Naveed Ul Hassan

List of Publications by Year
in descending order

50	1,791	430874	454955
papers	citations	18	30
		h-index	g-index

50	50	50	2390
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Blockchain and 6G: The Future of Secure and Ubiquitous Communication. IEEE Wireless Communications, 2022, 29, 194-201.	9.0	38
2	Towards Small AoI and Low Latency via Operator Content Platform: A Contract Theory-Based Pricing. IEEE Transactions on Communications, 2022, 70, 366-378.	7.8	8
3	Revenue Maximization Through Cell Switching and Spectrum Leasing in 5G HetNets. IEEE Access, 2022, 10, 48301-48317.	4.2	2
4	Have We Solved Edge Detection? A Review of State-of-the-Art Datasets and DNN Based Techniques. IEEE Access, 2022, 10, 70541-70552.	4.2	2
5	Age of Information Aware Content Resale Mechanism With Edge Caching. IEEE Transactions on Communications, 2021, 69, 5269-5282.	7.8	12
6	A Guide for RIS Fabrication for Quick Prototyping in Lab Settings Using Low Cost Fabrication Techniques. , 2021, , .		1
7	Streaming Delay-, Expenditure- and Quality-Balanced Video Over TV White Space. IEEE Transactions on Vehicular Technology, 2020, 69, 4042-4057.	6.3	0
8	Design of Solar-Wind Hybrid Power System by using Solar-Wind Complementarity. , 2020, , .		4
9	Determination of consumer behavior based energy wastage using IoT and machine learning. Energy and Buildings, 2020, 220, 110060.	6.7	13
10	Smart Distribution Boards (Smart DB), Non-Intrusive Load Monitoring (NILM) for Load Device Appliance Signature Identification and Smart Sockets for Grid Demand Management. Sensors, 2020, 20, 2900.	3.8	8
11	Green Communications in Smart Cities. Electronics (Switzerland), 2019, 8, 773.	3.1	2
12	Data Driven Model for Performance Evaluation and Anomaly Detection in Integrated Air Source Heat Pump Operation. , 2019, , .		3
13	An Ontology-Based Framework for Building Energy Management with IoT. Electronics (Switzerland), 2019, 8, 485.	3.1	20
14	Grid Load Reduction through Optimized PV Power Utilization in Intermittent Grids Using a Low-Cost Hardware Platform. Energies, 2019, 12, 1764.	3.1	20
15	Spectrum Cost Optimization for Cognitive Radio Transmission over TV White Spaces using Artificial Neural Networks. , 2019, , .		1
16	Blockchain Technologies for Smart Energy Systems: Fundamentals, Challenges, and Solutions. IEEE Industrial Electronics Magazine, 2019, 13, 106-118.	2.6	107
17	Hybrid Iterative Algorithm for Non-Intrusive Load Disaggregation. , 2018, , .		3
18	Electric Vehicle Charging Station Placement for Urban Public Bus Systems. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 128-139.	8.0	132

#	Article	IF	Citations
19	Exploiting QoS flexibility for smart grid and IoT applications using TV white spaces. , 2017, , .		8
20	Managing energy consumption in buildings through offline and online control of HVAC systems. , 2016, , .		7
21	Optimal operation of energy storage with random renewable generation and AC/DC loads. , 2016, , .		1
22	Energy management by controlling air conditioning systems in residential settings. , 2016, , .		4
23	Management of Renewable Energy for a Shared Facility Controller in Smart Grid. IEEE Access, 2016, 4, 4269-4281.	4.2	19
24	Optimal Operation of Energy Storage with Random Renewable Generation and AC/DC Loads. IEEE Transactions on Smart Grid, 2016, , 1-1.	9.0	15
25	Joint Power Control and Rate Adaptation for Video Streaming in Wireless Networks With Time-Varying Interference. IEEE Transactions on Vehicular Technology, 2016, 65, 6315-6329.	6.3	18
26	Energy Efficiency Tradeoff Mechanism Towards Wireless Green Communication: A Survey. IEEE Communications Surveys and Tutorials, 2016, 18, 686-705.	39.4	166
27	Framework for minimum user participation rate determination to achieve specific demand response management objectives in residential smart grids. International Journal of Electrical Power and Energy Systems, 2016, 74, 91-103.	5.5	31
28	Cost-aware demand scheduling for delay tolerant applications. Journal of Network and Computer Applications, 2015, 53, 173-182.	9.1	10
29	Multi-tier incentive scheme for residential customer participation in demand response management programs. , 2015, , .		2
30	Indoor Positioning Using Visible LED Lights. ACM Computing Surveys, 2015, 48, 1-32.	23.0	156
31	Demand Response Management for Residential Smart Grid: From Theory to Practice. IEEE Access, 2015, 3, 2431-2440.	4.2	81
32	LED-based Visible Light Communication System for Low Data Rate Point-and-Grab Applications. , 2015, , .		4
33	Understanding Customer Behavior in Multi-Tier Demand Response Management Program. IEEE Access, 2015, 3, 2613-2625.	4.2	89
34	A Survey on Radio Resource Allocation in Cognitive Radio Sensor Networks. IEEE Communications Surveys and Tutorials, 2015, 17, 888-917.	39.4	224
35	Customer Engagement Plans for Peak Load Reduction in Residential Smart Grids. IEEE Transactions on Smart Grid, 2015, 6, 3029-3041.	9.0	74
36	Migration-aware virtual machine placement for cloud data centers. , 2015, , .		6

#	ARTICLE	IF	CITATIONS
37	Electricity Cost Minimization for a Microgrid With Distributed Energy Resource Under Different Information Availability. IEEE Transactions on Industrial Electronics, 2015, 62, 2571-2583.	7.9	126
38	Power Control for Sum-Rate Maximization on Interference Channels Under Sum Power Constraint. IEEE Transactions on Vehicular Technology, 2015, 64, 593-609.	6.3	67
39	Downlink beamforming and resource allocation in multicell MISO-OFDMA systems. Transactions on Emerging Telecommunications Technologies, 2014, 25, 173-182.	3.9	4
40	Peak-to-Average Ratio Constrained Demand-Side Management With Consumer's Preference in Residential Smart Grid. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 1084-1097.	10.8	179
41	Demand shaping to achieve steady electricity consumption with load balancing in a smart grid. , 2013, , .		13
42	Electricity cost minimization for a residential smart Grid with distributed generation and bidirectional power transactions. , 2013, , .		10
43	Impact of Scheduling Flexibility on Demand Profile Flatness and User Inconvenience in Residential Smart Grid System. Energies, 2013, 6, 6608-6635.	3.1	52
44	Optimal power control between two opportunistic cooperative base stations. , 2012, , .		6
45	Resource optimization to achieve hard delay constraints in OFDMA systems. , 2012, , .		0
46	Optimal power control and antenna selection for Multi-User Distributed Antenna System with heterogeneous QoS constraints. , 2012, , .		9
47	QoS improvement strategies for macrocell edge users using femtocells. , 2012, , .		0
48	Adaptive Resource Allocation with Strict Delay Constraints in OFDMA System. Eurasip Journal on Wireless Communications and Networking, 2010, 2010, .	2.4	2
49	Optimal Downlink Beamforming and resource allocation in MIMO-OFDMA systems. , 2010, , .		3
50	Low complexity margin adaptive resource allocation in downlink MIMO-OFDMA system. IEEE Transactions on Wireless Communications, 2009, 8, 3365-3371.	9.2	29