Abdullah Yasar

List of Publications by Year
in descending order

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	COVID-19 and frequent use of hand sanitizers; human health and environmental hazards by exposure pathways. Science of the Total Environment, 2020, 742, 140561.	3.9	175
2	Socio-economic, health and agriculture benefits of rural household biogas plants in energy scarce developing countries: A case study from Pakistan. Renewable Energy, 2017, 108, 19-25.	4.3	60
3	Life cycle assessment of a medium commercial scale biogas plant and nutritional assessment of effluent slurry. Renewable and Sustainable Energy Reviews, 2017, 67, 364-371.	8.2	57
4	Potential of miscanthus biochar to improve sandy soil health, in situ nickel immobilization in soil and nutritional quality of spinach. Chemosphere, 2017, 185, 1144-1156.	4.2	55
5	Comparison of ozonation, Fenton, and photo-Fenton processes for the treatment of textile dye-bath effluents integrated with electrocoagulation. Journal of Water Process Engineering, 2022, 46, 102547.	2.6	43
6	Critical risk analysis of metals toxicity in wastewater irrigated soil and crops: a study of a semi-arid developing region. Scientific Reports, 2020, 10, 12845.	1.6	40
7	Phytoremediation potential of Pistia stratiotes and Eichhornia crassipes to remove chromium and copper. Environmental Technology (United Kingdom), 2020, 41, 1514-1519.	1.2	39
8	Economic review of different designs of biogas plants at household level in Pakistan. Renewable and Sustainable Energy Reviews, 2017, 74, 221-229.	8.2	38
9	Investigating the drinking and surface water quality and associated health risks in a semi-arid multi-industrial metropolis (Faisalabad), Pakistan. Environmental Science and Pollution Research, 2019, 26, 20853-20865.	2.7	38
10	Phytoremediation of organochlorine and pyrethroid pesticides by aquatic macrophytes and algae in freshwater systems. International Journal of Phytoremediation, 2017, 19, 894-898.	1.7	33
11	Design and cost-benefit analysis of a novel anaerobic industrial bioenergy plant in Pakistan. Renewable Energy, 2016, 90, 242-247.	4.3	31
12	Monitoring and spatiotemporal variations of pyrethroid insecticides in surface water, sediment, and fish of the river Chenab Pakistan. Environmental Science and Pollution Research, 2018, 25, 22584-22597.	2.7	30
13	Quality assessment of the noncarbonated-bottled drinking water: comparison of their treatment techniques. International Journal of Environmental Analytical Chemistry, 2022, 102, 8195-8206.	1.8	24
14	Waste to energy analysis of shakarganj sugar mills; biogas production from the spent wash for electricity generation. Renewable and Sustainable Energy Reviews, 2015, 43, 126-132.	8.2	22
15	Decolorization of Blue CL-BR dye by AOPs using bleach wastewater as source of H2O2. Journal of Environmental Sciences, 2007, 19, 1183-1188.	3.2	21
16	Assessing spatio-temporal trend of vector breeding and dengue fever incidence in association with meteorological conditions. Environmental Monitoring and Assessment, 2017, 189, 189.	1.3	20
17	Treatment of textile effluents with Pistia stratiotes, Eichhornia crassipes and Oedogonium sp.. International Journal of Phytoremediation, 2019, 21, 939-943.	1.7	19
18	Field testing phytoremediation of organic and inorganic pollutants of sewage drain by bacteria assisted water hyacinth. International Journal of Phytoremediation, 2021, 23, 139-150.	1.7	19

