

Abdul Waheed Bhutto

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

1,652
citations

19
h-index

39
g-index

39
ext. papers

2,003
ext. citations

7.6
avg, IF

4.88
L-index

#	Paper	IF	Citations
37	Wind speed pattern data and wind energy potential in Pakistan: current status, challenging platforms and innovative prospects. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 34051-34073	5.1	1
36	Thermal degradation kinetics of morpholine for carbon dioxide capture. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103814	6.8	7
35	Promoting sustainability of use of biomass as energy resource: Pakistan's perspective. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 29606-29619	5.1	9
34	Extractive desulfurization of gasoline using binary solvent of bronsted-based ionic liquids and non-volatile organic compound. <i>Chemical Papers</i> , 2019 , 73, 2757-2765	1.9	3
33	Fabrication of advance magnetic carbon nano-materials and their potential applications: A review. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 102812	6.8	43
32	Solvothermal Liquefaction of Corn Stalk: Physico-Chemical Properties of Bio-oil and Biochar. <i>Waste and Biomass Valorization</i> , 2019 , 10, 1957-1968	3.2	15
31	Citronellal cyclisation over heteropoly acid supported on modified montmorillonite catalyst: effects of acidity and pore structure on catalytic activity. <i>Research on Chemical Intermediates</i> , 2018 , 44, 2405-2423	2.8	16
30	Synthesis of magnetic carbon nanocomposites by hydrothermal carbonization and pyrolysis. <i>Environmental Chemistry Letters</i> , 2018 , 16, 821-844	13.3	48
29	An overview of microwave hydrothermal carbonization and microwave pyrolysis of biomass. <i>Reviews in Environmental Science and Biotechnology</i> , 2018 , 17, 813-837	13.9	43
28	Insight into progress in pre-treatment of lignocellulosic biomass. <i>Energy</i> , 2017 , 122, 724-745	7.9	176
27	An overview of effect of process parameters on hydrothermal carbonization of biomass. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 73, 1289-1299	16.2	224
26	Forecasting the consumption of gasoline in transport sector in pakistan based on ARIMA model. <i>Environmental Progress and Sustainable Energy</i> , 2017 , 36, 1490-1497	2.5	8
25	Parametric study of pyrolysis and steam gasification of rice straw in presence of K ₂ CO ₃ . <i>Korean Journal of Chemical Engineering</i> , 2016 , 33, 2567-2574	2.8	10
24	Hydrodynamics study of the modified rotating disc contactor for CO ₂ absorption from natural gas using emulsion liquid membrane. <i>Chemical Engineering Research and Design</i> , 2016 , 111, 465-478	5.5	2
23	Students' Responses to Improve Environmental Sustainability Through Recycling: Quantitatively Improving Qualitative Model. <i>Applied Research in Quality of Life</i> , 2016 , 11, 253-270	2.3	23
22	Progress in the production of biomass-to-liquid biofuels to decarbonize the transport sector: prospects and challenges. <i>RSC Advances</i> , 2016 , 6, 32140-32170	3.7	42
21	Oxidative desulfurization of fuel oils using ionic liquids: A review. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 62, 84-97	5.3	117

20	Desulphurization of Fuel Oils Using Ionic Liquids. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2016 , 254-284	0.2	3
19	N-methyl-2-pyrrolidonium-based Brønsted-Lewis acidic ionic liquids as catalysts for the hydrolysis of cellulose. <i>Science China Chemistry</i> , 2016 , 59, 564-570	7.9	14
18	Parametric study of co-gasification of ternary blends of rice straw, polyethylene and polyvinylchloride. <i>Clean Technologies and Environmental Policy</i> , 2016 , 18, 1031-1042	4.3	18
17	Extractive denitrogenation of fuel oils using ionic liquids: a review. <i>RSC Advances</i> , 2016 , 6, 93932-93946	3.7	38
16	Innovative method to prepare a stable emulsion liquid membrane for high CO ₂ absorption and its performance evaluation for a natural gas feed in a rotating disk contactor. <i>Journal of Natural Gas Science and Engineering</i> , 2016 , 34, 716-732	4.6	6
15	Perspectives for the production of ethanol from lignocellulosic feedstock: A case study. <i>Journal of Cleaner Production</i> , 2015 , 95, 184-193	10.3	34
14	Hydrothermal carbonization of oil palm shell. <i>Korean Journal of Chemical Engineering</i> , 2015 , 32, 1789-1797	2.8	56
13	Greener energy: Issues and challenges for Pakistan-geothermal energy prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 31, 258-269	16.2	31
12	Strategies for the consolidation of biologically mediated events in the conversion of pre-treated lignocellulose into ethanol. <i>RSC Advances</i> , 2014 , 4, 3392-3412	3.7	16
11	A review of progress in renewable energy implementation in the Gulf Cooperation Council countries. <i>Journal of Cleaner Production</i> , 2014 , 71, 168-180	10.3	75
10	Greener energy: Issues and challenges for Pakistan-wind power prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2013 , 20, 519-538	16.2	48
9	Underground coal gasification: From fundamentals to applications. <i>Progress in Energy and Combustion Science</i> , 2013 , 39, 189-214	33.6	267
8	Greener energy: Issues and challenges for Pakistan-hydel power prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2012 , 16, 2732-2746	16.2	34
7	Greener energy: Issues and challenges for Pakistan-solar energy prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2012 , 16, 2762-2780	16.2	69
6	Greener energy: Issues and challenges for Pakistan-biomass energy prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2011 , 15, 3207-3219	16.2	102
5	Biochemical Engineering Education in Pakistan. <i>Journal of Chemical Engineering of Japan</i> , 2007 , 40, 1121-1128	1.8	28
4	Energy-poverty alleviation in Pakistan through use of indigenous energy resources. <i>Energy for Sustainable Development</i> , 2007 , 11, 58-67	5.4	18
3	Sustainable agriculture and eradication of rural poverty in Pakistan. <i>Natural Resources Forum</i> , 2007 , 31, 253-262	2.2	19

2	Coal gasification for sustainable development of the energy sector in Pakistan. <i>Energy for Sustainable Development</i> , 2005 , 9, 60-67	5-4	12
1	Biological assisted treatment of buffalo dung and poultry manure for biogas generation using laboratory-scale bioreactor. <i>Biomass Conversion and Biorefinery</i> ,1	2-3	3