# Yifei Zhao

## List of Publications by Year
## in descending order

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|---|---|---|---|
| 42<br>papers | 1,485<br>citations | 516710<br>16<br>h-index | 414414<br>32<br>g-index |
| 42<br>all docs | 42<br>docs citations | 42<br>times ranked | 880<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | 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. | 4.4 | 5 |
| 2 | Interval Type-2 Fuzzy Risk Evaluation and Prevention for Parallel Breast Cancer Treatment System. IEEE Transactions on Computational Social Systems, 2023, 10, 673-685. | 4.4 | 1 |
| 3 | 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. | 8.7 | 15 |
| 4 | Relation-Aware Facial Expression Recognition. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 1143-1154. | 3.8 | 14 |
| 5 | 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. | 4.4 | 4 |
| 6 | Interval Type-2 Fuzzy Analysis and Comprehensive Evaluation for Neonatal Pathological Jaundice. IEEE Transactions on Computational Social Systems, 2022, 9, 1542-1551. | 4.4 | 1 |
| 7 | MetaSocieties in Metaverse: MetaEconomics and MetaManagement for MetaEnterprises and MetaCities. IEEE Transactions on Computational Social Systems, 2022, 9, 2-7. | 4.4 | 128 |
| 8 | 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. | 3.4 | 2 |
| 9 | Future Directions of Intelligent Vehicles: Potentials, Possibilities, and Perspectives. IEEE Transactions on Intelligent Vehicles, 2022, 7, 7-10. | 12.7 | 123 |
| 10 | 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. | 9.3 | 13 |
| 11 | Verification and Validation of Intelligent Vehicles: Objectives and Efforts From China. IEEE Transactions on Intelligent Vehicles, 2022, 7, 164-169. | 12.7 | 31 |
| 12 | 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. | 8.0 | 45 |
| 13 | China's 12-Year Quest of Autonomous Vehicular Intelligence: The Intelligent Vehicles Future Challenge Program. IEEE Intelligent Transportation Systems Magazine, 2021, 13, 6-19. | 3.8 | 18 |
| 14 | 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. | 4.4 | 10 |
| 15 | An Adaptive Federated Control Strategy for Participant Selection in Multi-Client Collaboration. , 2021, , . | | 0 |
| 16 | Parallel Hospital: ACP-Based Hospital Smart Operating System. , 2021, , . | | 7 |
| 17 | Parallel Point Clouds: Hybrid Point Cloud Generation and 3D Model Enhancement via Virtual–Real Integration. Remote Sensing, 2021, 13, 2868. | 4.0 | 14 |
| 18 | An IVC-Based Nuclear Emergency Parallel Evacuation System. IEEE Transactions on Computational Social Systems, 2021, 8, 844-855. | 4.4 | 4 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | HackRL: Reinforcement learning with hierarchical attention for cross-graph knowledge fusion and collaborative reasoning. Knowledge-Based Systems, 2021, 233, 107498. | 7.1 | 6 |
| 20 | Dynamic-Fusion-Based Federated Learning for COVID-19 Detection. IEEE Internet of Things Journal, 2021, 8, 15884-15891. | 8.7 | 159 |
| 21 | Parallel Transportation Systems: Toward IoT-Enabled Smart Urban Traffic Control and Management. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4063-4071. | 8.0 | 187 |
| 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. | 4.4 | 12 |
| 23 | Parallel Societies: A Computing Perspective of Social Digital Twins and Virtual–Real Interactions. IEEE Transactions on Computational Social Systems, 2020, 7, 2-7. | 4.4 | 38 |
| 24 | Differential Time-variant Traffic Flow Prediction Based on Deep Learning. , 2020, , . | | 0 |
| 25 | Improving Road Detection Results Based on Ensemble Learning and Key Samples Focusing. , 2020, , . | | 2 |
| 26 | A Parallel Medical Diagnostic and Treatment System for Chronic Diseases. , 2020, , . | | 4 |
| 27 | Social Computing: From Crowdsourcing to Crowd Intelligence by Cyber Movement Organizations. IEEE Transactions on Computational Social Systems, 2019, 6, 619-626. | 4.4 | 6 |
| 28 | Parallel testing of vehicle intelligence via virtual-real interaction. Science Robotics, 2019, 4, . | 17.6 | 150 |
| 29 | Social Transportation: Social Signal and Technology for Transportation Engineering. IEEE Transactions on Computational Social Systems, 2019, 6, 2-7. | 4.4 | 2 |
| 30 | From Software-Defined Vehicles to Self-Driving Vehicles: A Report on CPSS-Based Parallel Driving. IEEE Intelligent Transportation Systems Magazine, 2019, 11, 6-14. | 3.8 | 20 |
| 31 | Parallel intelligence: toward lifelong and eternal developmental AI and learning in cyber-physical-social spaces. Frontiers of Computer Science, 2018, 12, 401-405. | 2.4 | 17 |
| 32 | A Bibliographic and Coauthorship Analysis of IEEE T-ITS Literature Between 2014 and 2016. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2751-2761. | 8.0 | 5 |
| 33 | Parallel Crime Scene Analysis Based on ACP Approach. IEEE Transactions on Computational Social Systems, 2018, 5, 244-255. | 4.4 | 39 |
| 34 | Capturing Car-Following Behaviors by Deep Learning. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 910-920. | 8.0 | 194 |
| 35 | A Preliminary Research of Prediction Markets Based on Blockchain Powered Smart Contracts. , 2018, , . | | 7 |
| 36 | When LPWAN Meets ITS: Evaluation of Low Power Wide Area Networks for V2X Communications. , 2018, , . | | 11 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 37 | Traffic Flow Prediction with Parallel Data. , 2018, , . | | 6 |
| 38 | A Control Strategy Combined Thermostat Control with DC-Link Voltage Control for Series Hybrid Electric Vehicles. , 2018, , . | | 4 |
| 39 | Cyber-Physical-Social Systems: The State of the Art and Perspectives. IEEE Transactions on Computational Social Systems, 2018, 5, 829-840. | 4.4 | 126 |
| 40 | Analysis of Cyber Interactive Behaviors Using Artificial Community and Computational Experiments. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 995-1006. | 9.3 | 18 |
| 41 | A Novel Approach for Traffic Signal Control: A Recommendation Perspective. IEEE Intelligent Transportation Systems Magazine, 2017, 9, 127-135. | 3.8 | 22 |
| 42 | An answer recommendation algorithm for medical community question answering systems. , 2016, , . | | 15 |