

Euisin Lee

List of Publications by Year in descending order

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99
papers

854
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840776

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888059

17
g-index

101
all docs

101
docs citations

101
times ranked

821
citing authors

#	ARTICLE	IF	CITATIONS
1	Vehicular cloud networking: architecture and design principles. , 2014, 52, 148-155.		314
2	A modeling for hole problem in wireless sensor networks. , 2007, , .		30
3	Mobile Geocasting to Support Mobile Sink Groups in Wireless Sensor Networks. IEEE Communications Letters, 2010, 14, 939-941.	4.1	29
4	Communication model and protocol based on multiple static sinks for supporting mobile users in wireless sensor networks. IEEE Transactions on Consumer Electronics, 2010, 56, 1652-1660.	3.6	29
5	Virtual Line-Based Data Dissemination for Mobile Sink Groups in Wireless Sensor Networks. IEEE Communications Letters, 2013, 17, 1864-1867.	4.1	24
6	Large-scale mobile phenomena monitoring with energy-efficiency in wireless sensor networks. Computer Networks, 2015, 81, 116-135.	5.1	24
7	Data gathering mechanism with local sink in geographic routing for wireless sensor networks. IEEE Transactions on Consumer Electronics, 2010, 56, 1433-1441.	3.6	23
8	A Communication Architecture to Reflect User Mobility Issue in Wireless Sensor Fields. , 2007, , .		22
9	Sink Location Service for Geographic Routing in Wireless Sensor Networks. , 2008, , .		20
10	Rendezvous-based data dissemination for supporting mobile sinks in multi-hop clustered wireless sensor networks. Wireless Networks, 2014, 20, 2319-2336.	3.0	19
11	Communication Scheme to Support Sink Mobility in Multi-hop Clustered Wireless Sensor Networks. , 2010, , .		18
12	Novel service protocol for supporting remote and mobile users in wireless sensor networks with multiple static sinks. Wireless Networks, 2011, 17, 861-875.	3.0	18
13	Novel strategy for data dissemination to mobile sink groups in wireless sensor networks. IEEE Communications Letters, 2010, 14, 202-204.	4.1	16
14	OMLRP: Multi-Hop Information Based Real-Time Routing Protocol in Wireless Sensor Networks. , 2010, , .		15
15	Active data dissemination for mobile sink groups in wireless sensor networks. Ad Hoc Networks, 2018, 72, 56-67.	5.5	14
16	A simple location propagation scheme for mobile sink in wireless sensor networks. IEEE Communications Letters, 2010, 14, 321-323.	4.1	13
17	An explicit disjoint multipath algorithm for Cost efficiency in wireless sensor networks. , 2010, , .		12
18	Sink Location Service Based on Circle and Line Paths in Wireless Sensor Networks. IEEE Communications Letters, 2010, 14, 710-712.	4.1	12

#	ARTICLE	IF	CITATIONS
19	Continuous object tracking protocol with selective wakeup based on practical boundary prediction in wireless sensor networks. <i>Computer Networks</i> , 2019, 162, 106854.	5.1	11
20	An Edge Nodes Energy Efficient Hole Modeling in Wireless Sensor Networks. , 2007, , .		10
21	A Predictable Mobility-Based Data Dissemination Protocol for Wireless Sensor Networks. , 2008, , .		10
22	Reliable and flexible detection of large-scale phenomena on wireless sensor networks. <i>IEEE Communications Letters</i> , 2012, 16, 933-936.	4.1	10
23	Quorum based sink location service for irregular wireless sensor networks. <i>Computer Communications</i> , 2012, 35, 1422-1432.	5.1	8
24	Vehicle location service scheme based on road map in Vehicular Sensor Networks. <i>Computer Networks</i> , 2017, 127, 138-150.	5.1	8
25	A Novel Mechanism to Support Mobility of Users in Wireless Sensor Networks Based on Multiple Static Sinks. , 2007, , .		7
26	Continuous data dissemination protocol supporting mobile sinks with a sink location manager. , 2007, , .		7
27	Real-Time Routing Protocol Based on Expect Grids for Mobile Sinks in Wireless Sensor Networks. , 2011, , .		7
28	Geographic Multicast Protocol for Mobile Sinks in Wireless Sensor Networks. <i>IEEE Communications Letters</i> , 2011, 15, 1320-1322.	4.1	7
29	Scalable and robust data dissemination for large-scale wireless sensor networks. <i>IEEE Transactions on Consumer Electronics</i> , 2010, 56, 1616-1624.	3.6	6
30	Design and analysis of novel quorum-based sink location service scheme in wireless sensor networks. <i>Wireless Networks</i> , 2014, 20, 493-509.	3.0	6
31	Data delivery protocol using the trajectory information on a road map in VANETs. <i>Ad Hoc Networks</i> , 2020, 107, 102260.	5.5	6
32	Hole modeling and detour scheme for geographic routing in wireless sensor networks. <i>Journal of Communications and Networks</i> , 2009, 11, 327-336.	2.6	5
33	A Data Dissemination Model Base on Content-Based Publish/Subscribe Paradigm in Large-Scale Wireless Sensor Networks. , 2009, , .		5
34	Multi-hop Vehicular Cloud Construction with Connection Time based Resource Allocation in VANETs. , 2018, , .		5
35	A Data Delivery Mechanism to Support Mobile Users in Wireless Sensor Networks. <i>International Conference on Advanced Communication Technology</i> , 2007, , .	0.0	4
36	QSLs: Efficient Quorum Based Sink Location Service for Geographic Routing in Irregular Wireless Sensor Networks. <i>IEICE Transactions on Communications</i> , 2009, E92-B, 3935-3938.	0.7	4

