Farrukh Ahmad

List of Publications by Year in descending order

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31 papers	592 citations	643344 15 h-index	685536 24 g-index
31 all docs	31 docs citations	31 times ranked	972 citing authors

#	Article	IF	Citations
1	Modelling bioelectrochemical denitrification in absence of electron donors for groundwater treatment. Chemosphere, 2022, 286, 131850.	4.2	0
2	Sustainable coastal halophyte farming for biofuel in arid regions: site and feedwater screening using geochemical modeling. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	0
3	Experimental modeling to optimize the sonication energy in water. Measurement: Journal of the International Measurement Confederation, 2020, 163, 108039.	2.5	7
4	Ultrasonic Synthesis of Carbon Nanotube-Titanium Dioxide Composites: Process Optimization via Response Surface Methodology. ACS Omega, 2019, 4, 535-545.	1.6	11
5	Optimization of Carbon Nanotube Dispersions in Water Using Response Surface Methodology. ACS Omega, 2019, 4, 849-859.	1.6	21
6	Mycobacteria in Municipal Wastewater Treatment and Reuse: Microbial Diversity for Screening the Occurrence of Clinically and Environmentally Relevant Species in Arid Regions. Environmental Science & Technology, 2017, 51, 3048-3056.	4.6	35
7	Chemical fingerprinting of saline water intrusion into sewage lines. Water Science and Technology, 2017, 76, 2044-2050.	1.2	6
8	A Multiple Reaction Modelling Framework for Microbial Electrochemical Technologies. International Journal of Molecular Sciences, 2017, 18, 86.	1.8	4
9	Magnesium recovery from brines using exopolymeric substances of sulfate-reducing bacteria. Desalination and Water Treatment, 2016, 57, 25747-25756.	1.0	0
10	A probabilistic QMRA of Salmonella in direct agricultural reuse of treated municipal wastewater. Water Science and Technology, 2015, 71, 1203-1211.	1.2	26
11	Using multi-walled carbon nanotubes (MWNTs) for oilfield produced water treatment with environmentally acceptable endpoints. Environmental Sciences: Processes and Impacts, 2014, 16, 2039-2047.	1.7	6
12	Molecular Analysis for Screening Human Bacterial Pathogens in Municipal Wastewater Treatment and Reuse. Environmental Science & Technology, 2014, 48, 11610-11619.	4.6	71
13	Photo-regenerable multi-walled carbon nanotube membranes for the removal of pharmaceutical micropollutants from water. Environmental Sciences: Processes and Impacts, 2013, 15, 1582.	1.7	27
14	Chemical Composition and Screening-Level Environmental Contamination Risk of Bioderived Synthetic Paraffinic Kerosene (Bio-SPK) Jet Fuels. Energy & Fuels, 2013, 27, 3830-3837.	2.5	10
15	A review of cellulosic microbial fuel cells: Performance and challenges. Biomass and Bioenergy, 2013, 56, 179-188.	2.9	61
16	Analytical techniques for boron quantification supporting desalination processes: A review. Desalination, 2013, 310, 9-17.	4.0	47
17	Boron removal in new generation reverse osmosis (RO) membranes using two-pass RO without pH adjustment. Desalination, 2013, 310, 50-59.	4.0	68
18	Direct enrichment of perchlorate-reducing microbial community for efficient electroactive perchlorate reduction in biocathodes. Journal of Industrial Microbiology and Biotechnology, 2013, 40, 1321-1327.	1.4	15

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19	Carcinogenic health risk from trihalomethanes during reuse of reclaimed water in coastal cities of the Arabian Gulf. Journal of Water Reuse and Desalination, 2013, 3, 175-184.	1.2	6
20	Nitrite Oxidation in Ion Chromatographyâ€Electrospray Ionizationâ€Tandem Mass Spectrometry (ICâ€ESIâ€MS/MS). Journal of Mass Spectrometry, 2011, 46, 720-724.	0.7	4
21	Treatment of an explosives plume in groundwater using an organic mulch biowall. Remediation, 2009, 20, 21-40.	1.1	2
22	Considerations for the design of organic mulch permeable reactive barriers. Remediation, 2007, 18, 59-72.	1.1	23
23	Remediation of RDX- and HMX-contaminated groundwater using organic mulch permeable reactive barriers. Journal of Contaminant Hydrology, 2007, 90, 1-20.	1.6	32
24	Biodegradation of Hazardous Materials by Clostridia. , 2005, , 831-854.		4
25	An Empirical Analysis of the Groundwater-to-Indoor-Air Exposure Pathway: The Role of Background Concentrations in Indoor Air. Environmental Forensics, 2004, 5, 33-44.	1.3	25
26	Discussion of â€˜Evaluation of the Johnson and Ettinger Model for Prediction of Indoor Air Qualityâ€™ by Ian Hers, Reidar Zapf-Gilje, Paul C. Johnson, and Loretta Li (2003), Ground Water Monitoring & Remediation , v. 23, no. 1, pages 62-76. Ground Water Monitoring and Remediation, 2004, 24, 139-140.	0.6	1
27	Reactivity of Partially Reduced Arylhydroxylamine and Nitrosoarene Metabolites of 2,4,6-Trinitrotoluene (TNT) toward Biomass and Humic Acids. Environmental Science & Technology, 2002, 36, 4370-4381.	4.6	33
28	Anaerobic Transformation of TNT by Clostridium. , 2000, , .		2
29	Effects of TNT and Its Metabolites on Anaerobic TNT Degradation. Journal of Environmental Engineering, ASCE, 1998, 124, 660-667.	0.7	3
30	Optimization of an Aerobic Polishing Stage To Complete the Anaerobic Treatment of Munitions-Contaminated Soils. Environmental Science & Technology, 1996, 30, 2021-2026.	4.6	24
31	Use of narrow-bore high-performance liquid chromatography-diode array detection for the analysis of intermediates of the biological degradation of 2,4,6-trinitrotoluene. Journal of Chromatography A, 1995, 693, 167-175.	1.8	18