Xiaohua Jia

List of Publications by Year in Descending Order

321 papers	6,824 citations	42 h-index	69 g-index
381 ext. papers	8,390 ext. citations	3.6 avg, IF	6.4 L-index

#	Paper	IF	Citations
321	Reversible Data Hiding in Encrypted Images Using Cipher-Feedback Secret Sharing. *IEEE Transactions on Circuits and Systems for Video Technology*, **2022**, 1-1	6.4	3
320	Ranked Keyword Search over Encrypted Cloud Data Through Machine Learning Method. *IEEE Transactions on Services Computing*, **2022**, 1-1	4.8	2
319	Transmission Failure Analysis of Multi-Protection Routing in Data Center Networks With Heterogeneous Edge-Core Servers. *IEEE/ACM Transactions on Networking*, **2022**, 1-14	3.8	
318	SNIFF: A Scalable Network Inference Framework for Measuring End-to-End Performance. *IEEE Transactions on Network Science and Engineering*, **2022**, 1-1	4.9	2
317	Fault Diagnosis Based on Subsystem Structures of Data Center Network BCube. *IEEE Transactions on Reliability*, **2022**, 1-10	4.6	1
316	QoS-Aware Scheduling of Remote Rendering for Interactive Multimedia Applications in Edge Computing. *IEEE Transactions on Parallel and Distributed Systems*, **2022**, 1-1	3.7	
315	Towards Public Verifiable and Forward-Privacy Encrypted Search by Using Blockchain. *IEEE Transactions on Dependable and Secure Computing*, **2022**, 1-1	3.9	0
314	Service Home Identification of Multiple-Source IoT Applications in Edge Computing. *IEEE Transactions on Services Computing*, **2022**, 1-1	4.8	0
313	Privacy-Preserving Deduplication of Sensor Compressed Data in Distributed Fog Computing. *IEEE Transactions on Parallel and Distributed Systems*, **2022**, 1-1	3.7	0
312	. *IEEE/ACM Transactions on Networking*, **2021**, 1-14	3.8	2
311	pSafety: Privacy-Preserving Safety Monitoring in Online Ride Hailing Services. *IEEE Transactions on Dependable and Secure Computing*, **2021**, 1-1	3.9	1
310	. *IEEE/ACM Transactions on Networking*, **2021**, 1-15	3.8	2
309	Privacy-preserving Location-based Data Queries in Fog-enhanced Sensor Networks. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	2
308	Sharing-Aware Task Offloading of Remote Rendering for Interactive Applications in Mobile Edge Computing. *IEEE Transactions on Cloud Computing*, **2021**, 1-1	3.3	1
307	Enabling Proxy-Free Privacy-Preserving and Federated Crowdsourcing by Using Blockchain. *IEEE Internet of Things Journal*, **2021**, 8, 6624-6636	10.7	6
306	**2021**,		8
305	Relationship Between Extra Connectivity And Component Connectivity In Networks. *Computer Journal*, **2021**, 64, 38-53	1.3	5

