

Stepan Ivanov

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

309
citations

1307543

7
h-index

1281846

11
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21
all docs

21
docs citations

21
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic similarity of biological samples to counter bio-hacking of DNA-sequencing functionality. Scientific Reports, 2019, 9, 8684.	3.3	2
2	Leveraging Fog Analytics for Context-Aware Sensing in Cooperative Wireless Sensor Networks. ACM Transactions on Sensor Networks, 2019, 15, 1-35.	3.6	5
3	Opportunistic Wireless Networking for Smart Dairy Farming. IT Professional, 2017, 19, 16-23.	1.5	34
4	Towards Concurrent Data Transmission: Exploiting Plasmid Diversity by Bacterial Conjugation. IEEE Transactions on Nanobioscience, 2017, 16, 287-298.	3.3	17
5	Fog-enabled WSN system for animal behavior analysis in precision dairy. , 2017, , .		12
6	Cooperative in-network computation in energy harvesting device clouds. Sustainable Computing: Informatics and Systems, 2017, 16, 106-116.	2.2	10
7	Fog-centric localization for ambient assisted living. , 2017, , .		6
8	A fog computing approach for localization in WSN. , 2017, , .		10
9	Using Edge Analytics to Improve Data Collection in Precision Dairy Farming. , 2016, , .		12
10	Collaborative Edge Mining for predicting heat stress in dairy cattle. , 2016, , .		3
11	People-Centric Internet of Thingsâ€”Challenges, Approach, and Enabling Technologies. Studies in Computational Intelligence, 2016, , 463-474.	0.9	15
12	Internet of Nano Things for Dairy Farming. , 2015, , .		6
13	Personal Cloudlets: Implementing a User-centric Datastore with Privacy Aware Access Control for Cloud-Based Data Platforms. , 2015, , .		8
14	Precision Farming: Sensor Analytics. IEEE Intelligent Systems, 2015, 30, 76-80.	4.0	72
15	Privacy Aware Access Control for Cloud-Based Data Platforms. Communications in Computer and Information Science, 2015, , 26-37.	0.5	1
16	Joint delay and energy model for IEEE 802.11 networks. Wireless Networks, 2014, 20, 1121-1132.	3.0	1
17	Cooperative wireless sensor environments supporting body area networks. IEEE Transactions on Consumer Electronics, 2012, 58, 284-292.	3.6	38
18	Virtual Groups for Patient WBAN Monitoring in Medical Environments. IEEE Transactions on Biomedical Engineering, 2012, 59, 3238-3246.	4.2	49

#	ARTICLE	IF	CITATIONS
19	On delay distribution in IEEE 802.11 wireless networks. , 2011, , .		5
20	Joint throughput and packet loss probability analysis of IEEE 802.11 networks. , 2010, , .		1
21	Gradient Based Routing Support for Cooperative Multi-channel MAC in Ad Hoc Wireless Networks. , 2010, , .		2