

# Adnan Yousaf

## List of Publications by Year in descending order

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28  
papers

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citations

1040056

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1125743

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docs citations

28  
times ranked

291  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Wireless Powering of Biomedical Sensor Systems for Multichannel Brain Implants. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 754-764.	4.7	54
2	Exploiting pretrained CNN models for the development of an EEG-based robust BCI framework. Computers in Biology and Medicine, 2022, 143, 105242.	7.0	35
3	High-Resolution, Far-Field, and Passive Temperature Sensing up to 700 Å°C Using an Isolated ZST Microwave Dielectric Resonator. IEEE Sensors Journal, 2016, 16, 715-722.	4.7	32
4	An Improved Residential Electricity Load Forecasting Using a Machine-Learning-Based Feature Selection Approach and a Proposed Integration Strategy. Sustainability, 2021, 13, 6199.	3.2	26
5	A Novel Machine Learning-Based Price Forecasting for Energy Management Systems. Sustainability, 2021, 13, 12693.	3.2	18
6	A novel computer-aided diagnosis framework for EEG-based identification of neural diseases. Computers in Biology and Medicine, 2021, 138, 104922.	7.0	16
7	Performance Comparison of Various LEACH Protocols in Wireless Sensor Networks. , 2019, , .		14
8	Efficient Wireless Power Transfer With Capacitively Segmented RF Coils. IEEE Access, 2020, 8, 24397-24415.	4.2	13
9	Recognition of Ziziphus lotus through Aerial Imaging and Deep Transfer Learning Approach. Mobile Information Systems, 2021, 2021, 1-10.	0.6	12
10	Implementation of ANN-Based Embedded Hybrid Power Filter Using HIL-Topology with Real-Time Data Visualization through Node-RED. Energies, 2021, 14, 7127.	3.1	9
11	Overview of Implementing Microgrid, Its Policies, Incentives and Challenges in Pakistan. , 2019, , .		8
12	Very High Bit Rate Near-Field Communication with Low-Interference Coils and Digital Single-Bit Sampling Transceivers for Biomedical Sensor Systems. Sensors, 2020, 20, 6025.	3.8	8
13	Design and Optimization of Microwave Sensor for the Non-Contact Measurement of Pure Dielectric Materials. Electronics (Switzerland), 2021, 10, 3057.	3.1	8
14	Simultaneous Power Feedback and Maximum Efficiency Point Tracking for Miniaturized RF Wireless Power Transfer Systems. Sensors, 2021, 21, 2023.	3.8	7
15	Deployment of smart grid on narrowband power line communication using OFDMA. , 2018, , .		6
16	Application of Blockchain in Green Energy for Sustainable Future. , 2021, , .		6
17	Performance Analysis of Mars-Powered Descent-Based Landing in a Constrained Optimization Control Framework. Energies, 2021, 14, 8493.	3.1	6
18	Efficient inductive powering of brain implanted sensors. , 2015, , .		5

#	ARTICLE	IF	CITATIONS
19	Feasibility evaluation of stand-alone photovoltaic systems for residential loads. , 2018, , .		4
20	Characterization of dielectric resonator as a passive mechanical sensing element. , 2012, , .		3
21	Motion capture sensor to monitor movement patterns in animal models of disease. , 2015, , .		3
22	Design and Simulation of Power Electronic Controller for Grid Connected PV Array with maximum power point tracking (MPPT). , 2017, , .		3
23	Designing and simulation of load control & monitoring system through Demand Side Management technique. , 2017, , .		2
24	Hybrid System of Geothermal Power Generation Using Abandoned Oil/Gas Bores Assisted by the Power of Solar Plates. , 2019, , .		2
25	Theoretical approach to setup a multi-antenna system for brain implants. , 2014, , .		1
26	Textural and Intensity Feature Based Retinal Vessels Classification for the Identification of Hypertensive Retinopathy. , 2018, , .		1
27	Designing of LLCL Filter for Mitigation of Harmonics in Smart Grid Applications and its Implementation on Sapphire Textile Industry Unit-3. , 2020, , .		1
28	Multi-resonator System for Contactless Measurement of Relative Distances. Procedia Engineering, 2015, 120, 180-184.	1.2	0