304	Minimizing the Maximum Charging Delay of Multiple Mobile Chargers Under the Multi-Node Energy Charging Scheme. *IEEE Transactions on Mobile Computing*, **2021**, 20, 1846-1861	4.6	21
303	Proxy-Free Privacy-Preserving Task Matching with Efficient Revocation in Crowdsourcing. *IEEE Transactions on Dependable and Secure Computing*, **2021**, 18, 117-130	3.9	18
302	. *IEEE/ACM Transactions on Networking*, **2021**, 29, 176-189	3.8	8
301	Detecting and Identifying Optical Signal Attacks on Autonomous Driving Systems. *IEEE Internet of Things Journal*, **2021**, 8, 1140-1153	10.7	3
300	Multiple-replica integrity auditing schemes for cloud data storage. *Concurrency Computation Practice and Experience*, **2021**, 33, 1-1	1.4	4
299	A Privacy-Preserving Online Ride-Hailing System Without Involving a Third Trusted Server. *IEEE Transactions on Information Forensics and Security*, **2021**, 16, 3068-3081	8	10
298	Request Reliability Augmentation with Service Function Chain Requirements in Mobile Edge Computing. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	2
297	Blockchain-Based Decentralized Public Auditing for Cloud Storage. *IEEE Transactions on Cloud Computing*, **2021**, 1-1	3.3	4
296	Maximizing User Service Satisfaction for Delay-Sensitive IoT Applications in Edge Computing. *IEEE Transactions on Parallel and Distributed Systems*, **2021**, 1-1	3.7	3
295	Evaluating Adversarial Attacks on Driving Safety in Vision-Based Autonomous Vehicles. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	2
294	MedShare: A Privacy-Preserving Medical Data Sharing System by Using Blockchain. *IEEE Transactions on Services Computing*, **2021**, 1-1	4.8	7
293	Enabling Privacy-Preserving Geographic Range Query in Fog-Enhanced IoT Services. *IEEE Transactions on Dependable and Secure Computing*, **2021**, 1-1	3.9	4
292	Data Collection Maximization in IoT-Sensor Networks Via an Energy-Constrained UAV. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	8
291	Efficient Lane-Level Map Building via Vehicle-Based Crowdsourcing. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-14	6.1	1
290	Privacy-Preserving Packet Header Checking Over in-the-Cloud Middleboxes. *IEEE Internet of Things Journal*, **2020**, 7, 5359-5370	10.7	7
289	Reliability-Aware Network Service Provisioning in Mobile Edge-Cloud Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2020**, 31, 1545-1558	3.7	21
288	Mobility-Aware and Delay-Sensitive Service Provisioning in Mobile Edge-Cloud Networks. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	15
287	NAMP: Network-Aware Multipathing in Software-Defined Data Center Networks. *IEEE/ACM Transactions on Networking*, **2020**, 28, 846-859	3.8	7

286	Adaptive Online Decision Method for Initial Congestion Window in 5G Mobile Edge Computing Using Deep Reinforcement Learning. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 389-403	14.2	21
285	HybrIDX: New Hybrid Index for Volume-hiding Range Queries in Data Outsourcing Services **2020**,		5
284	Minimizing the Longest Tour Time Among a Fleet of UAVs for Disaster Area Surveillance. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	7
283	Reliability analysis of data center networks based on precise and imprecise diagnosis strategies. *Theoretical Computer Science*, **2020**, 809, 189-203	1.1	3
282	A Novel Low Cost Interconnection Architecture Based on the Generalized Hypercube. *IEEE Transactions on Parallel and Distributed Systems*, **2020**, 31, 647-662	3.7	9
281	Efficient and Privacy-Preserving Ride Matching Using Exact Road Distance in Online Ride Hailing Services. *IEEE Transactions on Services Computing*, **2020**, 1-1	4.8	5
280	PFcrowd: Privacy-Preserving and Federated Crowdsourcing Framework by Using Blockchain **2020**,		5
279	Approximation Algorithms for the Team Orienteering Problem **2020**,		8
278	Data Collection of IoT Devices Using an Energy-Constrained UAV **2020**,		10
277	Verifiable and Forward-secure Encrypted Search Using Blockchain Techniques **2020**,		10
276	FedCrowd: A Federated and Privacy-Preserving Crowdsourcing Platform on Blockchain. *IEEE Transactions on Services Computing*, **2020**, 1-1	4.8	11
275	An Optimal Noise Mechanism for Cross-Correlated IoT Data Releasing. *IEEE Transactions on Dependable and Secure Computing*, **2020**, 1-1	3.9	2
274	Delay-Sensitive Multicast in Inter-Datacenter WAN Using Compressive Latency Monitoring. *IEEE Transactions on Cloud Computing*, **2020**, 8, 86-96	3.3	1
273	Releasing Correlated Trajectories: Towards High Utility and Optimal Differential Privacy. *IEEE Transactions on Dependable and Secure Computing*, **2020**, 17, 1109-1123	3.9	23
272	PSRide: Privacy-Preserving Shared Ride Matching for Online Ride Hailing Systems. *IEEE Transactions on Dependable and Secure Computing*, **2019**, 1-1	3.9	17
271	Constructing node-independent spanning trees on the line graph of the hypercube by an independent forest scheme. *Journal of Parallel and Distributed Computing*, **2019**, 134, 104-115	4.4	1
270	pRide **2019**,		6
269	An Efficient Wireless Control Plane for Software Defined Networking in Data Center Networks. *IEEE Access*, **2019**, 7, 58158-58167	3.5	

