

De-Nian Yang

List of Publications by Year in descending order

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Version: 2024-02-01

147
papers

1,745
citations

567281

15
h-index

677142

22
g-index

151
all docs

151
docs citations

151
times ranked

1438
citing authors

#	ARTICLE	IF	CITATIONS
1	On socio-spatial group query for location-based social networks. , 2012, , .		91
2	DigitSpace. , 2016, , .		87
3	Privacy-preserving social network publication against friendship attacks. , 2011, , .		77
4	Reliable multicast routing for software-defined networks. , 2015, , .		53
5	GaussSense. , 2012, , .		51
6	Maximizing acceptance probability for active friending in online social networks. , 2013, , .		50
7	U-Skyline: A New Skyline Query for Uncertain Databases. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 945-960.	5.7	45
8	Multicast traffic engineering for software-defined networks. , 2016, , .		44
9	Service chain embedding with maximum flow in software defined network and application to the next-generation cellular network architecture. , 2017, , .		43
10	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.	5.7	41
11	Density Conscious Subspace Clustering for High-Dimensional Data. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 16-30.	5.7	39
12	GaussBits. , 2013, , .		39
13	GaussBricks. , 2014, , .		37
14	On social-temporal group query with acquaintance constraint. Proceedings of the VLDB Endowment, 2011, 4, 397-408.	3.8	35
15	Mining Online Social Data for Detecting Social Network Mental Disorders. , 2016, , .		35
16	GaussStones. , 2014, , .		32
17	Mining Group Movement Patterns for Tracking Moving Objects Efficiently. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 266-281.	5.7	31
18	Scalable and bandwidth-efficient multicast for software-defined networks. , 2014, , .		30

#	ARTICLE	IF	CITATIONS
19	On Multicast Routing Using Rectilinear Steiner Trees for LEO Satellite Networks. IEEE Transactions on Vehicular Technology, 2008, 57, 2560-2569.	6.3	28
20	Socio-Spatial Group Queries for Impromptu Activity Planning. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 196-210.	5.7	24
21	Efficient Resource Allocation for Wireless Multicast. IEEE Transactions on Mobile Computing, 2008, 7, 387-400.	5.8	22
22	Stabilization and extraction of 2D barcodes for camera phones. Multimedia Systems, 2011, 17, 113-133.	4.7	22
23	Image stablization for 2D barcode in handheld devices. , 2007, , .		21
24	On Bandwidth-Efficient Overlay Multicast. IEEE Transactions on Parallel and Distributed Systems, 2007, 18, 1503-1515.	5.6	21
25	When Social Influence Meets Item Inference. , 2016, , .		21
26	On Finding Socially Tenuous Groups for Online Social Networks. , 2017, , .		20
27	A Novel Continuous Wave Interference Detectable Adaptive Notch Filter for GPS Receivers. , 2010, , .		19
28	Online Multicast Traffic Engineering for Software-Defined Networks. , 2018, , .		19
29	Collaborative Social Internet of Things in Mobile Edge Networks. IEEE Internet of Things Journal, 2020, 7, 11473-11491.	8.7	19
30	Service differentiation in optical burst switched networks. , 0, , .		18
31	Data Broadcast with Adaptive Network Coding in Heterogeneous Wireless Networks. IEEE Transactions on Mobile Computing, 2009, 8, 109-125.	5.8	18
32	RetroShape. , 2017, , .		18
33	Relay Selection for Heterogeneous Cellular Networks with Renewable Green Energy Sources. IEEE Transactions on Mobile Computing, 2018, 17, 661-674.	5.8	18
34	Spatial-Proximity Optimization for Rapid Task Group Deployment. ACM Transactions on Knowledge Discovery From Data, 2016, 10, 1-36.	3.5	17
35	Willingness optimization for social group activity. Proceedings of the VLDB Endowment, 2013, 7, 253-264.	3.8	16
36	Structural Diversity for Privacy in Publishing Social Networks. , 2011, , .		15

