De-Nian Yang

List of Publications by Year
in descending order

147 papers	1,745 citations	643344 15 h-index	759306 22 g-index
151 all docs	151 docs citations	151 times ranked	1635 citing authors

#	Article	IF	Citations
1	Activity Organization for Friend-Making Optimization in Online Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 122-137.	4.0	9
2	Mobile Proxy Caching for Multi-View 3D Videos With Adaptive View Selection. IEEE Transactions on Mobile Computing, 2022, 21, 2909-2921.	3.9	5
3	Scalable Rate Allocation for SDN With Diverse Service Requirements. IEEE Transactions on Services Computing, 2022, 15, 2248-2260.	3.2	2
4	Structure-Aware Parameter-Free Group Query via Heterogeneous Information Network Transformer. , 2021, , .		2
5	Influence Maximization Based on Dynamic Personal Perception in Knowledge Graph. , 2021, , .		5
6	Collaboration Between Social Internet of Things and Mobile Users for Accuracy-Aware Detection. , 2021, , .		2
7	Guest Editorial Computational Social Systems for COVID-19 Emergency Management and Beyond. IEEE Transactions on Computational Social Systems, 2021, 8, 928-929.	3.2	2
8	Series Editorial: Networking Technologies to Combat the COVID-19 Pandemic. IEEE Communications Magazine, 2021, 59, 14-15.	4.9	0
9	On Influencing the Influential. , 2021, , .		5
10	Distributed DRL-based Resource Allocation for Multicast D2D Communications. , 2021, , .		5
11	Cybersickness-aware Tile-based Adaptive 360° Video Streaming. , 2021, , .		1
12	Cross-Layer Allocation Scheme for Multi-View Videos in Massive MIMO Networks. , 2020, , .		2
13	Multicast Traffic Engineering with Segment Trees in Software-Defined Networks. , 2020, , .		5
14	Multicast with View Synthesis for Wireless Virtual Reality. , 2020, , .		0
15	On Extracting Socially Tenuous Groups for Online Social Networks with k-Triangles. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	4.0	6
16	Collaborative Social Internet of Things in Mobile Edge Networks. IEEE Internet of Things Journal, 2020, 7, 11473-11491.	5.5	19
17	Optimizing item and subgroup configurations for social-aware VR shopping. Proceedings of the VLDB Endowment, 2020, 13, 1275-1289.	2.1	4
18	Message from the Mobisocial'20 Workshop Chairs: MDM 2020. , 2020, , .		0

#	Article	IF	Citations
19	Resource Allocation in 5G with NOMA-based Mixed Numerology Systems. , 2020, , .		6
20	Quality-Aware Streaming Network Embedding with Memory Refreshing. Lecture Notes in Computer Science, 2020, , 448-461.	1.0	1
21	Efficient Algorithms towards Network Intervention. , 2020, 2020, 2021-2031.		4
22	Live Multi-Streaming and Donation Recommendations via Coupled Donation-Response Tensor Factorization. , 2020, , .		2
23	Seed Selection and Social Coupon Allocation for Redemption Maximization in Online Social Networks. , 2019, , .		4
24	Social-Aware VR Configuration Recommendation via Multi-Feedback Coupled Tensor Factorization. , 2019, , .		3
25	Dynamic Multicast Traffic Engineering with Efficient Rerouting for Software-Defined Networks. , 2019, , .		10
26	Bandwidth Constrained Holographic Telepresence with 3D Model Reconstruction. , 2019, , .		2
27	Optimizing Social-Topic Engagement on Social Network and Knowledge Graph. , 2019, , .		2
28	Efficient Caching for 360° Videos with Dynamic View Selection. , 2019, , .		2
29	Accuracy and Precision-Aware IoT Device Selection in Mobile Edge Networks. , 2019, , .		1
30	On Efficient Processing of Group and Subsequent Queries for Social Activity Planning. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 2364-2378.	4.0	9
31	On VR Spatial Query for Dual Entangled Worlds. , 2019, , .		0
32	A Comprehensive Study on Social Network Mental Disorders Detection via Online Social Media Mining. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1212-1225.	4.0	41
33	QMSampler: Joint Sampling of Multiple Networks with Quality Guarantee. IEEE Transactions on Big Data, 2018, 4, 90-104.	4.4	0
34	Efficient Multi-View 3D Video Multicast with Depth-Image-Based Rendering in LTE-Advanced Networks with Carrier Aggregation. IEEE Transactions on Mobile Computing, 2018, 17, 85-98.	3.9	15
35	Relay Selection for Heterogeneous Cellular Networks with Renewable Green Energy Sources. IEEE Transactions on Mobile Computing, 2018, 17, 661-674.	3.9	18
36	Efficient Multi-View 3D Video Multicast with Mobile Edge Computing. , 2018, , .		5