268	Nonredundant Information Collection in Rescue Applications via an Energy-Constrained UAV. *IEEE Internet of Things Journal*, **2019**, 6, 2945-2958	10.7	23
267	Algorithms for the metric ring star problem with fixed edge-cost ratio. *Journal of Combinatorial Optimization*, **2019**, 1	0.9	
266	Energy Efficiency Enhancement for CNN-based Deep Mobile Sensing. *IEEE Wireless Communications* , **2019**, 26, 161-167	13.4	5
265	A Game-Based Combinatorial Double Auction Model for Cloud Resource Allocation **2019**,		7
264	lpRide: Lightweight and Privacy-Preserving Ride Matching Over Road Networks in Online Ride Hailing Systems. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 10418-10428	6.8	23
263	Noise-Resilient Similarity Preserving Network Embedding for Social Networks **2019**,		5
262	. *IEEE/ACM Transactions on Networking*, **2019**, 27, 546-559	3.8	13
261	Optimal Satellite Data Downloading to Multiple ESs by ISL Offloading in LEO Satellite Networks **2019**,		2
260	Optimal Download of Dynamically Generated Data by Using ISL Offloading in LEO Networks **2019**,		2
259	SNIFF: A Scalable Network Inference Framework for Measuring End-to-End Performance Based on Matrix Completion **2019**,		2
258	pRide: Privacy-Preserving Ride Matching Over Road Networks for Online Ride-Hailing Service. *IEEE Transactions on Information Forensics and Security*, **2019**, 14, 1791-1802	8	49
257	SybSub: Privacy-Preserving Expressive Task Subscription With Sybil Detection in Crowdsourcing. *IEEE Internet of Things Journal*, **2019**, 6, 3003-3013	10.7	9
256	Enabling Encrypted Rich Queries in Distributed Key-Value Stores. *IEEE Transactions on Parallel and Distributed Systems*, **2019**, 30, 1283-1297	3.7	15
255	The extra connectivity, extra conditional diagnosability and t/k-diagnosability of the data center network DCell. *Theoretical Computer Science*, **2019**, 766, 16-29	1.1	28
254	Privacy-Preserving Task Recommendation Services for Crowdsourcing. *IEEE Transactions on Services Computing*, **2019**, 1-1	4.8	49
253	Dynamic Resource Provisioning for Energy Efficient Cloud Radio Access Networks. *IEEE Transactions on Cloud Computing*, **2019**, 7, 964-974	3.3	13
252	Data Transfer Scheduling for Maximizing Throughput of Big-Data Computing in Cloud Systems. *IEEE Transactions on Cloud Computing*, **2018**, 6, 87-98	3.3	7
251	Minimal Energy Broadcast for Delay-Bounded Applications in Satellite Networks. *IEEE Transactions on Green Communications and Networking*, **2018**, 2, 795-803	4	6