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37	Quorum-based location service in Vehicular Sensor Networks. , 2013, , .		4
38	Virtual tube storage scheme for supporting mobile sink groups in wireless sensor networks. Computer Communications, 2020, 159, 245-257.	5.1	4
39	Energy-Efficient and Reliable Face-Routing Scheme in Wireless Networks. Sensors, 2021, 21, 2746.	3.8	4
40	Anchor Node Based Sink Location Dissemination Scheme for Geographic Routing. IEEE Vehicular Technology Conference, 2008, , .	0.4	3
41	Efficient Sink Location Service for prolonging the network lifetime in wireless sensor networks. , 2016, , .		3
42	Farthest destination selection and Shortest Path Connection strategy for efficient multicasting in Vehicular Ad Hoc Networks. , 2016, , .		3
43	Efficient Multipath Routing Protocol Against Path Failures in Wireless Sensor Networks. , 2019, , .		3
44	IGAP: an Information GATHERing Protocol for mobile user in infrastructureless area. International Conference on Advanced Communication Technology, 2007, , .	0.0	2
45	A Stability-Based Overlay Multicast for Mobile Ad Hoc Networks. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , .	0.0	2
46	A Energy efficient data-dissemination protocol with multiple virtual grid in wireless sensor network. , 2007, , .		2
47	Virtual Circle Based Geometric Modeling of Holes for Geographic Routing. , 2008, , .		2
48	Localized mechanism for continuous objects tracking and monitoring in wireless sensor networks. , 2009, , .		2
49	Local data collection in geographic routing for wireless sensor networks. , 2009, , .		2
50	Geographic routing based on on-demand neighbor position information in large-scale mobile sensor networks. , 2009, , .		2
51	On Selection of Energy-Efficient Data Aggregation Node in Wireless Sensor Networks. IEICE Transactions on Communications, 2010, E93-B, 2436-2439.	0.7	2
52	General Sink Location Service Based on Circle and Line Paths in Wireless Sensor Networks. , 2010, , .		2
53	Consecutive geographic multicasting protocol in large-scale wireless sensor networks. , 2010, , .		2
54	X-geocasting: Data dissemination to mobile sink groups in wireless sensor networks. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
55	Reliable and energy-efficient routing protocol for mobile sink groups in wireless sensor networks. , 2012, , .		2
56	Band-based geocasting for mobile sink groups in wireless sensor networks. Wireless Networks, 2013, 19, 1285-1298.	3.0	2
57	Event-to-Sink Multipath Routing Protocol for Event Reliability in Wireless Sensor Networks. , 2018, , .		2
58	Adaptive Content Precaching Scheme Based on the Predictive Speed of Vehicles in Content-Centric Vehicular Networks. Sensors, 2021, 21, 5376.	3.8	2
59	Real-Time Routing Based on On-Demand Multi-Hop Lookahead in Wireless Sensor Networks. IEICE Transactions on Communications, 2011, E94-B, 569-572.	0.7	2
60	Communications and Networking for Mobile Sink in Wireless Sensor Networks. Wireless Communications and Mobile Computing, 2021, 2021, 1-2.	1.2	2
61	Video Packet Distribution Scheme for Multimedia Streaming Services in VANETs. Sensors, 2021, 21, 7368.	3.8	2
62	Optimized Distributed Proactive Caching Based on Movement Probability of Vehicles in Content-Centric Vehicular Networks. Sensors, 2022, 22, 3346.	3.8	2
63	A Tree Partition-Based Overlay Multicast in Mobile Ad Hoc Networks. , 2007, , .		1
64	A Novel Communication Architecture to Support Mobile Users in Wireless Sensor Fields. IEEE Vehicular Technology Conference, 2007, , .	0.4	1
65	Dynamic Rectangle Zone-Based Collaboration Mechanism for Tracking Continuous Objects in Wireless Sensor Networks. , 2008, , .		1
66	Energy-Efficient Mechanism for Mobility Guarantee used Location-Information in Wireless Sensor Networks. , 2008, , .		1
67	Information communication scheme for loosely coupled mobile users in wireless sensor fields with multiple sources. , 2009, , .		1
68	Communication Scheme for Loosely Coupled Mobile User Groups in Wireless Sensor Fields. , 2009, , .		1
69	Dynamic Location Update Scheme for Mobile Sinks in Wireless Sensor Networks. , 2010, , .		1
70	Group Mobility Support Protocol for Mobile Sinks Based on Grid Clusters in Wireless Sensor Networks. , 2011, , .		1
71	Cluster-Based Communication for Mobile Sink Groups in Large-Scale Wireless Sensor Networks. IEICE Transactions on Communications, 2011, E94-B, 307-310.	0.7	1
72	Passive and greedy beaconless geographic routing for real-time data dissemination in wireless networks. International Journal of Sensor Networks, 2018, 28, 114.	0.4	1

