

Yanheng Liu

List of Publications by Year in descending order

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93
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882
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all docs

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docs citations

94
times ranked

689
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint Scheduling and Trajectory Optimization of Charging UAV in Wireless Rechargeable Sensor Networks. IEEE Internet of Things Journal, 2022, 9, 11796-11813.	8.7	6
2	A Point-of-Interest Recommendation Method Exploiting Sequential, Category and Geographical Influence. ISPRS International Journal of Geo-Information, 2022, 11, 80.	2.9	12
3	Joint optimization of SNR and motion energy consumption for UAV-enabled collaborative beamforming. Wireless Networks, 2022, 28, 2001-2016.	3.0	1
4	Long- and Short-Term Preference Modeling Based on Multi-Level Attention for Next POI Recommendation. ISPRS International Journal of Geo-Information, 2022, 11, 323.	2.9	8
5	Secure and Energy-Efficient UAV Relay Communications Exploiting Collaborative Beamforming. IEEE Transactions on Communications, 2022, 70, 5401-5416.	7.8	15
6	Energy Efficient Collaborative Beamforming for Reducing Sidelobe in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2021, 20, 965-982.	5.8	34
7	Time and Energy Minimization Communications Based on Collaborative Beamforming for UAV Networks: A Multi-Objective Optimization Method. IEEE Journal on Selected Areas in Communications, 2021, 39, 3555-3572.	14.0	27
8	Applications of Game Theory in Vehicular Networks: A Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 2660-2710.	39.4	22
9	Physical Layer Secure Communications Based on Collaborative Beamforming for UAV Networks: A Multi-objective Optimization Approach. , 2021, , .		13
10	Cross-layer tradeoff of QoS and security in Vehicular ad hoc Networks: A game theoretical approach. Computer Networks, 2021, 192, 108031.	5.1	8
11	A Collaborative Filtering Algorithm with Intragroup Divergence for POI Group Recommendation. Applied Sciences (Switzerland), 2021, 11, 5416.	2.5	8
12	A tensor decomposition based collaborative filtering algorithm for time-aware POI recommendation in LBSN. Multimedia Tools and Applications, 2021, 80, 36215-36235.	3.9	4
13	Scheduling Optimization of Charging UAV in Wireless Rechargeable Sensor Networks. , 2021, , .		1
14	A Joint Optimization Approach for UAV-enabled Collaborative Beamforming. , 2021, , .		1
15	Uplink Data Transmission Based on Collaborative Beamforming in UAV-assisted MWSNs. , 2021, , .		2
16	A self-adjusting quantum key renewal management scheme in classical network symmetric cryptography. Journal of Supercomputing, 2020, 76, 4212-4230.	3.6	2
17	Joint sidelobe suppression and nulls control of large-scale linear antenna array using particle swarm optimization with global search and population mutation. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2020, 33, e2710.	1.9	8
18	SCMAC: A Slotted-Contention-Based Media Access Control Protocol for Cooperative Safety in VANETs. IEEE Internet of Things Journal, 2020, 7, 3812-3821.	8.7	17