250	Anonymous Privacy-Preserving Task Matching in Crowdsourcing. *IEEE Internet of Things Journal*, **2018**, 5, 3068-3078	10.7	34
249	Throughput Optimization in WLAN/Cellular Integrated Network Using Partially Overlapped Channels. *IEEE Transactions on Wireless Communications*, **2018**, 17, 157-169	9.6	6
248	Maximizing Sensor Lifetime with the Minimal Service Cost of a Mobile Charger in Wireless Sensor Networks. *IEEE Transactions on Mobile Computing*, **2018**, 17, 2564-2577	4.6	49
247	Greening cloud data centers in an economical way by energy trading with power grid. *Future Generation Computer Systems*, **2018**, 78, 89-101	7.5	30
246	Diagnosability Evaluation of the Data Center Network DCell. *Computer Journal*, **2018**, 61, 129-143	1.3	24
245	Multi-user Forward Secure Dynamic Searchable Symmetric Encryption. *Lecture Notes in Computer Science*, **2018**, 125-140	0.9	12
244	Clustering-based Communication Backbone for Large Scale UAV Networks **2018**,		4
243	**2018**,		3
242	Dynamic Service Caching in Mobile Edge Networks **2018**,		15
241	Collaborative Service Placement for Mobile Edge Computing Applications **2018**,		19
240	Dual-side privacy-preserving task matching for spatial crowdsourcing. *Journal of Network and Computer Applications*, **2018**, 123, 101-111	7.9	6
239	Compressive Traffic Monitoring in Hybrid SDN. *IEEE Journal on Selected Areas in Communications*, **2018**, 36, 2731-2743	14.2	20
238	Energy Efficient Scheduling of Servers with Multi-Sleep Modes for Cloud Data Center. *IEEE Transactions on Cloud Computing*, **2018**, 1-1	3.3	6
237	Hamiltonian cycle and path embeddings in 3-ary n-cubes based on K1,3-structure faults. *Journal of Parallel and Distributed Computing*, **2018**, 120, 148-158	4.4	15
236	An Optimal Pufferfish Privacy Mechanism for Temporally Correlated Trajectories. *IEEE Access*, **2018**, 6, 37150-37165	3.5	6
235	EncKV **2017**,		30
234	Fault-tolerant embedding of complete binary trees in locally twisted cubes. *Journal of Parallel and Distributed Computing*, **2017**, 101, 69-78	4.4	12
233	Multi-resource allocation in cloud radio access networks **2017**,		11

232	Privacy-preserving attribute-keyword based data publish-subscribe service on cloud platforms. *Information Sciences*, **2017**, 387, 116-131	7.7	49
231	THEMIS: Collusion-Resistant and Fair Pricing Spectrum Auction Under Dynamic Supply. *IEEE Transactions on Mobile Computing*, **2017**, 16, 2051-2064	4.6	14
230	Delay Minimization for Spatial Data Processing in Wireless Networked Disaster Areas **2017**,		4
229	New analysis and computational study for the planar connected dominating set problem. *Journal of Combinatorial Optimization*, **2016**, 32, 198-225	0.9	
228	Structured queries with generalized pattern matching on encrypted cloud data **2016**,		1
227	Minimizing Energy Cost by Dynamic Switching ON/OFF Base Stations in Cellular Networks. *IEEE Transactions on Wireless Communications*, **2016**, 15, 7457-7469	9.6	36
226	Maximizing Sensor Lifetime in a Rechargeable Sensor Network via Partial Energy Charging on Sensors **2016**,		20
225	Vertex-disjoint paths in DCell networks. *Journal of Parallel and Distributed Computing*, **2016**, 96, 38-44	4.4	22
224	Maintaining Large-Scale Rechargeable Sensor Networks Perpetually via Multiple Mobile Charging Vehicles. *ACM Transactions on Sensor Networks*, **2016**, 12, 1-26	2.9	66
223	Design of Analytical Model and Algorithm for Optimal Roadside AP Placement in VANETs. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 7708-7718	6.8	7
222	. *IEEE Transactions on Multimedia*, **2016**, 18, 940-950	6.6	66
221	QoS Guaranteed Causal Ordering Group Communication for Cognitive Radio Ad Hoc Networks. *Wireless Personal Communications*, **2016**, 86, 1447-1465	1.9	
220	Network throughput maximization in unreliable wireless sensor networks with minimal remote data transfer cost. *Wireless Communications and Mobile Computing*, **2016**, 16, 1176-1191	1.9	2
219	Secure the Internet, one home at a time. *Security and Communication Networks*, **2016**, 9, 3821-3832	1.9	12
218	Lowering Down the Cost for Green Cloud Data Centers by Using ESDs and Energy Trading **2016**,		4
217	Secure Task Recommendation in Crowdsourcing **2016**,		16
216	Performance-guaranteed strongly connected dominating sets in heterogeneous wireless sensor networks **2016**,		5
215	Minimizing Energy Cost of Base Stations with Consideration of Switching on/off Cost **2016**,		2

