

Konrad Iwanicki

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

172
citations

1478505

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1281871

11
g-index

24
all docs

24
docs citations

24
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	Proactive gossip-based management of semantic overlay networks. <i>Concurrency Computation Practice and Experience</i> , 2007, 19, 2299-2311.	2.2	32
2	A Distributed Systems Perspective on Industrial IoT. , 2018, , .		21
3	Multi-hop Cluster Hierarchy Maintenance in Wireless Sensor Networks: A Case for Gossip-Based Protocols. <i>Lecture Notes in Computer Science</i> , 2009, , 102-117.	1.3	16
4	Gossip-Based Self-Management of a Recursive Area Hierarchy for Large Wireless Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2010, 21, 562-576.	5.6	14
5	RNFD: Routing-Layer Detection of DODAG (Root) Node Failures in Low-Power Wireless Networks. , 2016, , .		10
6	NarrowCast: A New Link-Layer Primitive for Gossip-Based Sensor Network Protocols. <i>Lecture Notes in Computer Science</i> , 2014, , 1-16.	1.3	7
7	A case for hierarchical routing in low-power wireless embedded networks. <i>ACM Transactions on Sensor Networks</i> , 2012, 8, 1-34.	3.6	6
8	Revisiting Gossip-Based Ad-Hoc Routing. , 2012, , .		6
9	Gossiping over storage systems is practical. <i>Operating Systems Review (ACM)</i> , 2007, 41, 75-81.	1.9	5
10	On Decentralized In-network Aggregation in Real-World Scenarios with Crowd Mobility. , 2014, , .		5
11	An Experimental Platform for Quantified Crowd. , 2015, , .		4
12	Bringing Modern Unit Testing Techniques to Sensor Networks. <i>ACM Transactions on Sensor Networks</i> , 2015, 11, 1-41.	3.6	3
13	On Designing Provably Correct DODAG Formation Criteria for the IPv6 Routing Protocol for Low-Power and Lossy Networks (RPL). , 2018, , .		3
14	Efficient Automated Code Partitioning for Microcontrollers with Switchable Memory Banks. <i>Transactions on Embedded Computing Systems</i> , 2017, 16, 1-26.	2.9	2
15	30 Sensors to Mars: Toward Distributed Support Systems for Astronauts in Space Habitats. , 2019, , .		2
16	Towards a Versatile Problem Diagnosis Infrastructure for Large Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2007, , 845-855.	1.3	2
17	Experimentally studying the sensor network point-to-point routing techniques spectrum. , 2010, , .		1
18	Beyond replicated storage. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Decentralized Slicing in Mobile Low-Power Wireless Networks. , 2016, , .		1
20	Failure Handling in RPL Implementations: An Experimental Qualitative Study. Studies in Systems, Decision and Control, 2019, , 49-95.	1.0	1
21	1KT: A Low-Cost 1000-Node Low-Power Wireless IoT Testbed. , 2021, , .		1
22	PL-Gossip: Area Hierarchy Maintenance in Large-Scale Wireless Sensor Networks. , 2007, , .		0
23	Modeling and proving dynamic behaviors of a routing protocol: A tutorial. International Journal of Distributed Sensor Networks, 2021, 17, 155014772110586.	2.2	0