#	ARTICLE	IF	CITATIONS
37	SonarWatch. , 2011, , .		15
38	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.	5.8	15
39	MobiUP: An Upsampling-Based System Architecture for High-Quality Video Streaming on Mobile Devices. IEEE Transactions on Multimedia, 2011, 13, 1077-1091.	7.2	14
40	ForceBoard. , 2016, , .		14
41	Forming Online Support Groups for Internet and Behavior Related Addictions. , 2015, , .		14
42	MQ: an integrated mechanism for multimedia multicasting. IEEE Transactions on Multimedia, 2001, 3, 82-97.	7.2	13
43	Service Overlay Forest Embedding for Software-Defined Cloud Networks. , 2017, , .		13
44	A Joint Channel and Frequency Offset Estimator for the Downlink of Coordinated MIMO-OFDM Systems. IEEE Transactions on Wireless Communications, 2012, 11, 2254-2265.	9.2	12
45	A Comprehensive Study on Willingness Maximization for Social Activity Planning with Quality Guarantee. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2-16.	5.7	12
46	Multi-data Delivery Based on Network Coding in On-demand Broadcast. , 2008, , .		11
47	Structural Diversity for Resisting Community Identification in Published Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 235-252.	5.7	11
48	Nail+. , 2016, , .		11
49	A cost-effective shuffling-based defense against HTTP DDoS attacks with SDN/NFV. , 2017, , .		11
50	Bandwidth Efficient Video Multicasting in Multiradio Multicellular Wireless Networks. IEEE Transactions on Mobile Computing, 2008, 7, 275-288.	5.8	10
51	Reducing Redundancy in Subspace Clustering. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 1432-1446.	5.7	10
52	Collaborative and Distributed Search System with Mobile Devices. IEEE Transactions on Mobile Computing, 2012, 11, 1478-1493.	5.8	10
53	Multicast With Intraflow Network Coding in Multirate Multichannel Wireless Mesh Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 3913-3927.	6.3	10
54	Dynamic Multicast Traffic Engineering with Efficient Rerouting for Software-Defined Networks. , 2019, , .		10

#	ARTICLE	IF	CITATIONS
55	Efficient Error-Resilient Multicasting for Multi-View 3D Videos in Wireless Network. , 2016, , .		9
56	On Efficient Processing of Group and Subsequent Queries for Social Activity Planning. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 2364-2378.	5.7	9
57	Activity Organization for Friend-Making Optimization in Online Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 122-137.	5.7	9
58	On bundle configuration for viral marketing in social networks. , 2012, , .		8
59	Moving around in virtual space with spider silk. , 2015, , .		8
60	Receiver-Initiated Group Membership Protocol (RGMP): A New Group Management Protocol for IP Multicasting. IEEE Transactions on Broadcasting, 2004, 50, 279-288.	3.2	7
61	Protocol design for scalable and adaptive multicast for group communications. Network Protocols (ICNP), Proceedings of the IEEE International Conference on, 2008, , .	0.0	7
62	On Bandwidth-Efficient Data Broadcast. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 1130-1144.	5.7	7
63	Vibroplay. , 2016, , .		7
64	Surveillance-Aware Uplink Scheduling for Cellular Networks. IEEE Transactions on Mobile Computing, 2018, 17, 2939-2952.	5.8	7
65	On multicast routing using rectilinear steiner trees for LEO satellite networks. , 0, , .		6
66	Optimizing state allocation for multicast communications. , 0, , .		6
67	Optimal State Allocation for Multicast Communications With Explicit Multicast Forwarding. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 476-488.	5.6	6
68	Efficient large graph pattern mining for big data in the cloud. , 2013, , .		6
69	On Pattern Preserving Graph Generation. , 2013, , .		6
70	Data Acquisition for Probabilistic Nearest-Neighbor Query. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 410-427.	5.7	6
71	WonderLens. , 2015, , .		6
72	Efficient Resource Allocation of Mobile Multi-View 3D Videos with Depth-Image-Based Rendering. IEEE Transactions on Mobile Computing, 2015, 14, 344-357.	5.8	6