214	Complete binary trees embeddings in MBius cubes. *Journal of Computer and System Sciences*, **2016**, 82, 260-281	1	7
213	An efficient algorithm to construct disjoint path covers of DCell networks. *Theoretical Computer Science*, **2016**, 609, 197-210	1.1	28
212	Delay-bounded and minimal transmission broadcast in LEO satellite networks **2016**,		9
211	Supporting Seamless Virtual Machine Migration via Named Data Networking in Cloud Data Center. *IEEE Transactions on Parallel and Distributed Systems*, **2015**, 26, 3485-3497	3.7	18
210	Embedding complete binary trees into parity cubes. *Journal of Supercomputing*, **2015**, 71, 1-27	2.5	27
209	A Tree Regression-Based Approach for VM Power Metering. *IEEE Access*, **2015**, 3, 610-621	3.5	19
208	Throughput improvement for delay-sensitive video broadcast in wireless mesh networks. *Computers and Electrical Engineering*, **2015**, 48, 214-225	4.3	3
207	Delay-bounded minimal cost placement of roadside units in vehicular ad hoc networks **2015**,		14
206	Generalized pattern matching string search on encrypted data in cloud systems **2015**,		19
205	Minimum-Cost Information Dissemination in Social Networks. *Lecture Notes in Computer Science*, **2015**, 83-93	0.9	3
204	Hamiltonian Properties of DCell Networks. *Computer Journal*, **2015**, 58, 2944-2955	1.3	24
203	One-to-one disjoint path covers on alternating group graphs. *Theoretical Computer Science*, **2015**, 562, 146-164	1.1	12
202	Routing and transmission scheduling for minimizing broadcast delay in multirate wireless mesh networks using directional antennas. *Wireless Communications and Mobile Computing*, **2015**, 15, 87-99	1.9	7
201	Maximise success probability for real-time sensor networks using contention-based protocols. *International Journal of Sensor Networks*, **2015**, 18, 217	0.8	
200	A new unpredictability-based radio frequency identification forward privacy model and a provably secure construction. *Security and Communication Networks*, **2015**, 8, 2836-2849	1.9	2
199	Performance evaluation of social relation opportunistic routing in dynamic social networks **2015**,		3
198	Dimensional-Permutation-Based Independent Spanning Trees in Bijective Connection Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2015**, 26, 45-53	3.7	13
197	QoS-Guaranteed Controller Placement in SDN **2015**,		29

