

# Yousef Dadban Shahamat

## List of Publications by Year in descending order

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28  
papers

536  
citations

687335

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642715

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28  
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times ranked

726  
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation of metronidazole in aqueous solution by nano-ZnO/UV photocatalytic process. <i>Desalination and Water Treatment</i> , 2014, 52, 4947-4952.	1.0	72
2	Magnetic heterogeneous catalytic ozonation: a new removal method for phenol in industrial wastewater. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2014, 12, 50.	3.0	57
3	Removal of metronidazole from wastewater by Fe/charcoal micro electrolysis fluidized bed reactor. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103457.	6.7	57
4	Photocatalytic degradation and mineralization of diazinon in aqueous solution using nano-TiO <sub>2</sub> (Degussa, P25): kinetic and statistical analysis. <i>Desalination and Water Treatment</i> , 2015, 55, 555-563.	1.0	46
5	Purification of diazinon pesticide by sequencing batch moving-bed biofilm reactor after ozonation/Mg-Al layered double hydroxides pre-treated effluent. <i>Separation and Purification Technology</i> , 2020, 242, 116754.	7.9	30
6	Heterogeneous catalytic ozonation by Nano-MgO is better than sole ozonation for metronidazole degradation, toxicity reduction, and biodegradability improvement. <i>Desalination and Water Treatment</i> , 2016, 57, 16435-16444.	1.0	29
7	Catalytic degradation of diclofenac from aqueous solutions using peroxydisulfate activated by magnetic MWCNTs-CoFe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>RSC Advances</i> , 2019, 9, 16496-16508.	3.6	27
8	Electrochemical Process for Diazinon Removal from Aqueous Media: Design of Experiments, Optimization, and DLLME-GC-FID Method for Diazinon Determination. <i>Arabian Journal for Science and Engineering</i> , 2015, 40, 3041-3046.	1.1	23
9	Multi-walled carbon nanotubes@CoFe <sub>2</sub> O <sub>4</sub> nanoparticles as a reusable novel peroxydisulfate activator for degradation of Reactive Black 5. <i>Water Environment Research</i> , 2020, 92, 969-974.	2.7	21
10	Heterogeneous catalytic ozonation of 2, 4-dinitrophenol in aqueous solution by magnetic carbonaceous nanocomposite: catalytic activity and mechanism. <i>Desalination and Water Treatment</i> , 2016, 57, 20447-20456.	1.0	19
11	Rapid and high purification of olive mill wastewater (OMV) with the combination electrocoagulation-catalytic sonoperoxone processes. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 97, 47-53.	5.3	17
12	Catalytic Ozonation of Phenolic Wastewater: Identification and Toxicity of Intermediates. <i>Journal of Engineering (United States)</i> , 2014, 2014, 1-10.	1.0	16
13	Rapid decolorization and mineralization of molasses by catalytic ozonation process with a nanocomposite from fermentation industry wastewater. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 1941-1948.	3.5	14
14	The epidemiology of cutaneous leishmaniasis in Golestan Province, Iran: A cross-sectional study of 8-years. <i>Parasite Epidemiology and Control</i> , 2019, 5, e00099.	1.8	14
15	Competition between chalcogen bond and halogen bond interactions in YOX <sub>4</sub> :NH <sub>3</sub> (Y=As, Se; X=F, Cl, Br) complexes: An ab initio investigation. <i>Structural Chemistry</i> , 2016, 27, 1439-1447.	2.0	12
16	Patterns, Beliefs, Norms and Perceived Harms of Hookah Smoking in North Iran. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017, 18, 823-830.	1.2	11
17	Preparation and photocatalytic performance of reduced graphene oxide/ ZnO nanocatalyst for degradation of metalaxyl from aqueous solution: effect of operational parameters, mineralisation and toxicity bioassay. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 7112-7134.	3.3	10
18	Data on wastewater treatment plant by using wetland method, Babol, Iran. <i>Data in Brief</i> , 2018, 16, 1056-1061.	1.0	9

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19	Synthesis and characterization of nanoparticles and composites as bactericides. Journal of Microbiological Methods, 2019, 167, 105736.	1.6	9
20	Influence of bioaugmentation on biodegradation of phenanthrene-contaminated soil by earthworm in lab scale. Journal of Environmental Health Science & Engineering, 2014, 12, 150.	3.0	8
21	Optimisation of COD removal from the olive oil mill wastewater by combined electrocoagulation and peroxone process: modelling and determination of kinetic coefficients. International Journal of Environmental Analytical Chemistry, 2023, 103, 5282-5295.	3.3	8
22	Aniline degradation from aqueous solution using electro/Fe <sup>2+</sup> /peroxydisulfate process. , 0, 80, 337-343.		7
23	Novel catalytic degradation of Diazinon with ozonation/mg-Al layered double hydroxides: optimization, modeling, and dispersive liquid-liquid microextraction. Journal of Environmental Health Science & Engineering, 2021, 19, 1299-1311.	3.0	5
24	Discoloration and mineralization of a textile azo dye using a hybrid UV/O <sub>3</sub> /SBR process. Applied Water Science, 2021, 11, 1.	5.6	5
25	Application of heterogeneous catalytic ozonation process for treatment of high toxic effluent from a pesticide manufacturing plant. Environmental Health Engineering and Management, 2020, 7, 79-88.	0.7	4
26	The mutual influence of Y <sup>+</sup> -N and H <sup>+</sup> -H interactions in XHY <sup>+</sup> -NCH <sup>+</sup> -HM complexes (X = F, Cl, Br; Y = S, Se; Tj ETQqO O O r) of Chemistry, 2016, 94, 567-573.	1.1	3
27	A comparative study on the performance of photo/sono/peroxone processes for the removal and mineralization of reactive dye red 198 from aquatic environments. Zeitschrift Fur Physikalische Chemie, 2022, 236, 131-153.	2.8	2
28	Description of BTEX concentrations with wind roses in Tehran city: the study of monitoring, GIS-zoning maps and risk assessment. Human and Ecological Risk Assessment (HERA), 2021, 27, 2311-2327.	3.4	1