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73	Efficient Caching for Multi-View 3D Videos. , 2016, , .		6
74	Green Software-Defined Internet of Things for Big Data Processing in Mobile Edge Networks. , 2018, , .		6
75	On Extracting Socially Tenuous Groups for Online Social Networks with k-Triangles. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	5.7	6
76	Exploring Group Moving Pattern for an Energy-Constrained Object Tracking Sensor Network. , 2007, , 825-832.		6
77	Resource Allocation in 5G with NOMA-based Mixed Numerology Systems. , 2020, , .		6
78	Extracting Barcodes from a Camera-Shaken Image on Camera Phones. , 2007, , .		5
79	Using Network Coding for Dependent Data Broadcasting in a Mobile Environment. , 2007, , .		5
80	Gaussbricks. , 2014, , .		5
81	Social Influence-Aware Reverse Nearest Neighbor Search. ACM Transactions on Spatial Algorithms and Systems, 2016, 2, 1-35.	1.4	5
82	Privacy-preserving deep packet filtering over encrypted traffic in software-defined networks. , 2016, , .		5
83	Efficient Multi-View 3D Video Multicast with Mobile Edge Computing. , 2018, , .		5
84	Multicast Traffic Engineering with Segment Trees in Software-Defined Networks. , 2020, , .		5
85	Influence Maximization Based on Dynamic Personal Perception in Knowledge Graph. , 2021, , .		5
86	Mobile Proxy Caching for Multi-View 3D Videos With Adaptive View Selection. IEEE Transactions on Mobile Computing, 2022, 21, 2909-2921.	5.8	5
87	On Influencing the Influential. , 2021, , .		5
88	Distributed DRL-based Resource Allocation for Multicast D2D Communications. , 2021, , .		5
89	Receiver-initiated group membership protocol (RGMP): A new group management protocol for IP multicasting. , 0, , .		4
90	Spatial search for K diverse-near neighbors. , 2013, , .		4

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91	Efficient multi-view 3D video multicast with depth image-based rendering in LTE networks. , 2013, , .		4
92	Cooperative Multicasting in Renewable Energy Enhanced Relay Networksâ€”Expending More Power to Save Energy. IEEE Transactions on Wireless Communications, 2016, 15, 753-768.	9.2	4
93	Seed Selection and Social Coupon Allocation for Redemption Maximization in Online Social Networks. , 2019, , .		4
94	Optimizing item and subgroup configurations for social-aware VR shopping. Proceedings of the VLDB Endowment, 2020, 13, 1275-1289.	3.8	4
95	Efficient Algorithms towards Network Intervention. , 2020, 2020, 2021-2031.		4
96	Source Filtering in IP Multicast Routing. IEEE Transactions on Broadcasting, 2006, 52, 529-542.	3.2	3
97	Recommending personalized scenic itinerarywith geo-tagged photos. , 2008, , .		3
98	Exploring Application-Level Semantics for Data Compression. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 95-109.	5.7	3
99	Joint Selection of On/Off Relay Mode and Adaptive Modulation Mode for Green Cooperative Multicast Networks. , 2012, , .		3
100	Revenue maximization for telecommunications company with social viral marketing. , 2015, , .		3
101	Multi-View 3D video delivery for broadband IP networks. , 2015, , .		3
102	Uplink scheduling for LTE 4G video surveillance system. , 2015, , .		3
103	Cross-Layer Design of Influence Maximization in Mobile Social Networks. , 2016, , .		3
104	Routing and Scheduling of Social Influence Diffusion in Online Social Networks. , 2016, , .		3
105	Newsfeed Filtering and Dissemination for Behavioral Therapy on Social Network Addictions. , 2018, , .		3
106	Social-Aware VR Configuration Recommendation via Multi-Feedback Coupled Tensor Factorization. , 2019, , .		3
107	MQ: an integrated mechanism for multimedia multicasting. , 0, , .		2
108	GaussBrush. , 2012, , .		2