178	Power Metering for Virtual Machine in Cloud Computing-Challenges and Opportunities. *IEEE Access* , **2014**, 2, 1106-1116	3.5	29
177	Maintaining sensor networks perpetually via wireless recharging mobile vehicles **2014**,		4
176	ABAC: Attribute-Based Access Control. *SpringerBriefs in Computer Science*, **2014**, 39-58	0.4	5
175	Parallel construction of independent spanning trees and an application in diagnosis on Möbius cubes. *Journal of Supercomputing*, **2013**, 65, 1279-1301	2.5	25
174	Attribute-based fine-grained access control with efficient revocation in cloud storage systems **2013** ,		58
173	A novel socially-aware opportunistic routing algorithm in mobile social networks **2013**,		8
172	Hamiltonian properties of honeycomb meshes. *Information Sciences*, **2013**, 240, 184-190	7.7	7
171	Partially overlapping channel assignment for WLANs using SINR interference model. *International Journal of Communication Systems*, **2013**, 27, n/a-n/a	1.7	3
170	Localized and configurable topology control in lossy wireless sensor networks. *Ad Hoc Networks*, **2013**, 11, 1345-1358	4.8	10
169	DAC-MACS: Effective data access control for multi-authority cloud storage systems **2013**,		58
168	DAC-MACS: Effective Data Access Control for Multiauthority Cloud Storage Systems. *IEEE Transactions on Information Forensics and Security*, **2013**, 8, 1790-1801	8	164
167	Energy Saving Virtual Machine Allocation in Cloud Computing **2013**,		18
166	Characterizing Information Diffusion in Online Social Networks with Linear Diffusive Model **2013**,		39
165	An Efficient and Secure Dynamic Auditing Protocol for Data Storage in Cloud Computing. *IEEE Transactions on Parallel and Distributed Systems*, **2013**, 24, 1717-1726	3.7	329
164	An efficient scheduling scheme for hybrid TDMA and SDMA systems with smart antennas in WLANs. *Wireless Networks*, **2013**, 19, 259-271	2.5	3
163	Independent spanning trees in crossed cubes. *Information Sciences*, **2013**, 233, 276-289	7.7	31
162	Dimension-adjacent trees and parallel construction of independent spanning trees on crossed cubes. *Journal of Parallel and Distributed Computing*, **2013**, 73, 641-652	4.4	28
161	Multi-Hop Collaborative Relay Networks with Consideration of Contention Overhead of Relay Nodes in IEEE 802.11 DCF. *IEEE Transactions on Communications*, **2013**, 61, 532-540	6.9	10

160	A hybrid method of CSMA/CA and TDMA for real-time data aggregation in wireless sensor networks. *Computer Communications*, **2013**, 36, 269-278	5.1	10
159	Monitoring Quality Maximization through Fair Rate Allocation in Harvesting Sensor Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2013**, 24, 1827-1840	3.7	26
158	Maximizing network throughput with minimal remote data transfer cost in unreliable wireless sensor networks **2013**,		1
157	Stability analyses of static greedy link schedulings in MC-MR wireless networks **2013**,		1
156	Scalable algorithms for wireless link schedulings in multi-channel multi-radio wireless networks **2013**,		10
155	Constructive Algorithm of Independent Spanning Trees on Mobius Cubes. *Computer Journal*, **2013**, 56, 1347-1362	1.3	22
154	Independent spanning trees on twisted cubes. *Journal of Parallel and Distributed Computing*, **2012**, 72, 58-69	4.4	32
153	QoS multicast routing in cognitive radio ad hoc networks. *International Journal of Communication Systems*, **2012**, 25, 30-46	1.7	27
152	Exploiting Data Fusion to Improve the Coverage of Wireless Sensor Networks. *IEEE/ACM Transactions on Networking*, **2012**, 20, 450-462	3.8	92
151	An algorithm to construct independent spanning trees on parity cubes. *Theoretical Computer Science*, **2012**, 465, 61-72	1.1	26
150	Attributed-Based Access Control for Multi-authority Systems in Cloud Storage **2012**,		49
149	Channel assignment for WLAN by considering overlapping channels in SINR interference model **2012**,		14
148	Data storage auditing service in cloud computing: challenges, methods and opportunities. *World Wide Web*, **2012**, 15, 409-428	2.9	137
147	Analysis of capacity improvement by directional antennas in wireless sensor networks. *ACM Transactions on Sensor Networks*, **2012**, 9, 1-25	2.9	6
146	. *IEEE Transactions on Parallel and Distributed Systems*, **2012**, 23, 1844-1855	3.7	15
145	**2012**,		1
144	Real-Time Data Aggregation for Contention-Based Sensor Networks in Cyber-Physical Systems. *Lecture Notes in Computer Science*, **2012**, 520-531	0.9	2
143	Wireless link scheduling under physical interference model **2011**,		59

