

Sudhir K Routray

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

651
citations

1478280

6
h-index

1281743

11
g-index

53
all docs

53
docs citations

53
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	IoT based localization and tracking. , 2017, , .		58
2	Issues and challenges in healthcare narrowband IoT. , 2017, , .		56
3	Green initiatives in IoT. , 2017, , .		46
4	Quantum cryptography for IoT: APerspective. , 2017, , .		42
5	CE-Driven Trends in Global Communications: Strategic sectors for economic growth and development. IEEE Consumer Electronics Magazine, 2017, 6, 61-65.	2.3	34
6	Statistical Model for Link Lengths in Optical Transport Networks. Journal of Optical Communications and Networking, 2013, 5, 762.	3.3	31
7	Software defined IoT: Issues and challenges. , 2017, , .		31
8	An update on location based services: Current state and future prospects. , 2017, , .		31
9	Narrowband IoT for healthcare. , 2017, , .		30
10	The Changing Trends of Optical Communication. IEEE Potentials, 2014, 33, 28-33.	0.2	27
11	Satellite Based IoT for Mission Critical Applications. , 2019, , .		27
12	Military Applications of Satellite Based IoT. , 2020, , .		25
13	Software defined networking for 5G. , 2017, , .		20
14	Statistical Analysis and Modeling of Shortest Path Lengths in Optical Transport Networks. Journal of Lightwave Technology, 2015, 33, 2791-2801.	2.7	18
15	Green initiatives in 5G. , 2016, , .		16
16	Internet of Things Based Precision Agriculture for Developing Countries. , 2019, , .		15
17	Deployment of Narrowband Internet of Things. Advances in Civil and Industrial Engineering Book Series, 2019, , 63-79.	0.2	14
18	Narrowband IoT (NBloT) Assisted Smart Grids. , 2021, , .		13

#	ARTICLE	IF	CITATIONS
19	An Outlook of Narrowband IoT for Industry 4.0. , 2020, , .		12
20	Software defined networking for optical networks. , 2016, , .		11
21	4.5G: A milestone along the road to 5G. , 2016, , .		11
22	Measurement, Control and Monitoring in Smart Grids using NBloT. , 2021, , .		10
23	Estimating the parameters of optical transport networks from their circumferential ellipses. , 2014, , .		9
24	Estimation of Link-Dependent Parameters in Optical Transport Networks From Statistical Models. Journal of Optical Communications and Networking, 2014, 6, 601.	3.3	8
25	IoT and Immersive Technology based Smart Classrooms. , 2021, , .		7
26	Lossless Compression Techniques for Low Bandwidth lo Ts. , 2020, , .		6
27	An Overview of High Speed Streaming in 5G. , 2020, , .		5
28	Ant Colony based Dynamic source routing for VANET. , 2016, , .		4
29	Optical performance monitor placement in OTNs using link statistical model. , 2016, , .		4
30	The New Frontiers of 800G High Speed Optical Communications. , 2020, , .		4
31	Stalling speeds in core networks: Revisiting Keck's law. , 2016, , .		3
32	Narrowband Internet of Things. Advances in Information Quality and Management, 2021, , 913-923.	0.3	3
33	Narrowb and IoT (NBloT) for Smart Cities. , 2021, , .		3
34	IoT Assisted Power Electronics for Modern Power Systems. , 2021, , .		3
35	IoT-Based Microgrids for Rural Electrification. , 2021, , .		3
36	Statistical modeling for communication networks. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
37	Routing in dynamically changing node location scenarios: A reinforcement learning approach. , 2017, , .		2
38	Latching on to Keck's law: Maintaining the high speed trends in optical communication. , 2017, , .		1
39	A network science approach to estimate link-related network economics. , 2017, , .		1
40	Energy Consumption Aspects of 5G Waveforms. , 2018, , .		1
41	Estimation of Parameters of 5G Network Dimensioning. International Journal of Electronics Communications and Measurement Engineering, 2021, 10, 15-32.	0.2	1
42	Narrowband IoT for Internet of Everything. Advances in Wireless Technologies and Telecommunication Book Series, 2021, , 301-323.	0.3	1
43	Analysis of Statistical Pattern in Multi-hop Cellular Networks. Lecture Notes in Networks and Systems, 2018, , 437-443.	0.5	1
44	Statistical analysis and modeling of honeybee foraging networks for apiculture. , 2017, , .		0
45	Emergence of small world behaviors in optical transport networks. , 2017, , .		0
46	Emerging characteristics in wireless sensor networks: Statistical viewpoints. , 2017, , .		0
47	Deployment of Narrowband Internet of Things. , 2021, , 859-875.		0
48	Network Science for Communication Engineering. Advances in Information Quality and Management, 2021, , 939-949.	0.3	0
49	Quality of Service in Wireless Ad-Hoc Networks and New Trends. Advances in Wireless Technologies and Telecommunication Book Series, 2011, , 254-280.	0.3	0
50	Evolution of Personal Wireless Broadband Services from 3G to 4G. Advances in Wireless Technologies and Telecommunication Book Series, 0, , 1-19.	0.3	0