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109	Privacy-Preserving Dense Subgraph Discovery in Mobile Social Networks. , 2015, , .		2
110	Bandwidth Constrained Holographic Telepresence with 3D Model Reconstruction. , 2019, , .		2
111	Optimizing Social-Topic Engagement on Social Network and Knowledge Graph. , 2019, , .		2
112	Efficient Caching for 360° Videos with Dynamic View Selection. , 2019, , .		2
113	Cross-Layer Allocation Scheme for Multi-View Videos in Massive MIMO Networks. , 2020, , .		2
114	Structure-Aware Parameter-Free Group Query via Heterogeneous Information Network Transformer. , 2021, , .		2
115	Collaboration Between Social Internet of Things and Mobile Users for Accuracy-Aware Detection. , 2021, , .		2
116	Guest Editorial Computational Social Systems for COVID-19 Emergency Management and Beyond. IEEE Transactions on Computational Social Systems, 2021, 8, 928-929.	4.4	2
117	Scalable Rate Allocation for SDN With Diverse Service Requirements. IEEE Transactions on Services Computing, 2022, 15, 2248-2260.	4.6	2
118	Live Multi-Streaming and Donation Recommendations via Coupled Donation-Response Tensor Factorization. , 2020, , .		2
119	Selective data acquisition for probabilistic K-NN query. , 2010, , .		1
120	GaussSketch. , 2012, , .		1
121	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.	1.0	1
122	Information dissemination with epidemic routing in energy harvesting wireless sensor networks. , 2014, , .		1
123	Accuracy and Precision-Aware IoT Device Selection in Mobile Edge Networks. , 2019, , .		1
124	Data Selection for Exact Value Acquisition to Improve Uncertain Clustering. Lecture Notes in Computer Science, 2010, , 459-470.	1.3	1
125	Staffing Open Collaborative Projects Based on the Degree of Acquaintance. Lecture Notes in Computer Science, 2013, , 385-400.	1.3	1
126	Quality-Aware Streaming Network Embedding with Memory Refreshing. Lecture Notes in Computer Science, 2020, , 448-461.	1.3	1

#	ARTICLE	IF	CITATIONS
127	Cybersickness-aware Tile-based Adaptive 360° Video Streaming. , 2021, , .		1
128	Source filtering in IP multicast routing. , 0, , .		0
129	An Adaptive Multicast Tree with QoS Support for Heterogeneous Recipients. Journal of Signal Processing Systems, 2003, 34, 49-65.	1.0	0
130	Bandwidth-efficient multicast in heterogeneous wireless networks. , 0, , .		0
131	A Novel Joint Channel and Frequency Offset Estimator for Downlink of Coordinated MIMO-OFDM Systems. , 2011, , .		0
132	On Package Organization for Willingness Satisfaction in Social Networks. , 2013, , .		0
133	Message from the MobiSocial Workshop Organizers. , 2013, , .		0
134	Tracking magnetics above portable displays. , 2013, , .		0
135	Green-oriented opportunistic cooperation in relay-based cellular networks with grid-connected photovoltaic power generators. , 2013, , .		0
136	Social influence-aware reverse nearest neighbor search. , 2014, , .		0
137	Privacy-Preserving Dense Subgraph Discovery in Mobile Social Networks. , 2014, , .		0
138	Scheduling for Multi-Camera Surveillance in LTE Networks. , 2014, , .		0
139	Scheduling for Multi-Camera Surveillance in LTE Networks. , 2015, , .		0
140	Message from the MobiSocial Workshop Co-chairs. , 2015, , .		0
141	Sensitive information for privacy on social networks a case study of PTT-and-FB linkage. , 2016, , .		0
142	On recommendation of graph mining algorithms for different data. , 2016, , .		0
143	QMSampler: Joint Sampling of Multiple Networks with Quality Guarantee. IEEE Transactions on Big Data, 2018, 4, 90-104.	6.1	0
144	Multicast with View Synthesis for Wireless Virtual Reality. , 2020, , .		0

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145	Series Editorial: Networking Technologies to Combat the COVID-19 Pandemic. IEEE Communications Magazine, 2021, 59, 14-15.	6.1	0
146	On VR Spatial Query for Dual Entangled Worlds. , 2019, , .		0
147	Message from the Mobisocial'20 Workshop Chairs: MDM 2020. , 2020, , .		0