Anish Jindal

List of Publications by Year
in descending order

51 papers	2,082 citations	471509 17 h-index	477307 29 g-index
51 all docs	51 docs citations	51 times ranked	1964 citing authors

#	Article	IF	Citations
1	Adaptive Recovery Mechanism for SDN Controllers in Edge-Cloud Supported FinTech Applications. IEEE Internet of Things Journal, 2023, 10, 2112-2120.	8.7	18
2	A Privacy-Preserving Authentication Scheme for Real-Time Medical Monitoring Systems. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 2314-2322.	6.3	7
3	E2DA: Energy Efficient Data Aggregation and End-to-End Security in 3D Reconfigurable WSN. IEEE Transactions on Green Communications and Networking, 2022, 6, 787-798.	5.5	9
4	PACMAN: Privacy-Preserving Authentication Scheme for Managing Cybertwin-Based 6G Networking. IEEE Transactions on Industrial Informatics, 2022, 18, 4902-4911.	11.3	6
5	Network Graph Generation Through Adaptive Clustering and Infection Dynamics: A Step Toward Global Connectivity. IEEE Communications Letters, 2022, 26, 783-787.	4.1	4
6	A Blockchain-Based Authentication Scheme and Secure Architecture for IoT-Enabled Maritime Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, , 1-10.	8.0	6
7	Guest editorial: Smart computing for smart cities. IET Smart Cities, 2022, 4, 1-2.	3.1	0
8	CovaDel: a blockchain-enabled secure and QoS-aware drone delivery framework for COVID-like pandemics. Computing (Vienna/New York), 2022, 104, 1589-1613.	4.8	6
9	Secure and Intelligent Service Function Chain for Sustainable Services in Healthcare Cyber Physical Systems. IEEE Transactions on Network Science and Engineering, 2022, , 1-11.	6.4	1
10	A Decoupled Blockchain Approach for Edge-Envisioned IoT-Based Healthcare Monitoring. IEEE Journal on Selected Areas in Communications, 2021, 39, 491-499.	14.0	99
11	Resource management of <scp>IoT</scp> edge devices: Challenges, techniques, and solutions. Software - Practice and Experience, 2021, 51, 2357-2359.	3.6	7
12	Data-driven Energy Theft Detection in Modern Power Grids. , 2021, , .		2
13	Energy Theft in Smart Grids: A Survey on Data-Driven Attack Strategies and Detection Methods. IEEE Access, 2021, 9, 159291-159312.	4.2	10
14	Clustering-based Redundancy Minimization for Edge Computing in Future Core Networks. , 2021, , .		2
15	Aerial Base Station Assisted Cellular Communication: Performance and Trade-Off. IEEE Transactions on Network Science and Engineering, 2021, 8, 2765-2779.	6.4	5
16	A unified framework for big data acquisition, storage, and analytics for demand response management in smart cities. Future Generation Computer Systems, 2020, 108, 921-934.	7.5	42
17	Internet of energy-based demand response management scheme for smart homes and PHEVs using SVM. Future Generation Computer Systems, 2020, 108, 1058-1068.	7.5	33
18	A Heuristic-Based Appliance Scheduling Scheme for Smart Homes. IEEE Transactions on Industrial Informatics, 2020, 16, 3242-3255.	11.3	36

