

Khaled Zoroufchi Benis

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

527
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623734

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24
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Selenium removal from water using adsorbents: A critical review. <i>Journal of Hazardous Materials</i> , 2022, 424, 127603.	12.4	25
2	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
3	Comparing the efficacy of various methods for sulfate radical generation for antibiotics degradation in synthetic wastewater: degradation mechanism, kinetics study, and toxicity assessment. <i>RSC Advances</i> , 2022, 12, 14945-14956.	3.6	11
4	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
5	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
6	Air pollution-related asthma profiles among children/adolescents: A multi-group latent class analysis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 219, 112344.	6.0	10
7	Correlation of ambient particulate matters (PM ₁₀ , PM _{2.5}) with respiratory hospital admissions: a case-crossover study in Urmia, Iran. <i>Human and Ecological Risk Assessment (HERA)</i> , 2021, 27, 2184-2201.	3.4	5
8	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
9	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
10	Prediction of emulsification behaviour of pea and faba bean protein concentrates and isolates from structure-functionality analysis. <i>RSC Advances</i> , 2021, 11, 12117-12135.	3.6	26
11	Treatment of aqueous arsenic – A review of biosorbent preparation methods. <i>Journal of Environmental Management</i> , 2020, 273, 111126.	7.8	35
12	Treatment of aqueous arsenic – A review of biochar modification methods. <i>Science of the Total Environment</i> , 2020, 739, 139750.	8.0	81
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	Sulfur dioxide emissions in Iran and environmental impacts of sulfur recovery plant in Tabriz Oil Refinery. <i>Environmental Health Engineering and Management</i> , 2018, 5, 159-166.	0.7	5
21	The implementation of data reconciliation for evaluating a full-scale petrochemical wastewater treatment plant. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22586-22595.	5.3	7
22	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
23	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
24	Comparative study on fungal communities of full scale municipal and industrial wastewater treatment plants. , 0, 131, 123-131.		2