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73	Large-Scale Object Monitoring in Internet-of-Things: Energy-Efficient Perspectives. Electronics (Switzerland), 2021, 10, 461.	3.1	1
74	Inter-Domain Roaming Mechanism Transparent to Mobile Nodes among PMIPv6 Networks. IEICE Transactions on Communications, 2010, E93-B, 1608-1611.	0.7	1
75	Independent Grid Structure-Based Routing Protocol in Wireless Sensor Networks. IEICE Transactions on Communications, 2013, E96.B, 309-312.	0.7	1
76	Energy-Efficient Boundary Monitoring for Large-Scale Continuous Objects. IEICE Transactions on Communications, 2012, E95.B, 2451-2454.	0.7	1
77	A Communication Architecture for Supporting Mobile User in Wireless Sensor Networks. International Conference on Advanced Communication Technology, 2007, , .	0.0	0
78	User mobility model and data dissemination scheme for wireless sensor networks. , 2007, , .		0
79	A Data Dissemination Protocol Based on Multiple Virtual Grids in Wireless Sensor Network. , 2008, , .		0
80	Communication Architecture to Support Multiple Mobile Users in Wireless Sensor Networks. , 2008, , .		0
81	Communication Scheme Independent of Publishers and Subscribers for Large-Scale Sensor Applications. , 2009, , .		0
82	Information Communication Mechanism for Loosely Coupled Mobile User Groups in Wireless Sensor Fields. , 2009, , .		0
83	Reliability Support Protocol for Continuous Object Detection in Large-Scale Wireless Sensor Networks. , 2011, , .		0
84	B-Geocasting: Effective data dissemination protocol to support group mobility of sinks. , 2012, , .		0
85	Scalable location guide overlay multicast in mobile <i>ad hoc</i> networks using tree partition scheme. Wireless Communications and Mobile Computing, 2012, 12, 969-984.	1.2	0
86	Energy-efficient mobile groupcasting protocol in wireless sensor networks. , 2016, , .		0
87	Handling sink group mobility in wireless sensor networks. , 2016, , .		0
88	Poster Abstract: Enhanced Real-Time Transmission Using Time Gain in Wireless Sensor Networks. , 2016, , .		0
89	Multipath construction and management protocol for mobile sinks in wireless sensor networks. , 2017, , .		0
90	Three-dimensional wireless ad hoc and sensor networks 2016. International Journal of Distributed Sensor Networks, 2017, 13, 155014771771597.	2.2	0

#	ARTICLE	IF	CITATIONS
91	Efficient Data Delivery Protocol Using Vehicle Mobility Information in VANETs. , 2018, , .		0
92	RECOD: reliable detection protocol for large-scale and dynamic continuous objects in wireless sensor networks. <i>Wireless Networks</i> , 2019, 25, 4193-4213.	3.0	0
93	Quality-Based Event Reliability Protocol in Wireless Sensor Networks. <i>IEICE Transactions on Communications</i> , 2011, E94-B, 293-296.	0.7	0
94	Local Location Search Based Progressive Geographic Multicast Protocol in Wireless Sensor Networks. <i>IEICE Transactions on Communications</i> , 2012, E95.B, 1419-1422.	0.7	0
95	Communication Reliability Support with the Minimum Number of Totally Transmitted Packets in Wireless Sensor Networks. <i>IEICE Transactions on Communications</i> , 2012, E95.B, 2455-2458.	0.7	0
96	Energy-Efficient Multipath Routing Protocol for Supporting Mobile Events in Wireless Sensor Networks. <i>KIPS Transactions on Computer and Communication Systems</i> , 2016, 5, 455-462.	0.1	0
97	Energy-Efficient and Disjoint Multipath Using Face Routing in Wireless Sensor Networks. <i>Energies</i> , 2021, 14, 7823.	3.1	0
98	Cost-Efficient and Reliable Communication Scheme for Supporting a Mobile Device in WirelessHART of IIoT. <i>IEEE Access</i> , 2022, 10, 68450-68467.	4.2	0
99	Design and Evaluation of Schemes for Replacing Multiple Member Vehicles in Vehicular Clouds. <i>Electronics (Switzerland)</i> , 2022, 11, 2085.	3.1	0