

# Anish Jindal

## List of Publications by Year in descending order

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51  
papers

2,082  
citations

471371

17  
h-index

477173

29  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1964  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decision Tree and SVM-Based Data Analytics for Theft Detection in Smart Grid. IEEE Transactions on Industrial Informatics, 2016, 12, 1005-1016.	7.2	365
2	BEST: Blockchain-based secure energy trading in SDN-enabled intelligent transportation system. Computers and Security, 2019, 85, 288-299.	4.0	207
3	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.	3.2	200
4	LSCSH: Lattice-Based Secure Cryptosystem for Smart Healthcare in Smart Cities Environment. IEEE Communications Magazine, 2018, 56, 24-32.	4.9	119
5	SeDaTiVe: SDN-Enabled Deep Learning Architecture for Network Traffic Control in Vehicular Cyber-Physical Systems. IEEE Network, 2018, 32, 66-73.	4.9	116
6	A Decoupled Blockchain Approach for Edge-Envisioned IoT-Based Healthcare Monitoring. IEEE Journal on Selected Areas in Communications, 2021, 39, 491-499.	9.7	99
7	Consumption-Aware Data Analytical Demand Response Scheme for Peak Load Reduction in Smart Grid. IEEE Transactions on Industrial Electronics, 2018, 65, 8993-9004.	5.2	85
8	GUARDIAN: Blockchain-Based Secure Demand Response Management in Smart Grid System. IEEE Transactions on Services Computing, 2020, 13, 613-624.	3.2	84
9	FESDA: Fog-Enabled Secure Data Aggregation in Smart Grid IoT Network. IEEE Internet of Things Journal, 2020, 7, 6132-6142.	5.5	81
10	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.	3.9	62
11	EnergyChain. , 2018, , .		62
12	EVaaS: Electric vehicle-as-a-service for energy trading in SDN-enabled smart transportation system. Computer Networks, 2018, 143, 247-262.	3.2	59
13	A Novel Resource Reservation Scheme for Mobile PHEVs in V2G Environment Using Game Theoretical Approach. IEEE Transactions on Vehicular Technology, 2015, 64, 5653-5666.	3.9	52
14	A Heuristic-Based Smart HVAC Energy Management Scheme for University Buildings. IEEE Transactions on Industrial Informatics, 2018, 14, 5074-5086.	7.2	44
15	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.	2.7	42
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.	4.9	42
17	A Heuristic-Based Appliance Scheduling Scheme for Smart Homes. IEEE Transactions on Industrial Informatics, 2020, 16, 3242-3255.	7.2	36
18	Internet of energy-based demand response management scheme for smart homes and PHEVs using SVM. Future Generation Computer Systems, 2020, 108, 1058-1068.	4.9	33

#	ARTICLE	IF	CITATIONS
19	DLRS: Deep Learning-Based Recommender System for Smart Healthcare Ecosystem. , 2019, , .		27
20	SDN-Based Data Center Energy Management System Using RES and Electric Vehicles. , 2016, , .		25
21	DRUMS: Demand Response Management in a Smart City Using Deep Learning and SVR. , 2018, , .		25
22	Adaptive Recovery Mechanism for SDN Controllers in Edge-Cloud Supported FinTech Applications. IEEE Internet of Things Journal, 2023, 10, 2112-2120.	5.5	18
23	Tackling Energy Theft in Smart Grids through Data-driven Analysis. , 2020, , .		16
24	Blockchain-enabled secure communication for drone delivery. , 2020, , .		16
25	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.	0.6	15
26	RoVAN: A Rough Set-based Scheme for Cluster Head Selection in Vehicular Ad-hoc Networks. , 2018, , .		14
27	A data analytical approach using support vector machine for demand response management in smart grid. , 2016, , .		13
28	An efficient fuzzy rule-based big data analytics scheme for providing healthcare-as-a-service. , 2017, , .		13
29	Identifying Security Challenges in Renewable Energy Systems. , 2019, , .		10
30	Energy Theft in Smart Grids: A Survey on Data-Driven Attack Strategies and Detection Methods. IEEE Access, 2021, 9, 159291-159312.	2.6	10
31	Communication Standards for Distributed Renewable Energy Sources Integration in Future Electricity Distribution Networks. , 2019, , .		9
32	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.	3.5	9
33	Resource management of <scp>IoT</scp> edge devices: Challenges, techniques, and solutions. Software - Practice and Experience, 2021, 51, 2357-2359.	2.5	7
34	A Privacy-Preserving Authentication Scheme for Real-Time Medical Monitoring Systems. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 2314-2322.	3.9	7
35	An Edge-Fog Computing Framework for Cloud of Things in Vehicle to Grid Environment. , 2020, , .		6
36	PACMAN: Privacy-Preserving Authentication Scheme for Managing Cybertwin-Based 6G Networking. IEEE Transactions on Industrial Informatics, 2022, 18, 4902-4911.	7.2	6

#	ARTICLE	IF	CITATIONS
37	A Blockchain-Based Authentication Scheme and Secure Architecture for IoT-Enabled Maritime Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, , 1-10.	4.7	6
38	CovaDel: a blockchain-enabled secure and QoS-aware drone delivery framework for COVID-like pandemics. Computing (Vienna/New York), 2022, 104, 1589-1613.	3.2	6
39	Sustainable Smart Energy Cyber-Physical System: Can Electric Vehicles Suffice Its Needs?. , 2018, , .		5
40	Ukko: Resilient DRES management for Ancillary Services using 5G service orchestration. , 2020, , .		5
41	Aerial Base Station Assisted Cellular Communication: Performance and Trade-Off. IEEE Transactions on Network Science and Engineering, 2021, 8, 2765-2779.	4.1	5
42	SCADA-agnostic Power Modelling for Distributed Renewable Energy Sources. , 2020, , .		4
43	Network Graph Generation Through Adaptive Clustering and Infection Dynamics: A Step Toward Global Connectivity. IEEE Communications Letters, 2022, 26, 783-787.	2.5	4
44	LEASE: Lattice and ECC-Based Authentication and Integrity Verification Scheme in E-Healthcare. , 2018, , .		3
45	A novel smart meter for better control over devices including electric vehicles and to enable smart use of power in smart home. , 2015, , .		2
46	Data-driven Energy Theft Detection in Modern Power Grids. , 2021, , .		2
47	A flexible ICT architecture to support ancillary services in future electricity distribution networks: an accounting use case for DSOs. Energy Informatics, 2020, 3, .	1.4	2
48	Clustering-based Redundancy Minimization for Edge Computing in Future Core Networks. , 2021, , .		2
49	SLOPE: A Self Learning Optimization and Prediction Ensembler for Task Scheduling. , 2018, , .		1
50	Secure and Intelligent Service Function Chain for Sustainable Services in Healthcare Cyber Physical Systems. IEEE Transactions on Network Science and Engineering, 2022, , 1-11.	4.1	1
51	Guest editorial: Smart computing for smart cities. IET Smart Cities, 2022, 4, 1-2.	1.6	0