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37	Online Multicast Traffic Engineering for Software-Defined Networks. , 2018, , .		19
38	Newsfeed Filtering and Dissemination for Behavioral Therapy on Social Network Addictions. , 2018, , .		3
39	Surveillance-Aware Uplink Scheduling for Cellular Networks. IEEE Transactions on Mobile Computing, 2018, 17, 2939-2952.	3.9	7
40	Green Software-Defined Internet of Things for Big Data Processing in Mobile Edge Networks. , 2018, , .		6
41	Service Overlay Forest Embedding for Software-Defined Cloud Networks. , 2017, , .		13
42	On Finding Socially Tenuous Groups for Online Social Networks. , 2017, , .		20
43	A cost-effective shuffling-based defense against HTTP DDoS attacks with SDN/NFV. , 2017, , .		11
44	RetroShape. , 2017, , .		18
45	Service chain embedding with maximum flow in software defined network and application to the next-generation cellular network architecture. , 2017, , .		43
46	Vibroplay. , 2016, , .		7
47	Cross-Layer Design of Influence Maximization in Mobile Social Networks. , 2016, , .		3
48	Sensitive information for privacy on social networks a case study of PTT-and-FB linkage. , 2016, , .		0
49	Efficient Caching for Multi-View 3D Videos. , 2016, , .		6
50	Social Influence-Aware Reverse Nearest Neighbor Search. ACM Transactions on Spatial Algorithms and Systems, 2016, 2, 1-35.	1.1	5
51	Nail+. , 2016, , .		11
52	DigitSpace. , 2016, , .		87
53	Mining Online Social Data for Detecting Social Network Mental Disorders. , 2016, , .		35
54	When Social Influence Meets Item Inference. , 2016, , .		21

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55	ForceBoard. , 2016, , .		14
56	Privacy-preserving deep packet filtering over encrypted traffic in software-defined networks. , 2016, , .		5
57	Spatial-Proximity Optimization for Rapid Task Group Deployment. ACM Transactions on Knowledge Discovery From Data, 2016, 10, 1-36.	2.5	17
58	Multicast traffic engineering for software-defined networks. , 2016, , .		44
59	Routing and Scheduling of Social Influence Diffusion in Online Social Networks. , 2016, , .		3
60	Efficient Error-Resilient Multicasting for Multi-View 3D Videos in Wireless Network. , 2016, , .		9
61	Cooperative Multicasting in Renewable Energy Enhanced Relay Networksâ€"Expending More Power to Save Energy. IEEE Transactions on Wireless Communications, 2016, 15, 753-768.	6.1	4
62	On recommendation of graph mining algorithms for different data. , 2016, , .		0
63	Socio-Spatial Group Queries for Impromptu Activity Planning. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 196-210.	4.0	24
64	A Comprehensive Study on Willingness Maximization for Social Activity Planning with Quality Guarantee. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2-16.	4.0	12
65	Scheduling for Multi-Camera Surveillance in LTE Networks. , 2015, , .		0
66	Privacy-Preserving Dense Subgraph Discovery in Mobile Social Networks. , 2015, , .		2
67	Message from the MobiSocial Workshop Co-chairs. , 2015, , .		0
68	Revenue maximization for telecommunications company with social viral marketing. , 2015, , .		3
69	Multi-View 3D video delivery for broadband IP networks. , 2015, , .		3
70	Uplink scheduling for LTE 4G video surveillance system. , 2015, , .		3
71	Data Acquisition for Probabilistic Nearest-Neighbor Query. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 410-427.	4.0	6
72	WonderLens. , 2015, , .		6

