

# Abdullah Yasar

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,008  
citations

471061

17  
h-index

476904

29  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1284  
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic and environmental assessment of rice husk in comparison to coal and furnace oil as a boiler fuel. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 1671-1679.	2.9	8
2	Quality assessment of the noncarbonated-bottled drinking water: comparison of their treatment techniques. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 8195-8206.	1.8	24
3	Investigating the effect of <i>Aspergillus niger</i> inoculated press mud (biofertilizer) on the potential of enhancing maize ( <i>Zea mays</i> . L) yield, potassium use efficiency and potassium agronomic efficiency. <i>Cereal Research Communications</i> , 2022, 50, 157-170.	0.8	9
4	Environmental life cycle analysis of a modern commercial-scale fibreglass composite-based biogas scrubbing system. <i>Renewable Energy</i> , 2022, 185, 1261-1271.	4.3	6
5	Comparison of ozonation, Fenton, and photo-Fenton processes for the treatment of textile dye-bath effluents integrated with electrocoagulation. <i>Journal of Water Process Engineering</i> , 2022, 46, 102547.	2.6	43
6	Value addition and risk assessment of dairy digestate as biofertilizer on crop yield and soil fertility. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	0
7	Analysis of environmental sustainability of e-waste in developing countries " a case study from Pakistan. <i>Environmental Science and Pollution Research</i> , 2022, 29, 36721-36739.	2.7	14
8	Field testing phytoremediation of organic and inorganic pollutants of sewage drain by bacteria assisted water hyacinth. <i>International Journal of Phytoremediation</i> , 2021, 23, 139-150.	1.7	19
9	A study on recycling and reuse of sugar mill industrial waste. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2021, 43, 1759-1768.	1.2	4
10	Environmental risk assessment of a young landfill site and its vicinity for possible human exposure. <i>Human and Ecological Risk Assessment (HERA)</i> , 2021, 27, 258-273.	1.7	11
11	A comparison of waste recycling facilities for their contribution of heavy metals and trace elements in ambient air. <i>Environmental Science and Pollution Research</i> , 2021, 28, 24807-24815.	2.7	3
12	Ground water toxicity due to fluoride contamination in Southwestern Lahore, Punjab, Pakistan. <i>Water Science and Technology: Water Supply</i> , 2021, 21, 3126-3140.	1.0	7
13	Investigating the effect of <i>Aspergillus niger</i> inoculated press mud (biofertilizer) on the potential of enhancing maize ( <i>Zea mays</i> L.) yield, phosphorous use efficiency, and phosphorous agronomic efficiency. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	7
14	Quality and environmental impacts of oil production through pyrolysis of waste tyres. <i>Environmental Technology and Innovation</i> , 2021, 23, 101565.	3.0	5
15	Catalytic ozonation for the removal of reactive black 5 (RB-5) dye using zeolites modified with CuMn <sub>2</sub> O <sub>4</sub> /gC <sub>3</sub> N <sub>4</sub> in a synergic electro flocculation-catalytic ozonation process. <i>Water Science and Technology</i> , 2021, 84, 1943-1953.	1.2	15
16	Phytoremediation potential of <i>Pistia stratiotes</i> and <i>Eichhornia crassipes</i> to remove chromium and copper. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 1514-1519.	1.2	39
17	Ambient Air Quality of Faisalabad with Relevance to the Seasonal Variations. <i>Mapan - Journal of Metrology Society of India</i> , 2020, 35, 421-426.	1.0	1
18	Critical risk analysis of metals toxicity in wastewater irrigated soil and crops: a study of a semi-arid developing region. <i>Scientific Reports</i> , 2020, 10, 12845.	1.6	40