142	**2011**,		32
141	Real-Time Data Aggregation with High Success Probability in Contention-Based Wireless Sensor Networks **2011**,		2
140	. *IEEE Transactions on Vehicular Technology*, **2011**, 60, 3300-3308	6.8	15
139	Topology control for multi-channel multi-radio wireless mesh networks using directional antennas. *Wireless Networks*, **2011**, 17, 41-51	2.5	19
138	The spined cube: A new hypercube variant with smaller diameter. *Information Processing Letters*, **2011**, 111, 561-567	0.8	29
137	Efficient unicast in bijective connection networks with the restricted faulty node set. *Information Sciences*, **2011**, 181, 2303-2315	7.7	39
136	Embedding meshes into twisted-cubes. *Information Sciences*, **2011**, 181, 3085-3099	7.7	27
135	Extending lifetime of sensor surveillance systems in data fusion model **2011**,		2
134	Causal ordering group communication for cognitive radio ad hoc networks **2011**,		3
133	An efficient fault-tolerant routing algorithm in bijective connection networks with restricted faulty edges. *Theoretical Computer Science*, **2011**, 412, 3440-3450	1.1	32
132	Critical sensor density for partial connectivity in large area wireless sensor networks. *ACM Transactions on Sensor Networks*, **2011**, 7, 1-23	2.9	12
131	Minimum Delay Broadcast Scheduling for Wireless Networks with Directional Antennas **2011**,		1
130	General Maximal Lifetime Sensor-Target Surveillance Problem and Its Solution. *IEEE Transactions on Parallel and Distributed Systems*, **2011**, 22, 1757-1765	3.7	8
129	Minimizing Cost of Placement of Multi-Radio and Multi-Power-Level Access Points with Rate Adaptation in Indoor Environment. *IEEE Transactions on Wireless Communications*, **2011**, 10, 2186-2195	9.6	14
128	Fault Tolerant AP Placement with QoS Constraint in Wireless Local Area Networks **2011**,		1
127	Weighted wireless link scheduling without information of positions and interference/communication radii **2011**,		11
126	**2010**,		2
125	Real-time data aggregation in contention-based wireless sensor networks. *ACM Transactions on Sensor Networks*, **2010**, 7, 1-25	2.9	14

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124	Threshold Key Redistribution for Dynamic Change of Authentication Group in Wireless Mesh Networks **2010**,		2
123	*. IEEE Transactions on Communications*, **2010**, 58, 3550-3560	6.9	4
122	QoS multicast routing and transmission scheduling in multi-hop cognitive radio networks **2010**,		7
121	Minimum AP Placement for WLAN with Rate Adaptation Using Physical Interference Model **2010**,		6
120	Mobile Scheduling for Spatiotemporal Detection in Wireless Sensor Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2010**, 21, 1851-1866	3.7	22
119	*. IEEE Transactions on Parallel and Distributed Systems*, **2010**, 21, 1254-1266	3.7	61
118	Critical Sensor Density for Partial Connectivity in Large Area Wireless Sensor Networks **2010**,		6
117	Computational Study for Planar Connected Dominating Set Problem. *Lecture Notes in Computer Science*, **2010**, 107-116	0.9	1
116	Distributed Location Service by Using Quorum Methods for Large Scale Wireless Sensor Networks **2010**, 565-590		
115	**2009**,		2
114	Dynamic Multiresolution Data Dissemination in Wireless Sensor Networks. *IEEE Transactions on Mobile Computing*, **2009**, 8, 1205-1220	4.6	13
113	**2009**,		3
112	Reducing Data Aggregation Latency by Using Partially Overlapped Channels in Sensor Networks **2009**,		4
111	Minimum-latency aggregation scheduling in multihop wireless networks **2009**,		170
110	Data fusion improves the coverage of wireless sensor networks **2009**,		84
109	Asymptotic Critical Transmission Radii for Greedy Forward Routing in Wireless Ad Hoc Networks. *IEEE Transactions on Communications*, **2009**, 57, 1433-1443	6.9	2
108	Channel assignment using block design in wireless mesh networks. *Computer Communications*, **2009**, 32, 1148-1153	5.1	5
107	Computational study on planar dominating set problem. *Theoretical Computer Science*, **2009**, 410, 5455-5466	5.4	6

