

# Yuan Yao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5511014/publications.pdf>

Version: 2024-02-01

21  
papers

565  
citations

1040056

9  
h-index

1058476

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

648  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vehicle local path planning and time consistency of unmanned driving system based on convolutional neural network. <i>Neural Computing and Applications</i> , 2022, 34, 12385-12398.	5.6	5
2	VFChain: Enabling Verifiable and Auditable Federated Learning via Blockchain Systems. <i>IEEE Transactions on Network Science and Engineering</i> , 2022, 9, 173-186.	6.4	79
3	Brief Industry Paper: Workload-Aware GPU Performance Estimation in the Airborne Embedded System. , 2021, , .		1
4	WAMP&lt;sup&gt;2&lt;/sup&gt;S: Workload-Aware GPU Performance Model based Pseudo-Preemptive Real-Time Scheduling for the Airborne Embedded System. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021, , 1-1.	5.6	1
5	Real-Time Cache-Aided Route Planning Based on Mobile Edge Computing. <i>IEEE Wireless Communications</i> , 2020, 27, 155-161.	9.0	9
6	A Spatio-Temporal Event Model for Unmanned System Swarm. , 2020, , .		0
7	Compact Scheduling for Task Graph Oriented Mobile Crowdsourcing. <i>IEEE Transactions on Mobile Computing</i> , 2020, , 1-1.	5.8	6
8	Multi-Channel Based Sybil Attack Detection in Vehicular Ad Hoc Networks Using RSSI. <i>IEEE Transactions on Mobile Computing</i> , 2019, 18, 362-375.	5.8	73
9	On MAC Access Delay Distribution for IEEE 802.11p Broadcast in Vehicular Networks. <i>IEEE Access</i> , 2019, 7, 149052-149067.	4.2	14
10	Power Control Identification: A Novel Sybil Attack Detection Scheme in VANETs Using RSSI. <i>IEEE Journal on Selected Areas in Communications</i> , 2019, 37, 2588-2602.	14.0	35
11	Decentralized Velocity-Aware Motion Planning for Multi-agent Coordination. , 2019, , .		2
12	Multi-objective Path Planning for UAV in the Urban Environment Based on CDNSGA-II. , 2019, , .		9
13	When Urban Safety Index Inference Meets Location-Based Data. <i>IEEE Transactions on Mobile Computing</i> , 2019, 18, 2701-2713.	5.8	7
14	Parallel Hyper-Heuristic Algorithm for Multi-Objective Route Planning in a Smart City. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 10307-10318.	6.3	48
15	LORA: Loss Differentiation Rate Adaptation Scheme for Vehicle-to-Vehicle Safety Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2017, 66, 2499-2512.	6.3	33
16	A Flexible Multi-Channel Coordination MAC Protocol for Vehicular Ad Hoc Networks. <i>IEEE Communications Letters</i> , 2017, 21, 1305-1308.	4.1	27
17	Voiceprint: A Novel Sybil Attack Detection Method Based on RSSI for VANETs. , 2017, , .		31
18	U-safety: Urban safety analysis in a smart city. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
19	The answer is rolling on wheels: Modeling and performance evaluation of in-cabin Wi-Fi communications. Vehicular Communications, 2015, 2, 13-26.	4.0	6
20	Density-Aware Rate Adaptation for Vehicle Safety Communications in the Highway Environment. IEEE Communications Letters, 2014, 18, 1167-1170.	4.1	12
21	Performance and Reliability Analysis of IEEE 802.11p Safety Communication in a Highway Environment. IEEE Transactions on Vehicular Technology, 2013, 62, 4198-4212.	6.3	162