Euisin Lee

List of Publications by Year
in descending order

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99 papers	854 citations	840776 11 h-index	888059 17 g-index
101 all docs	101 docs citations	101 times ranked	821 citing authors

#	Article	IF	Citations
1	Optimized Distributed Proactive Caching Based on Movement Probability of Vehicles in Content-Centric Vehicular Networks. Sensors, 2022, 22, 3346.	3.8	2
2	Cost-Efficient and Reliable Communication Scheme for Supporting a Mobile Device in WirelessHART of IIoT. IEEE Access, 2022, 10, 68450-68467.	4.2	0
3	Design and Evaluation of Schemes for Replacing Multiple Member Vehicles in Vehicular Clouds. Electronics (Switzerland), 2022, 11, 2085.	3.1	0
4	Large-Scale Object Monitoring in Internet-of-Things: Energy-Efficient Perspectives. Electronics (Switzerland), 2021, 10, 461.	3.1	1
5	Energy-Efficient and Reliable Face-Routing Scheme in Wireless Networks. Sensors, 2021, 21, 2746.	3.8	4
6	Adaptive Content Precaching Scheme Based on the Predictive Speed of Vehicles in Content-Centric Vehicular Networks. Sensors, 2021, 21, 5376.	3.8	2
7	Communications and Networking for Mobile Sink in Wireless Sensor Networks. Wireless Communications and Mobile Computing, 2021, 2021, 1-2.	1.2	2
8	Video Packet Distribution Scheme for Multimedia Streaming Services in VANETs. Sensors, 2021, 21, 7368.	3.8	2
9	Energy-Efficient and Disjoint Multipath Using Face Routing in Wireless Sensor Networks. Energies, 2021, 14, 7823.	3.1	0
10	Virtual tube storage scheme for supporting mobile sink groups in wireless sensor networks. Computer Communications, 2020, 159, 245-257.	5.1	4
11	Data delivery protocol using the trajectory information on a road map in VANETs. Ad Hoc Networks, 2020, 107, 102260.	5.5	6
12	Continuous object tracking protocol with selective wakeup based on practical boundary prediction in wireless sensor networks. Computer Networks, 2019, 162, 106854.	5.1	11
13	RECOD: reliable detection protocol for large-scale and dynamic continuous objects in wireless sensor networks. Wireless Networks, 2019, 25, 4193-4213.	3.0	0
14	Efficient Multipath Routing Protocol Against Path Failures in Wireless Sensor Networks. , 2019, , .		3
15	Active data dissemination for mobile sink groups in wireless sensor networks. Ad Hoc Networks, 2018, 72, 56-67.	5.5	14
16	Event-to-Sink Multipath Routing Protocol for Event Reliability in Wireless Sensor Networks. , 2018, , .		2
17	Multi-hop Vehicular Cloud Construction with Connection Time based Resource Allocation in VANETs. , 2018, , .		5
18	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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19	Efficient Data Delivery Protocol Using Vehicle Mobility Information in VANETs. , 2018, , .		0
20	Vehicle location service scheme based on road map in Vehicular Sensor Networks. Computer Networks, 2017, 127, 138-150.	5.1	8
21	Multipath construction and management protocol for mobile sinks in wireless sensor networks. , 2017, , .		0
22	Three-dimensional wireless ad hoc and sensor networks 2016. International Journal of Distributed Sensor Networks, 2017, 13, 155014771771597.	2.2	0
23	Energy-efficient mobile groupcasting protocol in wireless sensor networks. , 2016, , .		0
24	Efficient Sink Location Service for prolonging the network lifetime in wireless sensor networks. , 2016, , .		3
25	Farthest destination selection and Shortest Path Connection strategy for efficient multicasting in Vehicular Ad Hoc Networks. , 2016, , .		3
26	Handling sink group mobility in wireless sensor networks. , 2016, , .		0
27	Poster Abstract: Enhanced Real-Time Transmission Using Time Gain in Wireless Sensor Networks. , 2016, , .		0
28	Energy-Efficient Multipath Routing Protocol for Supporting Mobile Events in Wireless Sensor Networks. KIPS Transactions on Computer and Communication Systems, 2016, 5, 455-462.	0.1	0
29	Large-scale mobile phenomena monitoring with energy-efficiency in wireless sensor networks. Computer Networks, 2015, 81, 116-135.	5.1	24
30	Design and analysis of novel quorum-based sink location service scheme in wireless sensor networks. Wireless Networks, 2014, 20, 493-509.	3.0	6
31	Vehicular cloud networking: architecture and design principles. , 2014, 52, 148-155.		314
32	Rendezvous-based data dissemination for supporting mobile sinks in multi-hop clustered wireless sensor networks. Wireless Networks, 2014, 20, 2319-2336.	3.0	19
33	Virtual Line-Based Data Dissemination for Mobile Sink Groups in Wireless Sensor Networks. IEEE Communications Letters, 2013, 17, 1864-1867.	4.1	24
34	Band-based geocasting for mobile sink groups in wireless sensor networks. Wireless Networks, 2013, 19, 1285-1298.	3.0	2
35	Quorum-based location service in Vehicular Sensor Networks. , 2013, , .		4
36	Independent Grid Structure-Based Routing Protocol in Wireless Sensor Networks. IEICE Transactions on Communications, 2013, E96.B, 309-312.	0.7	1