#	ARTICLE	IF	CITATIONS
19	Improving Performance of Distributed Collaborative Beamforming in Mobile Wireless Sensor Networks: A Multiobjective Optimization Method. IEEE Internet of Things Journal, 2020, 7, 6787-6801.	8.7	21
20	IWORMLF: Improved Invasive Weed Optimization With Random Mutation and Lévy Flight for Beam Pattern Optimizations of Linear and Circular Antenna Arrays. IEEE Access, 2020, 8, 19460-19478.	4.2	33
21	Sidelobe Reductions of Antenna Arrays via an Improved Chicken Swarm Optimization Approach. IEEE Access, 2020, 8, 37664-37683.	4.2	46
22	A Cooperative Game Theory-Based Algorithm for Overlapping Community Detection. IEEE Access, 2020, 8, 68417-68425.	4.2	5
23	An Efficient Broadcast Scheme for Safety-Related Services in Distributed TDMA-Based VANETs. IEEE Communications Letters, 2019, 23, 1432-1436.	4.1	21
24	TCGMAC: A TDMA-Based MAC protocol with collision alleviation based on slot declaration and game theory in VANETS. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3730.	3.9	11
25	ASTSMAC: Application Suitable Time-Slot Sharing MAC Protocol for Vehicular Ad Hoc Networks. IEEE Access, 2019, 7, 118077-118087.	4.2	8
26	SHIYF: A Secured and High-Integrity YARN Framework. Electronics (Switzerland), 2019, 8, 548.	3.1	0
27	Non-Cooperative Game of Throughput and Hash Length for Adaptive Merkle Tree in Mobile Wireless Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 4625-4650.	6.3	12
28	Computational habitual privacy. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3509.	3.9	1
29	Suppressing Sidelobe Level of the Planar Antenna Array in Wireless Power Transmission. IEEE Access, 2019, 7, 6958-6970.	4.2	28
30	Joint Optimization QoS and Security of Wireless Communication Networks. , 2019, , .		0
31	A multiobjective discrete bat algorithm for community detection in dynamic networks. Applied Intelligence, 2018, 48, 3081-3093.	5.3	27
32	A Sidelobe and Energy Optimization Array Node Selection Algorithm for Collaborative Beamforming in Wireless Sensor Networks. IEEE Access, 2018, 6, 2515-2530.	4.2	38
33	Cross-Bucket Generalization for Information and Privacy Preservation. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 449-459.	5.7	11
34	Distance-Driven Consensus Quantification. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 1471-1484.	8.0	1
35	Power-pattern synthesis for energy beamforming in wireless power transmission. Neural Computing and Applications, 2018, 30, 2327-2342.	5.6	7
36	Sparse Synthesis of Concentric Circular Antenna Array via Multi-Objective Evolutionary Computation. , 2018, , .		2

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37	Multi-objective optimization for distributed collaborative beamforming in mobile wireless sensor networks. , 2018, , .		2
38	An Improved Cuckoo search Algorithm for Optimizing the Beam Patterns of the Random Antenna Arrays. , 2018, , .		3
39	Planning Optimization of the Distributed Antenna System in High-Speed Railway Communication Network Based on Improved Cuckoo Search. International Journal of Antennas and Propagation, 2018, 2018, 1-14.	1.2	2
40	An Antenna Array Sidelobe Level Reduction Approach through Invasive Weed Optimization. International Journal of Antennas and Propagation, 2018, 2018, 1-16.	1.2	35
41	Modeling and analyzing privacy-awareness social behavior network. , 2018, , .		0
42	Partially observed cross-layer optimization for vehicular communications. International Journal of Communication Systems, 2018, 31, e3398.	2.5	2
43	SNB-PPB: Social-network-based-privacy-preserving Broadcast for Vehicular Communications. , 2018, , .		0
44	Computational data privacy in wireless networks. Peer-to-Peer Networking and Applications, 2017, 10, 865-873.	3.9	1
45	A multiobjective discrete cuckoo search algorithm for community detection in dynamic networks. Soft Computing, 2017, 21, 6641-6652.	3.6	11
46	ADMB: Application-driven multihop broadcast for vehicular networks. International Journal of Communication Systems, 2017, 30, e3306.	2.5	0
47	Thinning of Concentric Circular Antenna Arrays Using Improved Discrete Cuckoo Search Algorithm. , 2017, , .		18
48	Sidelobe reduction of large-scale antenna array for 5G beamforming via hierarchical cuckoo search. Electronics Letters, 2017, 53, 1158-1160.	1.0	12
49	Non-cooperative game of effective channel capacity and security strength in vehicular networks. Physical Communication, 2017, 25, 214-227.	2.1	8
50	Charging Nodes Deployment Optimization in Wireless Rechargeable Sensor Network. , 2017, , .		9
51	A density based link clustering algorithm for overlapping community detection in networks. Physical A: Statistical Mechanics and Its Applications, 2017, 486, 65-78.	2.6	15
52	The Joint Adaptive Kalman Filter (JAKF) for Vehicle Motion State Estimation. Sensors, 2016, 16, 1103.	3.8	11
53	Human dynamics based driver model for autonomous car. IET Intelligent Transport Systems, 2016, 10, 545-554.	3.0	23
54	AST: Activity-Security-Trust driven modeling of time varying networks. Scientific Reports, 2016, 6, 21352.	3.3	5

