

Khaled Zoroufchi Benis

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

527
citations

623734

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h-index

677142

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24
all docs

24
docs citations

24
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of aqueous arsenic â€“ A review of biochar modification methods. <i>Science of the Total Environment</i> , 2020, 739, 139750.	8.0	81
2	Optimization of the nanocellulose based cryoprotective medium to enhance the viability of freeze dried <i>Lactobacillus plantarum</i> using response surface methodology. <i>LWT - Food Science and Technology</i> , 2015, 64, 326-332.	5.2	42
3	Treatment of aqueous arsenic â€“ A review of biosorbent preparation methods. <i>Journal of Environmental Management</i> , 2020, 273, 111126.	7.8	35
4	Spatiotemporal variation, ozone formation potential and health risk assessment of ambient air VOCs in an industrialized city in Iran. <i>Atmospheric Pollution Research</i> , 2019, 10, 556-563.	3.8	34
5	Electrochemically modified adsorbents for treatment of aqueous arsenic: Pore diffusion in modified biomass vs. biochar. <i>Chemical Engineering Journal</i> , 2021, 423, 130061.	12.7	34
6	Diversity of bacteria in a full-scale petrochemical wastewater treatment plant experiencing stable hydrocarbon removal. <i>Journal of Water Process Engineering</i> , 2018, 23, 285-291.	5.6	28
7	Performance and kinetic modeling of an aerated submerged fixed-film bioreactor for BOD and nitrogen removal from municipal wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 6154-6164.	6.7	28
8	Prediction of emulsification behaviour of pea and faba bean protein concentrates and isolates from structureâ€“functionality analysis. <i>RSC Advances</i> , 2021, 11, 12117-12135.	3.6	26
9	Selenium removal from water using adsorbents: A critical review. <i>Journal of Hazardous Materials</i> , 2022, 424, 127603.	12.4	25
10	Process performance and multi-kinetic modeling of a membrane bioreactor treating actual oil refinery wastewater. <i>Journal of Water Process Engineering</i> , 2019, 28, 115-122.	5.6	24
11	A binary oxide-biochar composite for adsorption of arsenic from aqueous solutions: Combined microwave pyrolysis and electrochemical modification. <i>Chemical Engineering Journal</i> , 2022, 446, 137024.	12.7	21
12	Design of a sensitive air quality monitoring network using an integrated optimization approach. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 779-793.	4.0	20
13	Enhanced arsenate removal by Fe-impregnated canola straw: assessment of XANES solid-phase speciation, impacts of solution properties, sorption mechanisms, and evolutionary polynomial regression (EPR) models. <i>Environmental Science and Pollution Research</i> , 2021, 28, 12659-12676.	5.3	17
14	A novel method for fabrication of a binary oxide biochar composite for oxidative adsorption of arsenite: Characterization, adsorption mechanism and mass transfer modeling. <i>Journal of Cleaner Production</i> , 2022, 356, 131832.	9.3	17
15	Integrating data reconciliation into material flow cost accounting: The case of a petrochemical wastewater treatment plant. <i>Journal of Cleaner Production</i> , 2019, 218, 616-628.	9.3	15
16	Water recovery and on-site reuse of laundry wastewater by a facile and cost-effective system: Combined biological and advanced oxidation process. <i>Science of the Total Environment</i> , 2021, 789, 148068.	8.0	14
17	Optimization of conjugated linoleic acid production by <i>Bifidobacterium animalis</i> subsp. <i>Lactis</i> and its application in fermented milk. <i>LWT - Food Science and Technology</i> , 2019, 108, 344-352.	5.2	13
18	A systematic approach for selecting an optimal strategy for controlling VOCs emissions in a petrochemical wastewater treatment plant. <i>Stochastic Environmental Research and Risk Assessment</i> , 2019, 33, 13-29.	4.0	13

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19	Comparing the efficacy of various methods for sulfate radical generation for antibiotics degradation in synthetic wastewater: degradation mechanism, kinetics study, and toxicity assessment. RSC Advances, 2022, 12, 14945-14956.	3.6	11
20	Air pollution-related asthma profiles among children/adolescents: A multi-group latent class analysis. Ecotoxicology and Environmental Safety, 2021, 219, 112344.	6.0	10
21	The implementation of data reconciliation for evaluating a full-scale petrochemical wastewater treatment plant. Environmental Science and Pollution Research, 2016, 23, 22586-22595.	5.3	7
22	Correlation of ambient particulate matters (PM ₁₀ , PM _{2.5}) with respiratory hospital admissions: a case-crossover study in Urmia, Iran. Human and Ecological Risk Assessment (HERA), 2021, 27, 2184-2201.	3.4	5
23	Sulfur dioxide emissions in Iran and environmental impacts of sulfur recovery plant in Tabriz Oil Refinery. Environmental Health Engineering and Management, 2018, 5, 159-166.	0.7	5
24	Comparative study on fungal communities of full scale municipal and industrial wastewater treatment plants. , 0, 131, 123-131.		2