

# Adeel Javed

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

317  
citations

840585

11  
h-index

887953

17  
g-index

31  
all docs

31  
docs citations

31  
times ranked

310  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic study of dry reforming of methane using hybrid DBD plasma reactor over La <sub>2</sub> O <sub>3</sub> co-supported Ni/MgAl <sub>2</sub> O <sub>4</sub> catalyst. International Journal of Hydrogen Energy, 2020, 45, 12256-12271.	3.8	42
2	Choosing an appropriate timber for a small wind turbine blade: A comparative study. Renewable and Sustainable Energy Reviews, 2019, 100, 1-8.	8.2	32
3	Optimization of a Centrifugal Compressor Impeller for Robustness to Manufacturing Uncertainties. Journal of Engineering for Gas Turbines and Power, 2016, 138, .	0.5	25
4	Small-scale turbocompressors for wide-range operation with large tip-clearances for a two-stage heat pump concept. International Journal of Refrigeration, 2016, 69, 285-302.	1.8	23
5	Partial repowering analysis of a wind farm by turbine hub height variation to mitigate neighboring wind farm wake interference using mesoscale simulations. Applied Energy, 2020, 268, 115050.	5.1	22
6	Thermal dry reforming of methane over La <sub>2</sub> O <sub>3</sub> co-supported Ni/MgAl <sub>2</sub> O <sub>4</sub> catalyst for hydrogen-rich syngas production. Research on Chemical Intermediates, 2020, 46, 3817-3833.	1.3	22
7	Computational evaluation of an optimum leading-edge slat deflection angle for dynamic stall control in a novel urban-scale vertical axis wind turbine for low wind speed operation. Sustainable Energy Technologies and Assessments, 2020, 40, 100748.	1.7	20
8	Effect of Different Activation Processes on CaO/Fly Ash Mixture for CO <sub>2</sub> Capture. Energy & Fuels, 2020, 34, 2035-2044.	2.5	19
9	Optimization of a wind farm by coupled actuator disk and mesoscale models to mitigate neighboring wind farm wake interference from repowering perspective. Applied Energy, 2021, 298, 117229.	5.1	16
10	Multiparametric optimization of a reheated organic Rankine cycle for waste heat recovery based repowering of a degraded combined cycle gas turbine power plant. Energy Conversion and Management, 2022, 254, 115237.	4.4	16
11	Effect of vortices on power output of vertical axis wind turbine (VAWT). Sustainable Energy Technologies and Assessments, 2020, 37, 100586.	1.7	15
12	Impact Analysis of Large-Scale Wind Farms Integration in Weak Transmission Grid from Technical Perspectives. Energies, 2020, 13, 5513.	1.6	11
13	Techno-economic evaluation of a solar PV integrated refrigeration system for a cold storage facility. Sustainable Energy Technologies and Assessments, 2021, 44, 101063.	1.7	8
14	Multiparametric optimization for reduced condenser cooling water consumption in a degraded combined cycle gas turbine power plant from a water-energy nexus perspective. Applied Energy, 2021, 304, 117764.	5.1	7
15	Effect of Modified Flow Schemes of Heat Transfer Fluid on the Performance of a Solar Absorption-Cooling System for an Educational Building in Pakistan. Applied Sciences (Switzerland), 2020, 10, 3327.	1.3	6
16	Thermal Performance Evaluation of Circular-Stadium Double Pipe Thermal Energy Storage Systems. Journal of Energy Storage, 2021, 36, 102403.	3.9	6
17	Wind speed and power forecasting of a utility-scale wind farm with inter-farm wake interference and seasonal variation. Sustainable Energy Technologies and Assessments, 2020, 42, 100882.	1.7	5
18	Effect of tower elasticity on the performance and fatigue character of monopile support tower for tidal current turbine. Applied Ocean Research, 2021, 106, 102446.	1.8	4

#	ARTICLE	IF	CITATIONS
19	Micro Gas Turbine Small-Scale Effects in Range Extended Electric Vehicles. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	1.4	4
20	Modification of Standard K-e Turbulence Model for Analysis and Design Refinement of Fuel Ejector Pump. , 2007, , .		3
21	Forecasting of Wind Resources Using the Weather Research and Forecasting Software. , 2021, , .		3
22	Performance enhancement of single-phase induction motor using GA based multi-objective Optimisation. International Journal of Electronics, 0, , 1-20.	0.9	2
23	Aerodynamic Analysis of a Micro Turbine Centrifugal Compressor. , 2010, , .		1
24	Effects of Manufacturing Noise on Microturbine Centrifugal Impeller Performance. , 2012, , .		1
25	Performance Variation of Transonic Centrifugal Compressor at Different Tip Clearances Using Numerical Simulations. , 2019, , .		1
26	Numerical Analysis of Flow Phenomena in a Centrifugal Pump Impeller of Low Specific Speed. , 2020, , .		1
27	Numerical investigation of non-uniform flow in twin-silo combustors and impact on axial turbine stage performance. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 0, , 095765092199394.	0.8	1
28	Novel Cycles Deployment Study for a Silent Aircraft. , 2008, , .		1
29	Technical and Financial Analysis for a 50MW Wind Farm in Pasni, Balochistan. , 2018, , .		0
30	Design and CFD Analysis of Bladeless Ceiling Fan. , 2021, , .		0
31	Techno-economic modeling of biomass gasification plants for small industries in Pakistan. Biomass Conversion and Biorefinery, 0, , 1.	2.9	0