106	Design and analysis of a self-tuning feedback controller for the Internet. *Computer Networks*, **2009**, 53, 1784-1797	5.4	9
105	The Restricted Connectivity of Locally Twisted Cubes **2009**,		7
104	A Fault-Free Unicast Algorithm in Twisted Cubes with the Restricted Faulty Node Set **2009**,		1
103	Maximum Independent Set of Links under Physical Interference Model. *Lecture Notes in Computer Science*, **2009**, 169-178	0.9	20
102	Optimization on Data Object Compression and Replication in Wireless Multimedia Sensor Networks. *Lecture Notes in Computer Science*, **2009**, 77-91	0.9	
101	Mobility-Assisted Spatiotemporal Detection in Wireless Sensor Networks **2008**,		17
100	Topology Control for Throughput Optimization in Wireless Mesh Networks **2008**,		5
99	Coverage problems in wireless sensor networks: designs and analysis. *International Journal of Sensor Networks*, **2008**, 3, 191	0.8	74
98	A scalable quorum-based location service in ad hoc and sensor networks. *International Journal of Communication Networks and Distributed Systems*, **2008**, 1, 71	0.4	61
97	Embedding of Cycles in Twisted Cubes with Edge-Pancyclic. *Algorithmica*, **2008**, 51, 264-282	0.9	38
96	Inapproximability and approximability of minimal tree routing and coloring. *Journal of Discrete Algorithms*, **2008**, 6, 341-351		
95	Edge-pancyclicity and path-embeddability of bijective connection graphs. *Information Sciences*, **2008**, 178, 340-351	7.7	64
94	Optimal precomputation for mapping service level agreements in grid computing. *Future Generation Computer Systems*, **2008**, 24, 849-859	7.5	1
93	Computational Study on Dominating Set Problem of Planar Graphs. *Lecture Notes in Computer Science*, **2008**, 89-102	0.9	1
92	A Distributed and Efficient Flooding Scheme Using 1-Hop Information in Mobile Ad Hoc Networks. *IEEE Transactions on Parallel and Distributed Systems*, **2007**, 18, 658-671	3.7	51
91	Optimal Embeddings of Paths with Various Lengths in Twisted Cubes. *IEEE Transactions on Parallel and Distributed Systems*, **2007**, 18, 511-521	3.7	49
90	Energy efficient multicast routing in ad hoc wireless networks. *Computer Communications*, **2007**, 30, 3746-3756	5.3	35
89	Embedding meshes into crossed cubes. *Information Sciences*, **2007**, 177, 3151-3160	7.7	47

88	QoS multicast routing by using multiple paths/trees in wireless ad hoc networks. *Ad Hoc Networks*, **2007**, 5, 600-612	4.8	45
87	Optimal fault-tolerant embedding of paths in twisted cubes. *Journal of Parallel and Distributed Computing*, **2007**, 67, 205-214	4.4	43
86	Quorum and connected dominating sets based location service in wireless ad hoc, sensor and actuator networks. *Computer Communications*, **2007**, 30, 3627-3643	5.1	13
85	Non-unique probe selection and group testing. *Theoretical Computer Science*, **2007**, 381, 29-32	1.1	4
84	Dynamic multi-resolution data dissemination in storage-centric wireless sensor networks **2007**,		3
83	. *IEEE/ACM Transactions on Networking*, **2007**, 15, 334-345	3.8	48
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