#	Article	IF	Citations
19	Energy requirement of ultraviolet and AOPs for the post-treatment of treated combined industrial effluent. Coloration Technology, 2006, 122, 201-206.	0.7	18
20	Comparison of Reed and Water Lettuce in Constructed Wetlands for Wastewater Treatment. Water Environment Research, 2018, 90, 129-135.	1.3	18
21	Catalytic ozonation for the removal of reactive black 5 (RB-5) dye using zeolites modified with CuMn2O4/gC3N4 in a synergic electro flocculation-catalytic ozonation process. Water Science and Technology, 2021, 84, 1943-1953.	1.2	15
22	Pathogen Re-Growth in UASB Effluent Disinfected By UV, O₃, H₂O₂, and Advanced Oxidation Processes. Ozone: Science and Engineering, 2007, 29, 485-492.	1.4	14
23	Comparison of cost and treatment efficiency of solar assisted advance oxidation processes for textile dye bath effluent. Korean Journal of Chemical Engineering, 2013, 30, 131-138.	1.2	14
24	Environmental impact and economic sustainability analysis of a novel anaerobic digestion waste-to-energy pilot plant in Pakistan. Environmental Science and Pollution Research, 2019, 26, 26404-26417.	2.7	14
25	Analysis of environmental sustainability of e-waste in developing countries â€" a case study from Pakistan. Environmental Science and Pollution Research, 2022, 29, 36721-36739.	2.7	14
26	Sludge granulation and efficiency of phase separator in UASB reactor treating combined industrial effluent. Journal of Environmental Sciences, 2007, 19, 553-558.	3.2	13
27	Environmental risk assessment of a young landfill site and its vicinity for possible human exposure. Human and Ecological Risk Assessment (HERA), 2021, 27, 258-273.	1.7	11
28	Sustainability and CDM potential analysis of a novel vs conventional bioenergy projects in South Asia by multi-criteria decision-making method. Environmental Science and Pollution Research, 2020, 27, 23081-23093.	2.7	10
29	Refuse-derived fuels as a renewable energy source in comparison to coal, rice husk, and sugarcane bagasse. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, 41, 564-572.	1.2	9
30	Investigating the effect of Aspergillus niger inoculated press mud (biofertilizer) on the potential of enhancing maize (Zea mays. L) yield, potassium use efficiency and potassium agronomic efficiency. Cereal Research Communications, 2022, 50, 157-170.	0.8	9
31	Ecological risk assessment of metals in sediments and selective plants of Uchalli Wetland Complex (UWC)â€"a Ramsar site. Environmental Science and Pollution Research, 2019, 26, 19136-19152.	2.7	8
32	Techno-economic and environmental assessment of rice husk in comparison to coal and furnace oil as a boiler fuel. Biomass Conversion and Biorefinery, 2023, 13, 1671-1679.	2.9	8
33	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. Analytical Letters, 2018, 51, 1245-1263.	1.0	7
34	Spatio-temporal variations in physico-chemical parameters and potentially harmful elements (PHEs) of Uchalli Wetlands Complex (Ramsar site), Pakistan. Environmental Science and Pollution Research, 2018, 25, 33490-33507.	2.7	7
35	Ground water toxicity due to fluoride contamination in Southwestern Lahore, Punjab, Pakistan. Water Science and Technology: Water Supply, 2021, 21, 3126-3140.	1.0	7
36	Investigating the effect of Aspergillus niger inoculated press mud (biofertilizer) on the potential of enhancing maize (Zea mays L.) yield, phosphorous use efficiency, and phosphorous agronomic efficiency. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	7

#	Article	IF	Citations
37	TECHNO-ECONOMIC IMPACTS OF INNOVATIVE COMMERCIAL-INDUSTRIAL SCALE BIOENERGY PLANT IN PAKISTAN. Pakistan Journal of Agricultural Sciences, 2016, 53, 647-652.	0.1	7
38	Bioenergy recovery analysis from various waste substrates by employing a novel industrial scale AD plant. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 1935-1946.	1.2	6
39	Environmental life cycle analysis of a modern commercial-scale fibreglass composite-based biogas scrubbing system. Renewable Energy, 2022, 185, 1261-1271.	4.3	6
40	Determination and dispersion of pollutants from different fuel types used in brick kilns by using Gaussianâ€™s plume model. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, 41, 1022-1028.	1.2	5
41	Quality and environmental impacts of oil production through pyrolysis of waste tyres. Environmental Technology and Innovation, 2021, 23, 101565.	3.0	5
42	A study on recycling and reuse of sugar mill industrial waste. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2021, 43, 1759-1768.	1.2	4
43	Comparative analysis of air quality on petrol filling stations and related health impacts on their workers. Air Quality, Atmosphere and Health, 2019, 12, 1317-1322.	1.5	3
44	A comparison of waste recycling facilities for their contribution of heavy metals and trace elements in ambient air. Environmental Science and Pollution Research, 2021, 28, 24807-24815.	2.7	3
45	Ambient Air Quality of Faisalabad with Relevance to the Seasonal Variations. Mapan - Journal of Metrology Society of India, 2020, 35, 421-426.	1.0	1
46	Gasification of mixed waste at high temperature to enhance the syngas efficiency and reduce gaseous emissions and tar production. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-10.	1.2	1
47	Costâ€“benefit analysis of using treated sewage for landscaping in Lahore city, Pakistan. Desalination and Water Treatment, 2016, 57, 19131-19139.	1.0	0
48	Value addition and risk assessment of dairy digestate as biofertilizer on crop yield and soil fertility. Arabian Journal of Geosciences, 2022, 15, 1.	0.6	0