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19	COVID-19 and frequent use of hand sanitizers; human health and environmental hazards by exposure pathways. <i>Science of the Total Environment</i> , 2020, 742, 140561.	3.9	175
20	Sustainability and CDM potential analysis of a novel vs conventional bioenergy projects in South Asia by multi-criteria decision-making method. <i>Environmental Science and Pollution Research</i> , 2020, 27, 23081-23093.	2.7	10
21	Environmental impact and economic sustainability analysis of a novel anaerobic digestion waste-to-energy pilot plant in Pakistan. <i>Environmental Science and Pollution Research</i> , 2019, 26, 26404-26417.	2.7	14
22	Comparative analysis of air quality on petrol filling stations and related health impacts on their workers. <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 1317-1322.	1.5	3
23	Investigating the drinking and surface water quality and associated health risks in a semi-arid multi-industrial metropolis (Faisalabad), Pakistan. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20853-20865.	2.7	38
24	Treatment of textile effluents with <i>Pistia stratiotes</i> , <i>Eichhornia crassipes</i> and <i>Oedogonium</i> sp. <i>International Journal of Phytoremediation</i> , 2019, 21, 939-943.	1.7	19
25	Ecological risk assessment of metals in sediments and selective plants of Uchalli Wetland Complex (UWC) a Ramsar site. <i>Environmental Science and Pollution Research</i> , 2019, 26, 19136-19152.	2.7	8
26	Determination and dispersion of pollutants from different fuel types used in brick kilns by using Gaussian's plume model. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, 41, 1022-1028.	1.2	5
27	Refuse-derived fuels as a renewable energy source in comparison to coal, rice husk, and sugarcane bagasse. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, 41, 564-572.	1.2	9
28	Human Health Risk Surveillance Through the Determination of Organochlorine Pesticides by High-Performance Liquid Chromatography in Water, Sediments, and Fish from the Chenab River, Pakistan. <i>Analytical Letters</i> , 2018, 51, 1245-1263.	1.0	7
29	Comparison of Reed and Water Lettuce in Constructed Wetlands for Wastewater Treatment. <i>Water Environment Research</i> , 2018, 90, 129-135.	1.3	18
30	Spatio-temporal variations in physico-chemical parameters and potentially harmful elements (PHEs) of Uchalli Wetlands Complex (Ramsar site), Pakistan. <i>Environmental Science and Pollution Research</i> , 2018, 25, 33490-33507.	2.7	7
31	Monitoring and spatiotemporal variations of pyrethroid insecticides in surface water, sediment, and fish of the river Chenab Pakistan. <i>Environmental Science and Pollution Research</i> , 2018, 25, 22584-22597.	2.7	30
32	Bioenergy recovery analysis from various waste substrates by employing a novel industrial scale AD plant. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 1935-1946.	1.2	6
33	Economic review of different designs of biogas plants at household level in Pakistan. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 74, 221-229.	8.2	38
34	Socio-economic, health and agriculture benefits of rural household biogas plants in energy scarce developing countries: A case study from Pakistan. <i>Renewable Energy</i> , 2017, 108, 19-25.	4.3	60
35	Assessing spatio-temporal trend of vector breeding and dengue fever incidence in association with meteorological conditions. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 189.	1.3	20
36	Phytoremediation of organochlorine and pyrethroid pesticides by aquatic macrophytes and algae in freshwater systems. <i>International Journal of Phytoremediation</i> , 2017, 19, 894-898.	1.7	33

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37	Potential of miscanthus biochar to improve sandy soil health, in situ nickel immobilization in soil and nutritional quality of spinach. <i>Chemosphere</i> , 2017, 185, 1144-1156.	4.2	55
38	Life cycle assessment of a medium commercial scale biogas plant and nutritional assessment of effluent slurry. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 67, 364-371.	8.2	57
39	Design and cost-benefit analysis of a novel anaerobic industrial bioenergy plant in Pakistan. <i>Renewable Energy</i> , 2016, 90, 242-247.	4.3	31
40	Cost-benefit analysis of using treated sewage for landscaping in Lahore city, Pakistan. <i>Desalination and Water Treatment</i> , 2016, 57, 19131-19139.	1.0	0
41	TECHNO-ECONOMIC IMPACTS OF INNOVATIVE COMMERCIAL-INDUSTRIAL SCALE BIOENERGY PLANT IN PAKISTAN. <i>Pakistan Journal of Agricultural Sciences</i> , 2016, 53, 647-652.	0.1	7
42	Waste to energy analysis of shakarganj sugar mills; biogas production from the spent wash for electricity generation. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 43, 126-132.	8.2	22
43	Comparison of cost and treatment efficiency of solar assisted advance oxidation processes for textile dye bath effluent. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 131-138.	1.2	14
44	Pathogen Re-Growth in UASB Effluent Disinfected By UV, $O_3$ , $H_2O_2$ , and Advanced Oxidation Processes. <i>Ozone: Science and Engineering</i> , 2007, 29, 485-492.	1.4	14
45	Sludge granulation and efficiency of phase separator in UASB reactor treating combined industrial effluent. <i>Journal of Environmental Sciences</i> , 2007, 19, 553-558.	3.2	13
46	Decolorization of Blue CL-BR dye by AOPs using bleach wastewater as source of $H_2O_2$ . <i>Journal of Environmental Sciences</i> , 2007, 19, 1183-1188.	3.2	21
47	Energy requirement of ultraviolet and AOPs for the post-treatment of treated combined industrial effluent. <i>Coloration Technology</i> , 2006, 122, 201-206.	0.7	18
48	Gasification of mixed waste at high temperature to enhance the syngas efficiency and reduce gaseous emissions and tar production. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-10.	1.2	1