

Henry Z̃°ã±iga-Benã-tez

List of Publications by Year in descending order

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20
papers

301
citations

840119

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docs citations

20
times ranked

416
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterogeneous photocatalytic degradation of the endocrine-disrupting chemical Benzophenone-3: Parameters optimization and by-products identification. <i>Journal of Environmental Management</i> , 2016, 167, 246-258.	3.8	47
2	Application of solar photo-Fenton for benzophenone-type UV filters removal. <i>Journal of Environmental Management</i> , 2018, 217, 929-938.	3.8	30
3	Use of simulated sunlight radiation and hydrogen peroxide in azithromycin removal from aqueous solutions: Optimization & mineralization analysis. <i>Emerging Contaminants</i> , 2020, 6, 53-61.	2.2	27
4	Photodegradation of the endocrine-disrupting chemicals benzophenone-3 and methylparaben using Fenton reagent: Optimization of factors and mineralization/biodegradability studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 59, 380-388.	2.7	26
5	Photocatalytic Removal of the Antibiotic Cefotaxime on TiO ₂ and ZnO Suspensions Under Simulated Sunlight Radiation. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	26
6	Methylparaben removal using heterogeneous photocatalysis: effect of operational parameters and mineralization/biodegradability studies. <i>Environmental Science and Pollution Research</i> , 2017, 24, 6022-6030.	2.7	22
7	Removal of a mix of benzophenones and parabens using solar photo-Fenton and a cylinder parabolic collector in aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 7347-7357.	3.3	19
8	Removal of herbicide 2,4-D using constructed wetlands at pilot scale. <i>Emerging Contaminants</i> , 2019, 5, 303-307.	2.2	16
9	Degradation of ethylparaben under simulated sunlight using photo-Fenton. <i>Water Science and Technology</i> , 2016, 73, 818-826.	1.2	14
10	Solar lab and pilot scale photo-oxidation of ethylparaben using H ₂ O ₂ and TiO ₂ in aqueous solutions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 337, 62-70.	2.0	13
11	Comparative Degradation of Alachlor Using Photocatalysis and Photo-Fenton. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	12
12	Elimination of cephalexin and doxycycline under low frequency ultrasound. <i>Ultrasonics Sonochemistry</i> , 2021, 79, 105777.	3.8	12
13	Ultrasonic degradation of 1-H-benzotriazole in water. <i>Water Science and Technology</i> , 2014, 70, 152-159.	1.2	9
14	Use of low frequency ultrasound for water treatment: Data on azithromycin removal. <i>Data in Brief</i> , 2020, 31, 105947.	0.5	7
15	Benzophenone-3 Removal Using Heterogeneous Photocatalysis at Pilot Scale. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	5
16	Experimental data on antibiotic cephalexin removal using hydrogen peroxide and simulated sunlight radiation at lab scale: Effects of pH and H ₂ O ₂ . <i>Data in Brief</i> , 2020, 30, 105437.	0.5	5
17	Photo-assisted removal of doxycycline using H ₂ O ₂ and simulated sunlight: Operational parameters optimization and ecotoxicity assessment. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 425, 113697.	2.0	4
18	Cephalexin removal by persulfate activation using simulated sunlight and ferrous ions. <i>Water Science and Technology</i> , 2022, 85, 52-62.	1.2	4

#	ARTICLE	IF	CITATIONS
19	Solar-Induced Removal of Benzophenones Using TiO ₂ Heterogeneous Photocatalysis at Lab and Pilot Scale. Topics in Catalysis, 2020, 63, 976-984.	1.3	3
20	Elimination of Benzophenone-1 in Water by High-Frequency Ultrasound. Water, Air, and Soil Pollution, 2021, 232, 1.	1.1	0