#	Article	IF	Citations
19	FESDA: Fog-Enabled Secure Data Aggregation in Smart Grid IoT Network. IEEE Internet of Things Journal, 2020, 7, 6132-6142.	8.7	81
20	GUARDIAN: Blockchain-Based Secure Demand Response Management in Smart Grid System. IEEE Transactions on Services Computing, 2020, 13, 613-624.	4.6	84
21	An Edge-Fog Computing Framework for Cloud of Things in Vehicle to Grid Environment. , 2020, , .		6
22	SCADA-agnostic Power Modelling for Distributed Renewable Energy Sources. , 2020, , .		4
23	Tackling Energy Theft in Smart Grids through Data-driven Analysis. , 2020, , .		16
24	Ukko: Resilient DRES management for Ancillary Services using 5G service orchestration. , 2020, , .		5
25	Blockchain-enabled secure communication for drone delivery. , 2020, , .		16
26	A flexible ICT architecture to support ancillary services in future electricity distribution networks: an accounting use case for DSOs. Energy Informatics, 2020, 3, .	2.3	2
27	DLRS: Deep Learning-Based Recommender System for Smart Healthcare Ecosystem. , 2019, , .		27
28	BEST: Blockchain-based secure energy trading in SDN-enabled intelligent transportation system. Computers and Security, 2019, 85, 288-299.	6.0	207
29	Communication Standards for Distributed Renewable Energy Sources Integration in Future Electricity Distribution Networks. , 2019, , .		9
30	SURVIVOR: A blockchain based edge-as-a-service framework for secure energy trading in SDN-enabled vehicle-to-grid environment. Computer Networks, 2019, 153, 36-48.	5.1	200
31	Identifying Security Challenges in Renewable Energy Systems. , 2019, , .		10
32	LSCSH: Lattice-Based Secure Cryptosystem for Smart Healthcare in Smart Cities Environment. IEEE Communications Magazine, 2018, 56, 24-32.	6.1	119
33	Providing Healthcare-as-a-Service Using Fuzzy Rule Based Big Data Analytics in Cloud Computing. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1605-1618.	6.3	62
34	A Heuristic-Based Smart HVAC Energy Management Scheme for University Buildings. IEEE Transactions on Industrial Informatics, 2018, 14, 5074-5086.	11.3	44
35	Consumption-Aware Data Analytical Demand Response Scheme for Peak Load Reduction in Smart Grid. IEEE Transactions on Industrial Electronics, 2018, 65, 8993-9004.	7.9	85
36	LEASE: Lattice and ECC-Based Authentication and Integrity Verification Scheme in E-Healthcare. , 2018, , .		3

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37	RoVAN: A Rough Set-based Scheme for Cluster Head Selection in Vehicular Ad-hoc Networks. , 2018, , .		14
38	DRUMS: Demand Response Management in a Smart City Using Deep Learning and SVR. , 2018, , .		25
39	SLOPE: A Self Learning Optimization and Prediction Ensembler for Task Scheduling. , 2018, , .		1
40	SeDaTiVe: SDN-Enabled Deep Learning Architecture for Network Traffic Control in Vehicular Cyber-Physical Systems. IEEE Network, 2018, 32, 66-73.	6.9	116
41	An Obstacle Detection Method for Visually Impaired Persons by Ground Plane Removal Using Speeded-Up Robust Features and Gray Level Co-Occurrence Matrix. Pattern Recognition and Image Analysis, 2018, 28, 288-300.	1.0	15
42	EnergyChain. , 2018, , .		62
43	Sustainable Smart Energy Cyber-Physical System: Can Electric Vehicles Suffice Its Needs?. , 2018, , .		5
44	EVaaS: Electric vehicle-as-a-service for energy trading in SDN-enabled smart transportation system. Computer Networks, 2018, 143, 247-262.	5.1	59
45	An efficient fuzzy rule-based big data analytics scheme for providing healthcare-as-a-service. , 2017, , .		13
46	SDN-Based Data Center Energy Management System Using RES and Electric Vehicles. , 2016, , .		25
47	A data analytical approach using support vector machine for demand response management in smart grid. , 2016, , .		13
48	Decision Tree and SVM-Based Data Analytics for Theft Detection in Smart Grid. IEEE Transactions on Industrial Informatics, 2016, 12, 1005-1016.	11.3	365
49	A novel smart meter for better control over devices including electric vehicles and to enable smart use of power in smart home. , 2015, , .		2
50	Providing healthcare services on-the-fly using multi-player cooperation game theory in Internet of Vehicles (IoV) environment. Digital Communications and Networks, 2015, 1, 191-203.	5.0	42
51	A Novel Resource Reservation Scheme for Mobile PHEVs in V2G Environment Using Game Theoretical Approach. IEEE Transactions on Vehicular Technology, 2015, 64, 5653-5666.	6.3	52