

Konrad Iwanicki

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	1KT: A Low-Cost 1000-Node Low-Power Wireless IoT Testbed. , 2021, , .		1
2	Modeling and proving dynamic behaviors of a routing protocol: A tutorial. International Journal of Distributed Sensor Networks, 2021, 17, 155014772110586.	2.2	0
3	30 Sensors to Mars: Toward Distributed Support Systems for Astronauts in Space Habitats. , 2019, , .		2
4	Failure Handling in RPL Implementations: An Experimental Qualitative Study. Studies in Systems, Decision and Control, 2019, , 49-95.	1.0	1
5	On Designing Provably Correct DODAG Formation Criteria for the IPv6 Routing Protocol for Low-Power and Lossy Networks (RPL). , 2018, , .		3
6	A Distributed Systems Perspective on Industrial IoT. , 2018, , .		21
7	Efficient Automated Code Partitioning for Microcontrollers with Switchable Memory Banks. Transactions on Embedded Computing Systems, 2017, 16, 1-26.	2.9	2
8	Decentralized Slicing in Mobile Low-Power Wireless Networks. , 2016, , .		1
9	RNFD: Routing-Layer Detection of DODAG (Root) Node Failures in Low-Power Wireless Networks. , 2016, , .		10
10	An Experimental Platform for Quantified Crowd. , 2015, , .		4
11	Bringing Modern Unit Testing Techniques to Sensornets. ACM Transactions on Sensor Networks, 2015, 11, 1-41.	3.6	3
12	Beyond replicated storage. , 2014, , .		1
13	On Decentralized In-network Aggregation in Real-World Scenarios with Crowd Mobility. , 2014, , .		5
14	NarrowCast: A New Link-Layer Primitive for Gossip-Based Sensornet Protocols. Lecture Notes in Computer Science, 2014, , 1-16.	1.3	7
15	A case for hierarchical routing in low-power wireless embedded networks. ACM Transactions on Sensor Networks, 2012, 8, 1-34.	3.6	6
16	Revisiting Gossip-Based Ad-Hoc Routing. , 2012, , .		6
17	Experimentally studying the sensornet point-to-point routing techniques spectrum. , 2010, , .		1
18	Gossip-Based Self-Management of a Recursive Area Hierarchy for Large Wireless SensorNets. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 562-576.	5.6	14

#	ARTICLE	IF	CITATIONS
19	Multi-hop Cluster Hierarchy Maintenance in Wireless Sensor Networks: A Case for Gossip-Based Protocols. Lecture Notes in Computer Science, 2009, , 102-117.	1.3	16
20	Gossiping over storage systems is practical. Operating Systems Review (ACM), 2007, 41, 75-81.	1.9	5
21	PL-Gossip: Area Hierarchy Maintenance in Large-Scale Wireless Sensor Networks. , 2007, , .		0
22	Proactive gossip-based management of semantic overlay networks. Concurrency Computation Practice and Experience, 2007, 19, 2299-2311.	2.2	32
23	Towards a Versatile Problem Diagnosis Infrastructure for Large Wireless Sensor Networks. Lecture Notes in Computer Science, 2007, , 845-855.	1.3	2