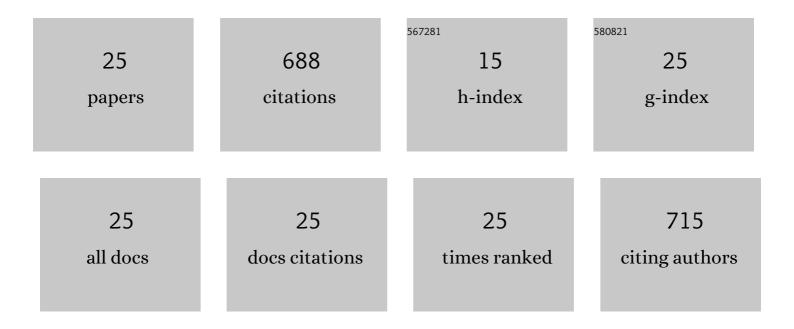
Adel Al-Gheethi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Adsorption of ammonium from wastewater treatment plant effluents onto the zeolite; A plug-flow column, optimisation, dynamic and isotherms studies. International Journal of Environmental Analytical Chemistry, 2022, 102, 8445-8466.	3.3	3
2	Inactivation of fungal spores from clinical environment by silver bio-nanoparticles; optimization, artificial neural network model and mechanism. Environmental Research, 2022, 204, 111926.	7.5	7
3	Sustainable approaches for nickel removal from wastewater using bacterial biomass and nanocomposite adsorbents: A review. Chemosphere, 2022, 291, 132862.	8.2	8
4	Nutrients elimination from meat processing wastewater using Scenedesmus sp.; optimizations; artificial neural network and kinetics models. Environmental Technology and Innovation, 2022, 26, 102535.	6.1	2
5	Metronidazole photocatalytic degradation by zinc oxide nanoparticles synthesized in watermelon peel extract; Advanced optimization, simulation and numerical models using machine learning applications. Environmental Research, 2022, 212, 113537.	7.5	11
6	Meat processing wastewater Phycoremediation by <i>Botryococcus</i> sp.: a biokinetic study and a techno-economic analysis. Separation Science and Technology, 2021, 56, 577-591.	2.5	16
7	Adsorption of heavy metals from mining effluents using honeydew peels activated carbon; isotherm, kinetic and column studies. Journal of Dispersion Science and Technology, 2021, 42, 715-729.	2.4	10
8	Potential of cassava peels as a sustainable coagulant aid for institutional wastewater treatment: Characterisation, optimisation and techno-economic analysis. Chemical Engineering Journal, 2021, 420, 127642.	12.7	27
9	Influence of Nitrogen and Phosphorus on Microalgal Growth, Biomass, Lipid, and Fatty Acid Production: An Overview. Cells, 2021, 10, 393.	4.1	189
10	Optimizing of Microalgae Scenedesmus sp. Biomass Production in Wet Market Wastewater Using Response Surface Methodology. Sustainability, 2021, 13, 2216.	3.2	11
11	Sustainable approaches for removal of cephalexin antibiotic from non-clinical environments: A critical review. Journal of Hazardous Materials, 2021, 417, 126040.	12.4	24
12	Quantitative microbiological risk assessment of complex microbial community in Prawn farm wastewater and applicability of nanoparticles and probiotics for eliminating of antibiotic-resistant bacteria. Journal of Hazardous Materials, 2021, 419, 126418.	12.4	16
13	Bio-inspired ZnO NPs synthesized from Citrus sinensis peels extract for Congo red removal from textile wastewater via photocatalysis: Optimization, mechanisms, techno-economic analysis. Chemosphere, 2021, 281, 130661.	8.2	51
14	Cephalexin removal by a novel Cu–Zn bionanocomposite biosynthesized in secondary metabolic products of Aspergillus arenarioides EAN603 with pumpkin peels medium: Optimization, kinetic and artificial neural network models. Journal of Hazardous Materials, 2021, 419, 126500.	12.4	11
15	Removal of heavy metals from mining effluents in tile and electroplating industries using honeydew peel activated carbon: AÂmicrostructure and techno-economic analysis. Journal of Cleaner Production, 2020, 251, 119738.	9.3	64
16	Disinfection Methods and Survival of SARS-CoV-2 in the Environment and Contaminated Materials: A Bibliometric Analysis. Sustainability, 2020, 12, 7378.	3.2	13
17	Removal of Basic Brown 16 from Aqueous Solution Using Durian Shell Adsorbent, Optimisation and Techno-Economic Analysis. Sustainability, 2020, 12, 8928.	3.2	26
18	Photodegradation of basic red 51 in hair dye greywater by zinc oxide nanoparticles using central composite design. Reaction Kinetics, Mechanisms and Catalysis, 2020, 130, 567-588.	1.7	16

#	ARTICLE	IF	CITATIONS
19	Inactivating pathogenic bacteria in greywater by biosynthesized Cu/Zn nanoparticles from secondary metabolite of Aspergillus iizukae; optimization, mechanism and techno economic analysis. PLoS ONE, 2019, 14, e0221522.	2.5	22
20	Optimising of Scenedesmus sp. biomass production in chicken slaughterhouse wastewater using response surface methodology and potential utilisation as fish feeds. Environmental Science and Pollution Research, 2019, 26, 12089-12108.	5.3	17
21	Microalgal biomass production through phycoremediation of fresh market wastewater and potential applications as aquaculture feeds. Environmental Science and Pollution Research, 2019, 26, 3226-3242.	5.3	34
22	Optimizing of pharmaceutical active compounds biodegradability in secondary effluents by β-lactamase from Bacillus subtilis using central composite design. Journal of Hazardous Materials, 2019, 365, 883-894.	12.4	28
23	Scenedesmus Biomass Productivity and Nutrient Removal from Wet Market Wastewater, A Bio-kinetic Study. Waste and Biomass Valorization, 2019, 10, 2783-2800.	3.4	35
24	Optimization of ceramic waste filter for bathroom greywater treatment using central composite design (CCD). Journal of Environmental Chemical Engineering, 2018, 6, 1578-1588.	6.7	30
25	Supercritical Fluid CO ₂ Technique for Destruction of Pathogenic Fungal Spores in Solid Clinical Wastes, Clean - Soil, Air, Water, 2016, 44, 1700-1708	1.1	17