

# Song Yang

## List of Publications by Year in descending order

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papers

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citations

759233

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32  
docs citations

32  
times ranked

615  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Nonintrusive and Secure Mobile Two-Factor Authentication on Wearables. IEEE Transactions on Mobile Computing, 2023, 22, 3046-3061.	5.8	2
2	Online Control of Service Function Chainings Across Geo-Distributed Datacenters. IEEE Transactions on Mobile Computing, 2023, 22, 3558-3571.	5.8	2
3	Delay-Sensitive and Availability-Aware Virtual Network Function Scheduling for NFV. IEEE Transactions on Services Computing, 2022, 15, 188-201.	4.6	44
4	A Real-Time Bike Trip Planning Policy With Self-Organizing Bike Redistribution. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 10646-10661.	8.0	1
5	Gait and Respiration-Based User Identification Using Wi-Fi Signal. IEEE Internet of Things Journal, 2022, 9, 3509-3521.	8.7	7
6	HDSpeed: Hybrid Detection of Vehicle Speed via Acoustic Sensing on Smartphones. IEEE Transactions on Mobile Computing, 2022, 21, 2833-2846.	5.8	1
7	HearSmoking: Smoking Detection in Driving Environment via Acoustic Sensing on Smartphones. IEEE Transactions on Mobile Computing, 2022, 21, 2847-2860.	5.8	3
8	Caching-Enabled Computation Offloading in Multi-Region MEC Network via Deep Reinforcement Learning. IEEE Internet of Things Journal, 2022, 9, 21086-21098.	8.7	10
9	Online Orchestration of Collaborative Caching for Multi-Bitrate Videos in Edge Computing. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 4207-4220.	5.6	6
10	MP-Coopetition: Competitive and Cooperative Mechanism for Multiple Platforms in Mobile Crowd Sensing. IEEE Transactions on Services Computing, 2021, 14, 1864-1876.	4.6	13
11	Real-Time Detection for Drowsy Driving via Acoustic Sensing on Smartphones. IEEE Transactions on Mobile Computing, 2021, 20, 2671-2685.	5.8	16
12	Survivable Task Allocation in Cloud Radio Access Networks With Mobile-Edge Computing. IEEE Internet of Things Journal, 2021, 8, 1095-1108.	8.7	10
13	Recent Advances of Resource Allocation in Network Function Virtualization. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 295-314.	5.6	100
14	Delay-Aware Virtual Network Function Placement and Routing in Edge Clouds. IEEE Transactions on Mobile Computing, 2021, 20, 445-459.	5.8	77
15	Three-Stage Stackelberg Long-Term Incentive Mechanism and Monetization for Mobile Crowdsensing: An Online Learning Approach. IEEE Transactions on Network Science and Engineering, 2021, 8, 1385-1398.	6.4	21
16	AWash: Handwashing Assistance for the Elderly with Dementia via Wearables. , 2021, , .		10
17	FallViewer: A Fine-Grained Indoor Fall Detection System With Ubiquitous Wi-Fi Devices. IEEE Internet of Things Journal, 2021, 8, 12455-12466.	8.7	19
18	PTASIM: Incentivizing Crowdsensing With POI-Tagging Cooperation Over Edge Clouds. IEEE Transactions on Industrial Informatics, 2020, 16, 4823-4831.	11.3	13

#	ARTICLE	IF	CITATIONS
19	PPGPass: Nonintrusive and Secure Mobile Two-Factor Authentication via Wearables. , 2020, , .		27
20	CEFL: Online Admission Control, Data Scheduling, and Accuracy Tuning for Cost-Efficient Federated Learning Across Edge Nodes. IEEE Internet of Things Journal, 2020, 7, 9341-9356.	8.7	49
21	Listen to Your Fingers. , 2020, 4, 1-23.		25
22	D <sup>3</sup> -Guard: Acoustic-based Drowsy Driving Detection Using Smartphones. , 2019, , .		41
23	Cloudlet Placement and Task Allocation in Mobile Edge Computing. IEEE Internet of Things Journal, 2019, 6, 5853-5863.	8.7	87
24	W3W. ACM Transactions on Sensor Networks, 2019, 15, 1-23.	3.6	1
25	FI-Net: A Speech Emotion Recognition Framework with Feature Integration and Data Augmentation. , 2019, , .		2
26	Dynamic gesture recognition using wireless signals with less disturbance. Personal and Ubiquitous Computing, 2019, 23, 17-27.	2.8	14
27	Multi-expertise Aware Participant Selection in Mobile Crowd Sensing via Online Learning. , 2018, , .		9
28	Latency-Sensitive Data Allocation and Workload Consolidation for Cloud Storage. IEEE Access, 2018, 6, 76098-76110.	4.2	7
29	Reliable Virtual Machine Placement and Routing in Clouds. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 2965-2978.	5.6	32
30	Energy-Aware Provisioning in Optical Cloud Networks. Computer Networks, 2017, 118, 78-95.	5.1	9
31	Optimization problems in correlated networks. Computational Social Networks, 2016, 3, 1.	2.1	2
32	Availability-based path selection and network vulnerability assessment. Networks, 2015, 66, 306-319.	2.7	19