

Yifei Zhao

List of Publications by Year in descending order

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42
papers

1,485
citations

516561

16
h-index

414303

32
g-index

42
all docs

42
docs citations

42
times ranked

880
citing authors

#	ARTICLE	IF	CITATIONS
1	Capturing Car-Following Behaviors by Deep Learning. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 910-920.	4.7	194
2	Parallel Transportation Systems: Toward IoT-Enabled Smart Urban Traffic Control and Management. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4063-4071.	4.7	187
3	Dynamic-Fusion-Based Federated Learning for COVID-19 Detection. IEEE Internet of Things Journal, 2021, 8, 15884-15891.	5.5	159
4	Parallel testing of vehicle intelligence via virtual-real interaction. Science Robotics, 2019, 4, .	9.9	150
5	MetaSocieties in Metaverse: MetaEconomics and MetaManagement for MetaEnterprises and MetaCities. IEEE Transactions on Computational Social Systems, 2022, 9, 2-7.	3.2	128
6	Cyber-Physical-Social Systems: The State of the Art and Perspectives. IEEE Transactions on Computational Social Systems, 2018, 5, 829-840.	3.2	126
7	Future Directions of Intelligent Vehicles: Potentials, Possibilities, and Perspectives. IEEE Transactions on Intelligent Vehicles, 2022, 7, 7-10.	9.4	123
8	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.	4.7	45
9	Parallel Crime Scene Analysis Based on ACP Approach. IEEE Transactions on Computational Social Systems, 2018, 5, 244-255.	3.2	39
10	Parallel Societies: A Computing Perspective of Social Digital Twins and Virtual-Real Interactions. IEEE Transactions on Computational Social Systems, 2020, 7, 2-7.	3.2	38
11	Verification and Validation of Intelligent Vehicles: Objectives and Efforts From China. IEEE Transactions on Intelligent Vehicles, 2022, 7, 164-169.	9.4	31
12	A Novel Approach for Traffic Signal Control: A Recommendation Perspective. IEEE Intelligent Transportation Systems Magazine, 2017, 9, 127-135.	2.6	22
13	From Software-Defined Vehicles to Self-Driving Vehicles: A Report on CPSS-Based Parallel Driving. IEEE Intelligent Transportation Systems Magazine, 2019, 11, 6-14.	2.6	20
14	Analysis of Cyber Interactive Behaviors Using Artificial Community and Computational Experiments. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 995-1006.	5.9	18
15	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	18
16	Parallel intelligence: toward lifelong and eternal developmental AI and learning in cyber-physical-social spaces. Frontiers of Computer Science, 2018, 12, 401-405.	1.6	17
17	An answer recommendation algorithm for medical community question answering systems. , 2016, , .		15
18	Fast and Progressive Misbehavior Detection in Internet of Vehicles Based on Broad Learning and Incremental Learning Systems. IEEE Internet of Things Journal, 2022, 9, 4788-4798.	5.5	15

#	ARTICLE	IF	CITATIONS
19	Relation-Aware Facial Expression Recognition. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 1143-1154.	2.6	14
20	Parallel Point Clouds: Hybrid Point Cloud Generation and 3D Model Enhancement via Virtual-Real Integration. Remote Sensing, 2021, 13, 2868.	1.8	14
21	An Agent-Based Traffic Recommendation System: Revisiting and Revising Urban Traffic Management Strategies. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7289-7301.	5.9	13
22	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.	3.2	12
23	When LPWAN Meets ITS: Evaluation of Low Power Wide Area Networks for V2X Communications. , 2018, , .		11
24	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.	3.2	10
25	A Preliminary Research of Prediction Markets Based on Blockchain Powered Smart Contracts. , 2018, , .		7
26	Parallel Hospital: ACP-Based Hospital Smart Operating System. , 2021, , .		7
27	Traffic Flow Prediction with Parallel Data. , 2018, , .		6
28	Social Computing: From Crowdsourcing to Crowd Intelligence by Cyber Movement Organizations. IEEE Transactions on Computational Social Systems, 2019, 6, 619-626.	3.2	6
29	HackRL: Reinforcement learning with hierarchical attention for cross-graph knowledge fusion and collaborative reasoning. Knowledge-Based Systems, 2021, 233, 107498.	4.0	6
30	A Bibliographic and Coauthorship Analysis of IEEE T-ITS Literature Between 2014 and 2016. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2751-2761.	4.7	5
31	HackGAN: Harmonious Cross-Network Mapping Using CycleGAN With Wasserstein-Procrustes Learning for Unsupervised Network Alignment. IEEE Transactions on Computational Social Systems, 2023, 10, 746-759.	3.2	5
32	A Control Strategy Combined Thermostat Control with DC-Link Voltage Control for Series Hybrid Electric Vehicles. , 2018, , .		4
33	An IVC-Based Nuclear Emergency Parallel Evacuation System. IEEE Transactions on Computational Social Systems, 2021, 8, 844-855.	3.2	4
34	Game Starts at GameStop: Characterizing the Collective Behaviors and Social Dynamics in the Short Squeeze Episode. IEEE Transactions on Computational Social Systems, 2022, 9, 45-58.	3.2	4
35	A Parallel Medical Diagnostic and Treatment System for Chronic Diseases. , 2020, , .		4
36	Social Transportation: Social Signal and Technology for Transportation Engineering. IEEE Transactions on Computational Social Systems, 2019, 6, 2-7.	3.2	2

#	ARTICLE	IF	CITATIONS
37	Improving Road Detection Results Based on Ensemble Learning and Key Samples Focusing. , 2020, , .		2
38	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.	2.0	2
39	Interval Type-2 Fuzzy Analysis and Comprehensive Evaluation for Neonatal Pathological Jaundice. IEEE Transactions on Computational Social Systems, 2022, 9, 1542-1551.	3.2	1
40	Interval Type-2 Fuzzy Risk Evaluation and Prevention for Parallel Breast Cancer Treatment System. IEEE Transactions on Computational Social Systems, 2023, 10, 673-685.	3.2	1
41	An Adaptive Federated Control Strategy for Participant Selection in Multi-Client Collaboration. , 2021, , .		0
42	Differential Time-variant Traffic Flow Prediction Based on Deep Learning. , 2020, , .		0