Qaisar Mahmood

List of Publications by Year
in descending order

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57	2,027	236925	243625
papers	citations	25 h-index	44 g-index

58	58	58	2545
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Iron Oxide (Fe3O4)-Supported SiO2 Magnetic Nanocomposites for Efficient Adsorption of Fluoride from Drinking Water: Synthesis, Characterization, and Adsorption Isotherm Analysis. Water (Switzerland), 2021, 13, 1514.	2.7	17
2	Effect of substrate ratios on the simultaneous carbon, nitrogen, sulfur and phosphorous conversions in microbial fuel cells. Heliyon, 2021, 7, e07338.	3.2	4
3	Occupational health impacts of transport industry: collagen degrader, blood lead, and respiratory illnesses. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	0
4	Bioenergy Potential of Albumin, Acetic Acid, Sucrose, and Blood in Microbial Fuel Cells Treating Synthetic Wastewater. Processes, 2021, 9, 1289.	2.8	4
5	Photocatalytic degradation and kinetic modeling of azo dye using bimetallic photocatalysts: effect of synthesis and operational parameters. Environmental Science and Pollution Research, 2020, 27, 2992-3006.	5.3	43
6	Influence of metallic species for efficient photocatalytic water disinfection: bactericidal mechanism of in vitro results using docking simulation. Environmental Science and Pollution Research, 2020, 27, 39819-39831.	5.3	15
7	Performance, microbial community and inhibition kinetics of long-term Cu2+ stress on an air-lift nitritation reactor with self-recirculation. Journal of Environmental Sciences, 2020, 91, 117-127.	6.1	11
8	Quantitative determination of cavitation formation and sludge flotation in Anammox granules by using a new diffusion-reaction integrated mathematical model. Water Research, 2020, 174, 115632.	11.3	73
9	Longâ€term domestication to Mn stresses alleviates the inhibition on anammox process. Water Environment Research, 2020, 92, 1966-1974.	2.7	7
10	Gene expression and biochemical response of giant reed under Ni and Cu stress. International Journal of Phytoremediation, 2019, 21, 1474-1485.	3.1	8
11	Chemical pollutants from an industrial estate in Pakistan: a threat to environmental sustainability. Applied Water Science, 2019, 9, 1.	5.6	32
12	Effect of scrubbing by NaClO backwashing on membrane fouling in anammox MBR. Science of the Total Environment, 2019, 670, 149-157.	8.0	40
13	Effect of Pretreatment and Substrate Ratios in Biorefinery Employing Co-digestion of Plant Biomass and Poultry Waste. Frontiers in Energy Research, 2019, 6, .	2.3	8
14	Microbe and plant assisted-remediation of organic xenobiotics and its enhancement by genetically modified organisms and recombinant technology: A review. Science of the Total Environment, 2018, 628-629, 1582-1599.	8.0	144
15	Physiology and selected genes expression under cadmium stress in Arundo donax L. International Journal of Phytoremediation, 2018, 20, 1162-1167.	3.1	13
16	Industrial wastewater treatment in internal circulation bioreactor followed by wetlands containing emergent plants and algae. World Journal of Microbiology and Biotechnology, 2018, 34, 119.	3.6	5
17	Constitutional tolerance and chlorophyll fluorescence of Boehmeria nivea L in response to the antimony (Sb) and arsenic (As) co-contamination. Toxicological and Environmental Chemistry, 2017, 99, 265-272.	1.2	13
18	Transcriptomic responses of selected genes against chromium stress in Arundo donax L.. Toxicological and Environmental Chemistry, 2017, 99, 900-912.	1.2	5