#	ARTICLE	IF	CITATIONS
55	Sidelobe Control by Node Selection Algorithm Based on Virtual Linear Array for Collaborative Beamforming in WSNs. <i>Wireless Personal Communications</i> , 2016, 90, 1443-1462.	2.7	20
56	Vehicle mobility driven by traditional drivers versus connected drivers. <i>Wireless Networks</i> , 2016, 22, 1891-1900.	3.0	1
57	Beacon deployment strategy for guaranteed localization in wireless sensor networks. <i>Wireless Networks</i> , 2016, 22, 1947-1959.	3.0	5
58	Node selection optimization for collaborative beamforming in wireless sensor networks. <i>Ad Hoc Networks</i> , 2016, 37, 389-403.	5.5	48
59	Modeling and simulating traffic congestion propagation in connected vehicles driven by temporal and spatial preference. <i>Wireless Networks</i> , 2016, 22, 1121-1131.	3.0	15
60	Multiobjective biogeography based optimization algorithm with decomposition for community detection in dynamic networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 436, 430-442.	2.6	37
61	An ant colony based algorithm for overlapping community detection in complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 427, 289-301.	2.6	46
62	Network-layer abstraction and simulation of vehicle communication stack. <i>Wireless Networks</i> , 2015, 21, 709-725.	3.0	2
63	VIKE: vehicular IKE for context-awareness. <i>Wireless Networks</i> , 2015, 21, 1343-1362.	3.0	4
64	GPS-Based Vehicle Moving State Recognition Method and Its Applications on Dynamic In-Car Navigation Systems. , 2014, , .		1
65	Prolonging the lifetime of wireless sensor networks by utilizing feedback control. <i>Wireless Networks</i> , 2014, 20, 2095-2107.	3.0	6
66	Modelling and simulating worm propagation in static and dynamic traffic. <i>IET Intelligent Transport Systems</i> , 2014, 8, 155-163.	3.0	17
67	A scalable random forest algorithm based on MapReduce. , 2013, , .		7
68	Research on the Interconnection Model between Vehicular CAN Network and Internet Based on In-vehicle Gateway. , 2012, , .		1
69	A novel trusted routing scheme using attribute similarity for VANET. , 2011, , .		0
70	Modeling Algorithm for the Topology of Weighted Directed Network Based on the Triad Formation Rule. , 2011, , .		2
71	Double-station-based information gathering in wireless sensor networks. , 2011, , .		0
72	A software cascading faults model. <i>Science China Information Sciences</i> , 2011, 54, 2454-2458.	4.3	1

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73	Model for human dynamics based on habit. Science Bulletin, 2010, 55, 2744-2749.	1.7	3
74	Study of emergency resource distribution model based on genetic algorithm. , 2010, , .		0
75	An algorithm for selecting Chinese features based on TF-NIDF weight. , 2010, , .		0
76	Detecting Conflict Policy Rules with Concept Lattice. , 2009, , .		2
77	Combination of PANA and Diameter in Trusted Vehicle Network. , 2009, , .		0
78	Evaluating Access Terminal in Trusted Network. , 2009, , .		1
79	Large-scale network intrusion detection based on distributed learning algorithm. International Journal of Information Security, 2009, 8, 25-35.	3.4	10
80	A new cascading failure model with delay time in congested complex networks. Journal of Systems Science and Systems Engineering, 2009, 18, 369-381.	1.6	3
81	A trust propagation scheme in VANETs. , 2009, , .		8
82	Modeling Email Worm Propagation Using Game Theory. , 2009, , .		2
83	A Novel DGW Scheme Based on 2D_PPCT and Permutation. , 2009, , .		3
84	Model for router-level internet topology based on attribute evolution. IEEE Communications Letters, 2009, 13, 447-449.	4.1	3
85	Research on the Application of Web Mining in E-Learning System. , 2009, , 1529-1533.		0
86	Research on Service-Oriented Lifetime and Network Density in WSN. , 2008, , .		4
87	One New BRAS Model Based on Trusted Network. , 2008, , .		0
88	Mining Correlated Policy Rules with Concept Lattice. , 2008, , .		0
89	Dynamic Policy Access Model Based on Formal Concept Analysis. , 2008, , .		2
90	Anomaly Intrusion Detection Methods for Peer-to-Peer System. , 2007, , .		3

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91	Anomaly Intrusion Detection Methods for Peer-to-Peer System. , 2007, , .		0
92	Research of Mobile IPv6 Application Based On Diameter Protocol. , 2006, , .		6
93	SLNN: A Neural Network for Fuzzy Neural Network's Structure Learning. , 2006, , .		1