 617-626	7	36
232	Modeling and Simulation of Crowd Evacuation With Signs at Subway Platform: A Case Study of Beijing Subway Stations. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-13	6.1	4
231	Blockchain-Based Knowledge Automation for CPSS-Oriented Parallel Management. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 1180-1188	4.5	10
230	Learning Markets: An AI Collaboration Framework Based on Blockchain and Smart Contracts. *IEEE Internet of Things Journal*, **2020**, 1-1	10.7	8
229	IEEE Council on Radio-Frequency Identification: History, Present, and Future Vision. *IEEE Journal of Radio Frequency Identification*, **2020**, 4, 170-175	2.4	0
228	Taxi Demand Prediction Using Parallel Multi-Task Learning Model. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-10	6.1	13
227	Webly Supervised Knowledge Embedding Model for Visual Reasoning **2020**,		5
226	Hierarchical Fused Model With Deep Learning and Type-2 Fuzzy Learning for Breast Cancer Diagnosis. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 3204-3218	8.3	13
225	Parallel Economics: A New Supply Demand Philosophy via Parallel Organizations and Parallel Management. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 840-848	4.5	5

224	The manufacturing procedure of 3D printed models for endoscopic endonasal transsphenoidal pituitary surgery. *Technology and Health Care*, **2020**, 28, 131-150	1.1	1
223	Parallel Intelligence: Belief and Prescription for Edge Emergence and Cloud Convergence in CPSS. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 1105-1110	4.5	7
222	The 2014–2017 George N. Saridis Best Transactions Paper Award. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 21, 4920-4921	6.1	
221	Stability-Based Generalization Analysis of Distributed Learning Algorithms for Big Data. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 801-812	10.3	6
220	State-of-the-Art Pedestrian and Evacuation Dynamics. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 21, 1849-1866	6.1	23
219	Traffic Flow Imputation Using Parallel Data and Generative Adversarial Networks. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 21, 1624-1630	6.1	42
218	Integrating Multisourced Texts in Online Business Intelligence Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 1638-1648	7.3	3
217	A novel approach inspired by optic nerve characteristics for few-shot occluded face recognition. *Neurocomputing*, **2020**, 376, 25-41	5.4	16
216	Consistent Population Synthesis With Multi-Social Relationships Based on Tensor Decomposition. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 21, 2180-2189	6.1	8
215	. *IEEE Transactions on Multimedia*, **2020**, 22, 730-743	6.6	18
214	A novel background subtraction algorithm based on parallel vision and Bayesian GANs. *Neurocomputing*, **2020**, 394, 178-200	5.4	31
213	Toward the Ghosting Phenomenon in a Stereo-Based Map With a Collaborative RGB-D Repair. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 21, 2739-2749	6.1	1
212	A parallel vision approach to scene-specific pedestrian detection. *Neurocomputing*, **2020**, 394, 114-126	5.4	8
211	Cascade learning from adversarial synthetic images for accurate pupil detection. *Pattern Recognition*, **2019**, 88, 584-594	7.7	18
210	PredNet and CompNet: Prediction and High-Precision Compensation of In-Plane Shape Deformation for Additive Manufacturing **2019**,		7
209	A Relation Network Embedded with Prior Features for Few-Shot Caricature Recognition **2019**,		5
208	Guided Cyclegan Via Semi-Dual Optimal Transport for Photo-Realistic Face Super-Resolution **2019**,		5
207	. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 9619-9631	6.8	10

206	Decentralized Autonomous Organizations: Concept, Model, and Applications. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 870-878	4.5	58
205	. *IEEE Transactions on Intelligent Transportation Systems*, **2019**, 20, 4476-4487	6.1	36
204	Social Energy: Emerging Token Economy for Energy Production and Consumption. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 388-393	4.5	4
203	DeepTrend 2.0: A light-weighted multi-scale traffic prediction model using detrending. *Transportation Research Part C: Emerging Technologies*, **2019**, 103, 142-157	8.4	33
202	The process of 3D printed skull models for anatomy education. *Computer Assisted Surgery*, **2019**, 24, 121-130	1	6
201	A Learning-Based Framework for Error Compensation in 3D Printing. *IEEE Transactions on Cybernetics*, **2019**, 49, 4042-4050	10.2	25
200	Parallel testing of vehicle intelligence via virtual-real interaction. *Science Robotics*, **2019**, 4,	18.6	58
199	Driver Lane Change Intention Inference for Intelligent Vehicles: Framework, Survey, and Challenges. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 4377-4390	6.8	96
198	. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 221-226	4.5	5
197	Social Education: Opportunities and Challenges in Cyber-Physical-Social Space. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 191-196	4.5	8
196	Driver Activity Recognition for Intelligent Vehicles: A Deep Learning Approach. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 5379-5390	6.8	127
195	Parallel planning: a new motion planning framework for autonomous driving. *IEEE/CAA Journal of Automatica Sinica*, **2019**, 6, 236-246	7	51
194	Parallel Vehicular Networks: A CPSS-Based Approach via Multimodal Big Data in IoV. *IEEE Internet of Things Journal*, **2019**, 6, 1079-1089	10.7	13
193	Social Computing: From Crowdsourcing to Crowd Intelligence by Cyber Movement Organizations. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 619-626	4.5	4
192	A Reflection of Future in History : Introduction to The Alfred North Whitehead Laureate Lecture. *IEEE/CAA Journal of Automatica Sinica*, **2019**, 6, 609-609	7	1
191	A novel GSP auction mechanism for ranking Bitcoin transactions in blockchain mining. *Decision Support Systems*, **2019**, 124, 113094	5.6	17
190	Application of Interval Type-2 Fuzzy Sets in Unmanned Vehicle Visual Guidance. *International Journal of Fuzzy Systems*, **2019**, 21, 1661-1668	3.6	7
189	Forecasting Horticultural Products Price Using ARIMA Model and Neural Network Based on a Large-Scale Data Set Collected by Web Crawler. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 547-553	4.5	35

188	Guided crowd evacuation: approaches and challenges. *IEEE/CAA Journal of Automatica Sinica*, **2019**, 6, 1081-1094	7	35
187	A Fair Blockchain Based on Proof of Credit. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 922-931	4.5	10
186	. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 822-829	4.5	9
185	Bitcoin Fee Decisions in Transaction Confirmation Queueing Games Under Limited Multi-Priority Rule **2019**,		2
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