

# Abdul Waheed Bhutto

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

2,371  
citations

304743

22  
h-index

315739

38  
g-index

39  
all docs

39  
docs citations

39  
times ranked

3077  
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of effect of process parameters on hydrothermal carbonization of biomass. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 73, 1289-1299.	16.4	354
2	Underground coal gasification: From fundamentals to applications. <i>Progress in Energy and Combustion Science</i> , 2013, 39, 189-214.	31.2	336
3	Insight into progress in pre-treatment of lignocellulosic biomass. <i>Energy</i> , 2017, 122, 724-745.	8.8	252
4	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	148
5	Greener energy: Issues and challenges for Pakistanâ€™Biomass energy prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2011, 15, 3207-3219.	16.4	129
6	Greener energy: Issues and challenges for Pakistanâ€™Solar energy prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 2762-2780.	16.4	121
7	A review of progress in renewable energy implementation in the Gulf Cooperation Council countries. <i>Journal of Cleaner Production</i> , 2014, 71, 168-180.	9.3	95
8	An overview of microwave hydrothermal carbonization and microwave pyrolysis of biomass. <i>Reviews in Environmental Science and Biotechnology</i> , 2018, 17, 813-837.	8.1	82
9	Hydrothermal carbonization of oil palm shell. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 1789-1797.	2.7	72
10	Synthesis of magnetic carbon nanocomposites by hydrothermal carbonization and pyrolysis. <i>Environmental Chemistry Letters</i> , 2018, 16, 821-844.	16.2	72
11	Fabrication of advance magnetic carbon nano-materials and their potential applications: A review. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102812.	6.7	71
12	Progress in the production of biomass-to-liquid biofuels to decarbonize the transport sector â€™ prospects and challenges. <i>RSC Advances</i> , 2016, 6, 32140-32170.	3.6	62
13	Greener energy: Issues and challenges for Pakistanâ€™wind power prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 20, 519-538.	16.4	61
14	Extractive denitrogenation of fuel oils using ionic liquids: a review. <i>RSC Advances</i> , 2016, 6, 93932-93946.	3.6	61
15	Greener energy: Issues and challenges for Pakistan-geothermal energy prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 31, 258-269.	16.4	48
16	Perspectives for the production of ethanol from lignocellulosic feedstock â€™ A case study. <i>Journal of Cleaner Production</i> , 2015, 95, 184-193.	9.3	44
17	Greener energy: Issues and challenges for Pakistan-hydel power prospective. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 2732-2746.	16.4	42
18	Studentsâ€™ Responses to Improve Environmental Sustainability Through Recycling: Quantitatively Improving Qualitative Model. <i>Applied Research in Quality of Life</i> , 2016, 11, 253-270.	2.4	33

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19	Sustainable agriculture and eradication of rural poverty in Pakistan. <i>Natural Resources Forum</i> , 2007, 31, 253-262.	3.6	32
20	Energy-poverty alleviation in Pakistan through use of indigenous energy resources. <i>Energy for Sustainable Development</i> , 2007, 11, 58-67.	4.5	31
21	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.	4.1	31
22	Solvothermal Liquefaction of Corn Stalk: Physico-Chemical Properties of Bio-oil and Biochar. <i>Waste and Biomass Valorization</i> , 2019, 10, 1957-1968.	3.4	23
23	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.	2.7	22
24	Promoting sustainability of use of biomass as energy resource: Pakistan's perspective. <i>Environmental Science and Pollution Research</i> , 2019, 26, 29606-29619.	5.3	20
25	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.	3.6	17
26	Thermal degradation kinetics of morpholine for carbon dioxide capture. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103814.	6.7	15
27	Coal gasification for sustainable development of the energy sector in Pakistan. <i>Energy for Sustainable Development</i> , 2005, 9, 60-67.	4.5	14
28	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.	8.2	14
29	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.	2.3	13
30	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.	5.3	13
31	Parametric study of pyrolysis and steam gasification of rice straw in presence of K <sub>2</sub> CO <sub>3</sub> . <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 2567-2574.	2.7	11
32	Innovative method to prepare a stable emulsion liquid membrane for high CO <sub>2</sub> 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.	4.4	10
33	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.	2.2	7
34	Biological assisted treatment of buffalo dung and poultry manure for biogas generation using laboratory-scale bioreactor. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 1979-1986.	4.6	6
35	Desulphurization of Fuel Oils Using Ionic Liquids. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2016, , 254-284.	0.3	4
36	Hydrodynamics study of the modified rotating disc contactor for CO <sub>2</sub> absorption from natural gas using emulsion liquid membrane. <i>Chemical Engineering Research and Design</i> , 2016, 111, 465-478.	5.6	3

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37	Biochemical Engineering Education in Pakistan. Journal of Chemical Engineering of Japan, 2007, 40, 1121-1128.	0.6	0