

Abdul Waheed Bhutto

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4202914/abdul-waheed-bhutto-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Underground coal gasification: From fundamentals to applications. <i>Progress in Energy and Combustion Science</i> , 2013 , 39, 189-214	33.6	267
36	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
35	Insight into progress in pre-treatment of lignocellulosic biomass. <i>Energy</i> , 2017 , 122, 724-745	7.9	176
34	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
33	Greener energy: Issues and challenges for Pakistan Biomass energy prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2011 , 15, 3207-3219	16.2	102
32	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
31	Greener energy: Issues and challenges for Pakistan Solar energy prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2012 , 16, 2762-2780	16.2	69
30	Hydrothermal carbonization of oil palm shell. <i>Korean Journal of Chemical Engineering</i> , 2015 , 32, 1789-1797	7.8	56
29	Synthesis of magnetic carbon nanocomposites by hydrothermal carbonization and pyrolysis. <i>Environmental Chemistry Letters</i> , 2018 , 16, 821-844	13.3	48
28	Greener energy: Issues and challenges for Pakistan Wind power prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2013 , 20, 519-538	16.2	48
27	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
26	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
25	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
24	Extractive denitrogenation of fuel oils using ionic liquids: a review. <i>RSC Advances</i> , 2016 , 6, 93932-93946	3.7	38
23	Greener energy: Issues and challenges for Pakistan-hydel power prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2012 , 16, 2732-2746	16.2	34
22	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
21	Greener energy: Issues and challenges for Pakistan-geothermal energy prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 31, 258-269	16.2	31

20	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
19	Sustainable agriculture and eradication of rural poverty in Pakistan. <i>Natural Resources Forum</i> , 2007 , 31, 253-262	2.2	19
18	Energy-poverty alleviation in Pakistan through use of indigenous energy resources. <i>Energy for Sustainable Development</i> , 2007 , 11, 58-67	5.4	18
17	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
16	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
15	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
14	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
13	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
12	Coal gasification for sustainable development of the energy sector in Pakistan. <i>Energy for Sustainable Development</i> , 2005 , 9, 60-67	5.4	12
11	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
10	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
9	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
8	Thermal degradation kinetics of morpholine for carbon dioxide capture. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103814	6.8	7
7	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
6	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
5	Desulphurization of Fuel Oils Using Ionic Liquids. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2016 , 254-284	0.2	3
4	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
3	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

- 2 Wind speed pattern data and wind energy potential in Pakistan: current status, challenging platforms and innovative prospects. *Environmental Science and Pollution Research*, **2021**, 28, 34051-34073^{5,1} 1
- 1 Biochemical Engineering Education in Pakistan. *Journal of Chemical Engineering of Japan*, **2007**, 40, 1121-1128