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37	B-Geocasting: Effective data dissemination protocol to support group mobility of sinks. , 2012, , .		0
38	Reliable and flexible detection of large-scale phenomena on wireless sensor networks. IEEE Communications Letters, 2012, 16, 933-936.	4.1	10
39	Reliable and energy-efficient routing protocol for mobile sink groups in wireless sensor networks. , 2012, , .		2
40	Quorum based sink location service for irregular wireless sensor networks. Computer Communications, 2012, 35, 1422-1432.	5.1	8
41	Scalable location guide overlay multicast in mobile ad hoc networks using tree partition scheme. Wireless Communications and Mobile Computing, 2012, 12, 969-984.	1.2	0
42	Energy-Efficient Boundary Monitoring for Large-Scale Continuous Objects. IEICE Transactions on Communications, 2012, E95.B, 2451-2454.	0.7	1
43	Local Location Search Based Progressive Geographic Multicast Protocol in Wireless Sensor Networks. IEICE Transactions on Communications, 2012, E95.B, 1419-1422.	0.7	0
44	Communication Reliability Support with the Minimum Number of Totally Transmitted Packets in Wireless Sensor Networks. IEICE Transactions on Communications, 2012, E95.B, 2455-2458.	0.7	0
45	Group Mobility Support Protocol for Mobile Sinks Based on Grid Clusters in Wireless Sensor Networks. , 2011, , .		1
46	Real-Time Routing Protocol Based on Expect Grids for Mobile Sinks in Wireless Sensor Networks. , 2011, , .		7
47	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
48	Geographic Multicast Protocol for Mobile Sinks in Wireless Sensor Networks. IEEE Communications Letters, 2011, 15, 1320-1322.	4.1	7
49	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
50	Reliability Support Protocol for Continuous Object Detection in Large-Scale Wireless Sensor Networks. , 2011, , .		0
51	X-geocasting: Data dissemination to mobile sink groups in wireless sensor networks. , 2011, , .		2
52	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
53	Quality-Based Event Reliability Protocol in Wireless Sensor Networks. IEICE Transactions on Communications, 2011, E94-B, 293-296.	0.7	0
54	On Selection of Energy-Efficient Data Aggregation Node in Wireless Sensor Networks. IEICE Transactions on Communications, 2010, E93-B, 2436-2439.	0.7	2

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55	An explicit disjoint multipath algorithm for Cost efficiency in wireless sensor networks. , 2010, , .		12
56	General Sink Location Service Based on Circle and Line Paths in Wireless Sensor Networks. , 2010, , .		2
57	OMLRP: Multi-Hop Information Based Real-Time Routing Protocol in Wireless Sensor Networks. , 2010, , .		15
58	Communication Scheme to Support Sink Mobility in Multi-hop Clustered Wireless Sensor Networks. , 2010, , .		18
59	Consecutive geographic multicasting protocol in large-scale wireless sensor networks. , 2010, , .		2
60	Novel strategy for data dissemination to mobile sink groups in wireless sensor networks. IEEE Communications Letters, 2010, 14, 202-204.	4.1	16
61	A simple location propagation scheme for mobile sink in wireless sensor networks. IEEE Communications Letters, 2010, 14, 321-323.	4.1	13
62	Sink Location Service Based on Circle and Line Paths in Wireless Sensor Networks. IEEE Communications Letters, 2010, 14, 710-712.	4.1	12
63	Mobile Geocasting to Support Mobile Sink Groups in Wireless Sensor Networks. IEEE Communications Letters, 2010, 14, 939-941.	4.1	29
64	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
65	Scalable and robust data dissemination for large-scale wireless sensor networks. IEEE Transactions on Consumer Electronics, 2010, 56, 1616-1624.	3.6	6
66	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
67	Dynamic Location Update Scheme for Mobile Sinks in Wireless Sensor Networks. , 2010, , .		1
68	Inter-Domain Roaming Mechanism Transparent to Mobile Nodes among PMIPv6 Networks. IEICE Transactions on Communications, 2010, E93-B, 1608-1611.	0.7	1
69	Hole modeling and detour scheme for geographic routing in wireless sensor networks. Journal of Communications and Networks, 2009, 11, 327-336.	2.6	5
70	Localized mechanism for continuous objects tracking and monitoring in wireless sensor networks. , 2009, , .		2
71	Information communication scheme for loosely coupled mobile users in wireless sensor fields with multiple sources. , 2009, , .		1
72	Communication Scheme Independent of Publishers and Subscribers for Large-Scale Sensor Applications. , 2009, , .		0