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73	Reliable multicast routing for software-defined networks. , 2015, , .		53
74	Moving around in virtual space with spider silk. , 2015, , .		8
75	Efficient Resource Allocation of Mobile Multi-View 3D Videos with Depth-Image-Based Rendering. IEEE Transactions on Mobile Computing, 2015, 14, 344-357.	3.9	6
76	Forming Online Support Groups for Internet and Behavior Related Addictions. , 2015, , .		14
77	GaussBricks. , 2014, , .		37
78	GaussStones. , 2014, , .		32
79	Universal optical line terminal encoding and decoding architecture in two-code keying for noncoherent spectral amplitude coding optical code division multiple access systems. Optical Engineering, 2014, 53, 016104.	0.5	1
80	Social influence-aware reverse nearest neighbor search. , 2014, , .		0
81	Gaussbricks. , 2014, , .		5
82	Information dissemination with epidemic routing in energy harvesting wireless sensor networks. , 2014, , .		1
83	Scalable and bandwidth-efficient multicast for software-defined networks. , 2014, , .		30
84	Structural Diversity for Resisting Community Identification in Published Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 235-252.	4.0	11
85	Privacy-Preserving Dense Subgraph Discovery in Mobile Social Networks. , 2014, , .		0
86	Scheduling for Multi-Camera Surveillance in LTE Networks. , 2014, , .		0
87	Maximizing acceptance probability for active friending in online social networks. , 2013, , .		50
88	Efficient large graph pattern mining for big data in the cloud. , 2013, , .		6
89	On Pattern Preserving Graph Generation. , 2013, , .		6
90	U-Skyline: A New Skyline Query for Uncertain Databases. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 945-960.	4.0	45

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91	On Package Organization for Willingness Satisfaction in Social Networks. , 2013, , .		0
92	Spatial search for K diverse-near neighbors. , 2013, , .		4
93	Message from the MobiSocial Workshop Organizers. , 2013, , .		0
94	GaussBits. , 2013, , .		39
95	Tracking magnetics above portable displays. , 2013, , .		0
96	Efficient multi-view 3D video multicast with depth image-based rendering in LTE networks. , 2013, , .		4
97	Green-oriented opportunistic cooperation in relay-based cellular networks with grid-connected photovoltaic power generators. , 2013, , .		0
98	Multicast With Intraflow Network Coding in Multirate Multichannel Wireless Mesh Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 3913-3927.	3.9	10
99	Willingness optimization for social group activity. Proceedings of the VLDB Endowment, 2013, 7, 253-264.	2.1	16
100	Staffing Open Collaborative Projects Based on the Degree of Acquaintance. Lecture Notes in Computer Science, 2013, , 385-400.	1.0	1
101	On socio-spatial group query for location-based social networks. , 2012, , .		91
102	GaussSense. , 2012, , .		51
103	GaussBrush. , 2012, , .		2
104	GaussSketch. , 2012, , .		1
105	On bundle configuration for viral marketing in social networks. , 2012, , .		8
106	Joint Selection of On/Off Relay Mode and Adaptive Modulation Mode for Green Cooperative Multicast Networks. , 2012, , .		3
107	A Joint Channel and Frequency Offset Estimator for the Downlink of Coordinated MIMO-OFDM Systems. IEEE Transactions on Wireless Communications, 2012, 11, 2254-2265.	6.1	12
108	Collaborative and Distributed Search System with Mobile Devices. IEEE Transactions on Mobile Computing, 2012, 11, 1478-1493.	3.9	10