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19	Assessment of tap water quality and corrosion scales from the selected distribution systems in northern Pakistan. Environmental Monitoring and Assessment, 2017, 189, 194.	2.7	8
20	Biochemical and Metabolic Changes in Arsenic ContaminatedBoehmeria niveaL.. BioMed Research International, 2016, 2016, 1-8.	1.9	19
21	Improvement in lipids extraction processes for biodiesel production from wet microalgal pellets grown on diammonium phosphate and sodium bicarbonate combinations. Bioresource Technology, 2016, 214, 199-209.	9.6	15
22	Effect of cathode electron acceptors on simultaneous anaerobic sulfide and nitrate removal in microbial fuel cell. Water Science and Technology, 2016, 73, 947-954.	2.5	19
23	Phytoextraction of HG by parsley(Petroselinum crispum)and its growth responses. International Journal of Phytoremediation, 2016, 18, 354-357.	3.1	7
24	Anaerobic microbial fuel cell treating combined industrial wastewater: Correlation of electricity generation with pollutants. Bioresource Technology, 2016, 200, 1-7.	9.6	61
25	Phytoremediation Using Algae and Macrophytes: I. , 2015, , 265-289.		7
26	Bio-Sand filter to treat arsenic contaminated drinking water. Desalination and Water Treatment, 2015, 53, 2999-3006.	1.0	4
27	Health risk assessment and oxidative stress in workers exposed to welding fumes. Toxicological and Environmental Chemistry, 2015, 97, 634-639.	1.2	16
28	Investigation onMelia azedarachbiomass for arsenic remediation from contaminated water. Desalination and Water Treatment, 2015, 53, 1632-1640.	1.0	7
29	Dietary Toxicity of Lead and Hyper-Accumulation in Petroselinum crispum. Arabian Journal for Science and Engineering, 2015, 40, 1819-1824.	1.1	1
30	Co-digestion, pretreatment and digester design for enhanced methanogenesis. Renewable and Sustainable Energy Reviews, 2015, 42, 627-642.	16.4	160
31	Plants as Useful Vectors to Reduce Environmental Toxic Arsenic Content. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	74
32	Excessive chromium may cause dietary toxicity in parsley (Petroselinum crispum). Toxicological and Environmental Chemistry, 2014, 96, 287-295.	1.2	2
33	Assessment of toxicity of volatile fatty acids to Photobacterium phosphoreum. Microbiology, 2014, 83, 510-515.	1.2	8
34	Arsenic bioremediation by low cost materials derived from Blue Pine (Pinus wallichiana) and Walnut (Juglans regia). Ecological Engineering, 2013, 51, 88-94.	3.6	63
35	Natural Treatment Systems as Sustainable Ecotechnologies for the Developing Countries. BioMed Research International, 2013, 2013, 1-19.	1.9	40
36	Combined Industrial Wastewater Treatment in Anaerobic Bioreactor Posttreated in Constructed Wetland. BioMed Research International, 2013, 2013, 1-8.	1.9	15

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37	Cadmium Phytoremediation byArundo donaxL. from Contaminated Soil and Water. BioMed Research International, 2013, 2013, 1-9.	1.9	37
38	Potential of Arundo donax to treat chromium contamination. Ecological Engineering, 2012, 42, 256-259.	3.6	34
39	Improvement of drinking water quality by using plant biomass through household biosand filter â€“ A decentralized approach. Ecological Engineering, 2011, 37, 1842-1848.	3.6	50
40	Ecological restoration of arsenic contaminated soil by Arundo donax L. Ecological Engineering, 2011, 37, 1949-1956.	3.6	86
41	Development of low cost household drinking water treatment system for the earthquake affected communities in Northern Pakistan. Desalination, 2011, 273, 316-320.	8.2	48
42	Influence of various nitrogenous electron acceptors on the anaerobic sulfide oxidation. Bioresource Technology, 2010, 101, 2931-2937.	9.6	56
43	Phytoremediation potential of Arundo donax in arsenic-contaminated synthetic wastewater. Bioresource Technology, 2010, 101, 5815-5819.	9.6	106
44	Isolation of Ochrobactrum sp.QZ2 from sulfide and nitrite treatment system. Journal of Hazardous Materials, 2009, 165, 558-565.	12.4	36
45	Perspectives of low cost arsenic remediation of drinking water in Pakistan and other countries. Journal of Hazardous Materials, 2009, 168, 1-12.	12.4	155
46	Effect of pH on anoxic sulfide oxidizing reactor performance. Bioresource Technology, 2008, 99, 3291-3296.	9.6	35
47	Lead Induced Changes in the Growth and Antioxidant Metabolism of the Lead Accumulating and Nonâ€accumulating Ecotypes of Sedum alfredii. Journal of Integrative Plant Biology, 2008, 50, 129-140.	8.5	105
48	The role of bacteria in the heavy metals removal and growth of Sedum alfredii Hance in an aqueous medium. Chemosphere, 2008, 70, 489-494.	8.2	36
49	Comparison of anoxic sulfide biooxidation using nitrate/nitrite as electron acceptor. Environmental Progress, 2007, 26, 169-177.	0.7	21
50	Isolation and physiology of a dimethyl phthalate degrading bacterial strain YZ2. Environmental Progress, 2007, 26, 384-390.	0.7	6
51	Anoxic sulfide biooxidation using nitrite as electron acceptor. Journal of Hazardous Materials, 2007, 147, 249-256.	12.4	133
52	Sources of sulfide in waste streams and current biotechnologies for its removal. Journal of Zhejiang University: Science A, 2007, 8, 1126-1140.	2.4	50
53	Effects of loading rate and hydraulic residence time on anoxic sulfide biooxidation. Journal of Zhejiang University: Science A, 2007, 8, 1149-1156.	2.4	10
54	Isolation and characteristics of Arthrobacter sp. strain CW-1 for biodegradation of PAEs. Journal of Zhejiang University: Science A, 2007, 8, 1469-1474.	2.4	7

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55	Prediction of anoxic sulfide biooxidation under various HRTs using artificial neural networks. Biomedical and Environmental Sciences, 2007, 20, 398-403.	0.2	2
56	The rate-limiting step in anaerobic digestion in the presence of phosphine. Toxicology and Industrial Health, 2006, 22, 165-172.	1.4	10
57	Anatomical studies on water hyacinth (Eichhornia crassipes(Mart.) Solms) under the influence of textile wastewater. Journal of Zhejiang University Science B, 2005, 6B, 991-998.	0.4	35