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73	Communication Scheme for Loosely Coupled Mobile User Groups in Wireless Sensor Fields. , 2009, , .		1
74	Local data collection in geographic routing for wireless sensor networks. , 2009, , .		2
75	Geographic routing based on on-demand neighbor position information in large-scale mobile sensor networks. , 2009, , .		2
76	A Data Dissemination Model Base on Content-Based Publish/Subscribe Paradigm in Large-Scale Wireless Sensor Networks. , 2009, , .		5
77	Information Communication Mechanism for Loosely Coupled Mobile User Groups in Wireless Sensor Fields. , 2009, , .		0
78	QSLS: Efficient Quorum Based Sink Location Service for Geographic Routing in Irregular Wireless Sensor Networks. IEICE Transactions on Communications, 2009, E92-B, 3935-3938.	0.7	4
79	Sink Location Service for Geographic Routing in Wireless Sensor Networks. , 2008, , .		20
80	A Data Dissemination Protocol Based on Multiple Virtual Grids in Wireless Sensor Network. , 2008, , .		0
81	Anchor Node Based Sink Location Dissemination Scheme for Geographic Routing. IEEE Vehicular Technology Conference, 2008, , .	0.4	3
82	Virtual Circle Based Geometric Modeling of Holes for Geographic Routing. , 2008, , .		2
83	Dynamic Rectangle Zone-Based Collaboration Mechanism for Tracking Continuous Objects in Wireless Sensor Networks. , 2008, , .		1
84	A Predictable Mobility-Based Data Dissemination Protocol for Wireless Sensor Networks. , 2008, , .		10
85	Energy-Efficient Mechanism for Mobility Guarantee used Location-Information in Wireless Sensor Networks. , 2008, , .		1
86	Communication Architecture to Support Multiple Mobile Users in Wireless Sensor Networks. , 2008, , .		0
87	A Tree Partition-Based Overlay Multicast in Mobile Ad Hoc Networks. , 2007, , .		1
88	A Communication Architecture for Supporting Mobile User in Wireless Sensor Networks. International Conference on Advanced Communication Technology, 2007, , .	0.0	0
89	A modeling for hole problem in wireless sensor networks. , 2007, , .		30
90	A Novel Mechanism to Support Mobility of Users in Wireless Sensor Networks Based on Multiple Static Sinks. , 2007, , .		7

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91	A Communication Architecture to Reflect User Mobility Issue in Wireless Sensor Fields. , 2007, , .		22
92	Continuous data dissemination protocol supporting mobile sinks with a sink location manager. , 2007, , .		7
93	IGAP: an Information GAthering Protocol for mobile user in infrastructureless area. International Conference on Advanced Communication Technology, 2007, , .	0.0	2
94	A Data Delivery Mechanism to Support Mobile Users in Wireless Sensor Networks. International Conference on Advanced Communication Technology, 2007, , .	0.0	4
95	An Edge Nodes Energy Efficient Hole Modeling in Wireless Sensor Networks. , 2007, , .		10
96	User mobility model and data dissemination scheme for wireless sensor networks. , 2007, , .		0
97	A Stability-Based Overlay Multicast for Mobile Ad Hoc Networks. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , .	0.0	2
98	A Novel Communication Architecture to Support Mobile Users in Wireless Sensor Fields. IEEE Vehicular Technology Conference, 2007, , .	0.4	1
99	A Energy efficient data-dissemination protocol with multiple virtual grid in wireless sensor network. , 2007, , .		2