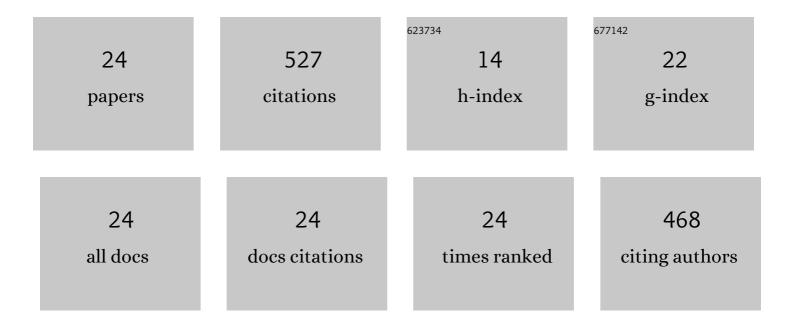
Khaled Zoroufchi Benis

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Selenium removal from water using adsorbents: A critical review. Journal of Hazardous Materials, 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. Journal of Cleaner Production, 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. RSC Advances, 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. Chemical Engineering Journal, 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. Environmental Science and Pollution Research, 2021, 28, 12659-12676.	5.3	17
6	Air pollution-related asthma profiles among children/adolescents: A multi-group latent class analysis. Ecotoxicology and Environmental Safety, 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. Human and Ecological Risk Assessment (HERA), 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. Science of the Total Environment, 2021, 789, 148068.	8.0	14
9	Electrochemically modified adsorbents for treatment of aqueous arsenic: Pore diffusion in modified biomass vs. biochar. Chemical Engineering Journal, 2021, 423, 130061.	12.7	34
10	Prediction of emulsification behaviour of pea and faba bean protein concentrates and isolates from structure–functionality analysis. RSC Advances, 2021, 11, 12117-12135.	3.6	26
11	Treatment of aqueous arsenic – A review of biosorbent preparation methods. Journal of Environmental Management, 2020, 273, 111126.	7.8	35
12	Treatment of aqueous arsenic – A review of biochar modification methods. Science of the Total Environment, 2020, 739, 139750.	8.0	81
13	Process performance and multi-kinetic modeling of a membrane bioreactor treating actual oil refinery wastewater. Journal of Water Process Engineering, 2019, 28, 115-122.	5.6	24
14	Integrating data reconciliation into material flow cost accounting: TheÂcase of a petrochemical wastewater treatment plant. Journal of Cleaner Production, 2019, 218, 616-628.	9.3	15
15	Optimization of conjugated linoleic acid production by Bifidobacterium animalis subsp. Lactis and its application in fermented milk. LWT - Food Science and Technology, 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. Atmospheric Pollution Research, 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. Stochastic Environmental Research and Risk Assessment, 2019, 33, 13-29.	4.0	13
18	Diversity of bacteria in a full-scale petrochemical wastewater treatment plant experiencing stable hydrocarbon removal. Journal of Water Process Engineering, 2018, 23, 285-291.	5.6	28

#	Article	IF	CITATIONS
19	Performance and kinetic modeling of an aerated submerged fixed-film bioreactor for BOD and nitrogen removal from municipal wastewater. Journal of Environmental Chemical Engineering, 2018, 6, 6154-6164.	6.7	28
20	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
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	Design of a sensitive air quality monitoring network using an integrated optimization approach. Stochastic Environmental Research and Risk Assessment, 2016, 30, 779-793.	4.0	20
23	Optimization of the nanocellulose based cryoprotective medium to enhance the viability of freeze dried Lactobacillus plantarum using response surface methodology. LWT - Food Science and Technology, 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