

Sajjad Hussain

List of Publications by Year in descending order

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17
papers

248
citations

933447

10
h-index

940533

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g-index

17
all docs

17
docs citations

17
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Fabrication of Wideband Dual-Polarized Dipole Array for 5G Wireless Systems. IEEE Access, 2020, 8, 65155-65163.	4.2	34
2	An Efficient Energy Management in Office Using Bio-Inspired Energy Optimization Algorithms. Processes, 2019, 7, 142.	2.8	31
3	Time-Constrained Nature-Inspired Optimization Algorithms for an Efficient Energy Management System in Smart Homes and Buildings. Applied Sciences (Switzerland), 2019, 9, 792.	2.5	28
4	Cyclic fatigue characteristics of rock failure using infrared radiation as precursor to violent failure: Experimental insights from loading and unloading response. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 584-594.	3.4	24
5	Suitability of NB-IoT for Indoor Industrial Environment: A Survey and Insights. Sensors, 2021, 21, 5284.	3.8	21
6	Developing a New Bursting Liability Index Based on Energy Evolution for Coal under Different Loading Rates. Sustainability, 2022, 14, 1572.	3.2	20
7	Mobility Prediction-Based Optimisation and Encryption of Passenger Traffic-Flows Using Machine Learning. Sensors, 2020, 20, 2629.	3.8	14
8	Numerical Modeling for Engineering Analysis and Designing of Optimum Support Systems for Headrace Tunnel. Advances in Civil Engineering, 2018, 2018, 1-10.	0.7	13
9	A Low-Profile, Wide-Scan, Cylindrically Conformal X -Band Phased Array. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1503-1507.	4.0	13
10	Mobility Management-Based Autonomous Energy-Aware Framework Using Machine Learning Approach in Dense Mobile Networks. Signals, 2020, 1, 170-187.	1.9	10
11	A Systematic Review of Project Allocation Methods in Undergraduate Transnational Engineering Education. Education Sciences, 2019, 9, 258.	2.6	8
12	Analysis of Mudstone Fracture and Precursory Characteristics after Corrosion of Acidic Solution Based on Dissipative Strain Energy. Sustainability, 2021, 13, 4478.	3.2	8
13	Numerical modeling for the engineering analysis of rock mass behaviour due to sequential enlargement of Lowari tunnel Chitral Khyber Pakhtunkhwa, Pakistan. International Journal of Geotechnical Engineering, 0, , 1-7.	2.0	7
14	Employing Industrial Quality Management Systems for Quality Assurance in Outcome-Based Engineering Education: A Review. Education Sciences, 2021, 11, 45.	2.6	6
15	Impact of Inter-Gateway Distance on LoRaWAN Performance. Electronics (Switzerland), 2021, 10, 2197.	3.1	5
16	Current Sheet Antenna Array and 5G: Challenges, Recent Trends, Developments, and Future Directions. Sensors, 2022, 22, 3329.	3.8	4
17	A meta-surface loaded, low profile 28 GHz phased array antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, e22950.	1.2	2