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109	Privacy-preserving social network publication against friendship attacks. , 2011, , .		77
110	Mining Group Movement Patterns for Tracking Moving Objects Efficiently. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 266-281.	4.0	31
111	Exploring Application-Level Semantics for Data Compression. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 95-109.	4.0	3
112	MobiUP: An Upsampling-Based System Architecture for High-Quality Video Streaming on Mobile Devices. IEEE Transactions on Multimedia, 2011, 13, 1077-1091.	5.2	14
113	On social-temporal group query with acquaintance constraint. Proceedings of the VLDB Endowment, 2011, 4, 397-408.	2.1	35
114	Structural Diversity for Privacy in Publishing Social Networks. , 2011, , .		15
115	Stabilization and extraction of 2D barcodes for camera phones. Multimedia Systems, 2011, 17, 113-133.	3.0	22
116	SonarWatch. , 2011, , .		15
117	A Novel Joint Channel and Frequency Offset Estimator for Downlink of Coordinated MIMO-OFDM Systems. , 2011, , .		0
118	Selective data acquisition for probabilistic K-NN query. , 2010, , .		1
119	Density Conscious Subspace Clustering for High-Dimensional Data. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 16-30.	4.0	39
120	A Novel Continuous Wave Interference Detectable Adaptive Notch Filter for GPS Receivers. , 2010, , .		19
121	Data Selection for Exact Value Acquisition to Improve Uncertain Clustering. Lecture Notes in Computer Science, 2010, , 459-470.	1.0	1
122	Data Broadcast with Adaptive Network Coding in Heterogeneous Wireless Networks. IEEE Transactions on Mobile Computing, 2009, 8, 109-125.	3.9	18
123	Reducing Redundancy in Subspace Clustering. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 1432-1446.	4.0	10
124	On Multicast Routing Using Rectilinear Steiner Trees for LEO Satellite Networks. IEEE Transactions on Vehicular Technology, 2008, 57, 2560-2569.	3.9	28
125	Multi-data Delivery Based on Network Coding in On-demand Broadcast. , 2008, , .		11
126	Bandwidth Efficient Video Multicasting in Multiradio Multicellular Wireless Networks. IEEE Transactions on Mobile Computing, 2008, 7, 275-288.	3.9	10

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127	Efficient Resource Allocation for Wireless Multicast. IEEE Transactions on Mobile Computing, 2008, 7, 387-400.	3.9	22
128	Protocol design for scalable and adaptive multicast for group communications. Network Protocols (ICNP), Proceedings of the IEEE International Conference on, 2008, , .	0.0	7
129	Optimal State Allocation for Multicast Communications With Explicit Multicast Forwarding. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 476-488.	4.0	6
130	On Bandwidth-Efficient Data Broadcast. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 1130-1144.	4.0	7
131	Recommending personalized scenic itinerarywith geo-tagged photos. , 2008, , .		3
132	Extracting Barcodes from a Camera-Shaken Image on Camera Phones. , 2007, , .		5
133	Image stablization for 2D barcode in handheld devices. , 2007, , .		21
134	Using Network Coding for Dependent Data Broadcasting in a Mobile Environment. , 2007, , .		5
135	On Bandwidth-Efficient Overlay Multicast. IEEE Transactions on Parallel and Distributed Systems, 2007, 18, 1503-1515.	4.0	21
136	Exploring Group Moving Pattern for an Energy-Constrained Object Tracking Sensor Network. , 2007, , 825-832.		6
137	Source Filtering in IP Multicast Routing. IEEE Transactions on Broadcasting, 2006, 52, 529-542.	2.5	3
138	Receiver-Initiated Group Membership Protocol (RGMP): A New Group Management Protocol for IP Multicasting. IEEE Transactions on Broadcasting, 2004, 50, 279-288.	2.5	7
139	An Adaptive Multicast Tree with QoS Support for Heterogeneous Recipients. Journal of Signal Processing Systems, 2003, 34, 49-65.	1.0	0
140	MQ: an integrated mechanism for multimedia multicasting. IEEE Transactions on Multimedia, 2001, 3, 82-97.	5.2	13
141	Receiver-initiated group membership protocol (RGMP): A new group management protocol for IP multicasting. , 0, , .		4
142	MQ: an integrated mechanism for multimedia multicasting. , 0, , .		2
143	Source filtering in IP multicast routing. , 0, , .		0
144	Service differentiation in optical burst switched networks. , 0, , .		18

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145	On multicast routing using rectilinear steiner trees for LEO satellite networks. , 0, , .		6
146	Optimizing state allocation for multicast communications. , 0, , .		6
147	Bandwidth-efficient multicast in heterogeneous wireless networks. , 0, , .		0