

Suhua Tang

List of Publications by Year in descending order

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51
papers

513
citations

1040056

9
h-index

752698

20
g-index

51
all docs

51
docs citations

51
times ranked

489
citing authors

#	ARTICLE	IF	CITATIONS
1	Category-Based Deep CCA for Fine-Grained Venue Discovery From Multimodal Data. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1250-1258.	11.3	71
2	Leveraging multimodal information for event summarization and concept-level sentiment analysis. Knowledge-Based Systems, 2016, 108, 102-109.	7.1	64
3	Wake-up receiver for radio-on-demand wireless LANs. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	2.4	40
4	Context-Patch Face Hallucination Based on Thresholding Locality-Constrained Representation and Reproducing Learning. IEEE Transactions on Cybernetics, 2020, 50, 324-337.	9.5	40
5	Energy-efficient WLAN with on-demand AP wake-up using IEEE 802.11 frame length modulation. Computer Communications, 2012, 35, 1725-1735.	5.1	33
6	Parametric analysis and optimization of a building cooling heating power system driven by solar energy based on organic working fluid. International Journal of Energy Research, 2013, 37, 1465-1474.	4.5	20
7	Optimization of Frame Length Modulation-Based Wake-Up Control for Green WLANs. IEEE Transactions on Vehicular Technology, 2015, 64, 768-780.	6.3	17
8	Concept-Level Multimodal Ranking of Flickr Photo Tags via Recall Based Weighting. , 2016, , .		16
9	Ensemble Super-Resolution With a Reference Dataset. IEEE Transactions on Cybernetics, 2020, 50, 4694-4708.	9.5	16
10	Wake-up radio using IEEE 802.11 frame length modulation for Radio-On-Demand wireless LAN. , 2011, , .		14
11	Transmission control for reliable pedestrian-to-vehicle communication by using context of pedestrians. , 2015, , .		13
12	Energy-Efficient Data Collection Method for Sensor Networks by Integrating Asymmetric Communication and Wake-Up Radio. Sensors, 2018, 18, 1121.	3.8	12
13	Energy Efficient Downlink Transmission in Wireless LANs by Using Low-Power Wake-Up Radio. Wireless Communications and Mobile Computing, 2017, 2017, 1-12.	1.2	10
14	Reliable Over-the-Air Computation by Amplify-and-Forward Based Relay. IEEE Access, 2021, 9, 53333-53342.	4.2	10
15	Support system for improving golf swing by using wearable sensors. , 2015, , .		9
16	Predicting User Preference Based on Matrix Factorization by Exploiting Music Attributes. , 2016, , .		9
17	Improving performance of pedestrian positioning by using vehicular communication signals. IET Intelligent Transport Systems, 2018, 12, 366-374.	3.0	9
18	Performance Analysis of Millimeter Wave Wireless Power Transfer With Imperfect Beam Alignment. IEEE Transactions on Vehicular Technology, 2021, 70, 2605-2618.	6.3	9

#	ARTICLE	IF	CITATIONS
19	Improving Performance of C-V2X Sidelink by Interference Prediction and Multi-Interval Extension. IEEE Access, 2022, 10, 42518-42528.	4.2	9
20	Distributed Multiuser Scheduling for Improving Throughput of Wireless LAN. IEEE Transactions on Wireless Communications, 2014, 13, 2770-2781.	9.2	8
21	CCN-Based Inter-Vehicle Communication for Efficient Collection of Road and Traffic Information. Electronics (Switzerland), 2020, 9, 112.	3.1	8
22	Cooperative Relative Positioning for Intelligent Transportation System. International Journal of Intelligent Transportation Systems Research, 2015, 13, 131-142.	1.1	6
23	Radiation Angle Estimation and High-Precision Pedestrian Positioning by Tracking Change of Channel State Information. Sensors, 2020, 20, 1430.	3.8	6
24	Dynamic Threshold Selection for Frame Length-Based Wake-Up Control. IEEE Wireless Communications Letters, 2015, 4, 609-612.	5.0	5
25	Compact LBP and WLBP descriptor with magnitude and direction difference for face recognition. , 2017, , .		5
26	Reducing false wake-up in contention-based wake-up control of wireless LANs. Wireless Networks, 2019, 25, 2333-2349.	3.0	5
27	Node Scheduling for AF-Based Over-the-Air Computation. IEEE Wireless Communications Letters, 2022, 11, 1945-1949.	5.0	5
28	Tight Integration of Wake-Up Radio in Wireless LANs and the Impact of Wake-Up Latency. , 2016, , .		4
29	Energy and spectrum efficient wireless LAN by tightly integrating low-power wake-up radio. , 2016, , .		4
30	Sink-Based Centralized Transmission Scheduling by Using Asymmetric Communication and Wake-Up Radio. , 2017, , .		4
31	Precise Angle Estimation by Jointly Using Spatial/Temporal Change of Channel State Information and Its Application in Pedestrian Positioning. IEEE Access, 2021, 9, 59420-59431.	4.2	4
32	Using Psychoacoustic Models for Sound Analysis in Music. , 2016, , .		3
33	Improvement of Pedestrian Positioning Precision by Using Spatial Correlation of Multipath Error. , 2018, , .		3
34	Unified Performance Analysis of Stochastic Clustered Cooperative Systems With Distance-Based Relay Selection. IEEE Transactions on Wireless Communications, 2022, 21, 6180-6194.	9.2	3
35	VenueNet: Fine-Grained Venue Discovery by Deep Correlation Learning. , 2017, , .		2
36	High-Precision Pedestrian Positioning by Using Radio Signals from Vehicles and Roadside Units. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
37	Fine-Grained Integration of Priority Control and Relay Selection for Fast and Reliable Inter-vehicle Communication. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 79-93.	0.6	2
38	LSTM-Based High Precision Pedestrian Positioning. , 2022, , .		2
39	Experimental Evaluation of Cooperative Relative Positioning for Intelligent Transportation System. <i>International Journal of Navigation and Observation</i> , 2014, 2014, 1-12.	0.8	1
40	Refining Mobile Web Design for Reducing Energy Consumption of Mobile Terminals. , 2015, , .		1
41	Exploiting frame length of 802.15.4g signals for wake-up control in sensor networks. , 2015, , .		1
42	Efficient Collection of Road and Traffic Information by CCN-based Inter-Vehicle Communications. , 2018, , .		1
43	Channel Estimation and Achievable Rate of Massive MU-MIMO Systems with IQ Imbalance. <i>IEICE Transactions on Communications</i> , 2019, E102.B, 1512-1525.	0.7	1
44	Supervised Generative Adversarial Cross-Modal Hashing by Transferring Pairwise Similarities for Venue Discovery. , 2019, , .		1
45	Dynamic Control of Transmission Interval for Efficient Pedestrian-to-Vehicle Communication Based on Channel Utilization Rate. , 2020, , .		1
46	Radio-on-Demand Wireless LAN. , 2019, , 1-4.		1
47	Radio-on-Demand Wireless LAN. , 2020, , 1164-1167.		1
48	Reliable and Efficient Dissemination of Traffic Events Among Vehicles Associated with Different Operators by Using Cellular V2X. , 2020, , .		1
49	Enhancing Urban Road Network by Combining Route Planning and Dynamic Lane Reversal. , 2021, , .		1
50	Single Antenna Precise Angle Estimation by Exploiting Doppler Shift and its Application in Pedestrian Positioning. , 2019, , .		0
51	Exploiting Large Vehicles with High Antenna for Efficient Relay in Inter-Vehicle Communication. , 2020, , .		0