

Natalia Villota

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

358
citations

1305906

8
h-index

889612

19
g-index

19
all docs

19
docs citations

19
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes of dissolved oxygen in aqueous solutions of caffeine oxidized by photo-Fenton reagent. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 609-617.	1.2	5
2	Water Reuse Study from Urban WWTPs via c-Ultrafiltration and Ozonation Technologies: Basis for Resilient Cities and Agriculture. <i>Agronomy</i> , 2021, 11, 322.	1.3	4
3	Colour Changes during the Carbamazepine Oxidation by Photo-Fenton. <i>Catalysts</i> , 2021, 11, 386.	1.6	3
4	Turbidity Changes during Carbamazepine Oxidation by Photo-Fenton. <i>Catalysts</i> , 2021, 11, 894.	1.6	3
5	Kinetic modelling for concentration and toxicity changes during the oxidation of 4-chlorophenol by UV/H ₂ O ₂ . <i>Scientific Reports</i> , 2021, 11, 15726.	1.6	8
6	Application of a Combined Adsorption-Ozonation Process for Phenolic Wastewater Treatment in a Continuous Fixed-Bed Reactor. <i>Catalysts</i> , 2021, 11, 1014.	1.6	8
7	Removal of Aniline and Benzothiazole Wastewaters Using an Efficient MnO ₂ /GAC Catalyst in a Photocatalytic Fluidised Bed Reactor. <i>Materials</i> , 2021, 14, 5207.	1.3	2
8	Heterogeneous Catalytic Ozonation of Aniline-Contaminated Waters: A Three-Phase Modelling Approach Using TiO ₂ /GAC. <i>Water (Switzerland)</i> , 2020, 12, 3448.	1.2	9
9	Analysis of the effect of the operational conditions in a combined adsorption-ozonation process with granular activated carbon for the treatment of phenol wastewater. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 760-778.	1.9	8
10	Contaminants of Emerging Concern Removal in an Effluent of Wastewater Treatment Plant under Biological and Continuous Mode Ultrafiltration Treatment. <i>Sustainability</i> , 2020, 12, 725.	1.6	22
11	Analysis of a Hybrid Suspended-Supported Photocatalytic Reactor for the Treatment of Wastewater Containing Benzothiazole and Aniline. <i>Water (Switzerland)</i> , 2019, 11, 337.	1.2	20
12	Kinetic modelling of water-color changes in a photo-Fenton system applied to oxidate paracetamol. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 356, 573-579.	2.0	10
13	Effect of ultrasonic waves on the water turbidity during the oxidation of phenol. Formation of (hydro)peroxo complexes. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 439-445.	3.8	14
14	Study of the paracetamol degradation pathway that generates color and turbidity in oxidized wastewaters by photo-Fenton technology. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 329, 113-119.	2.0	43
15	The role of iron species on the turbidity of oxidized phenol solutions in a photo-Fenton system. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 1855-1863.	1.2	4
16	Kinetic Modelling of Photoconversion of Phenol by a Photo-Fenton Reagent and UV. <i>International Journal of Chemical Reactor Engineering</i> , 2014, 12, 405-416.	0.6	3
17	Changes of turbidity during the phenol oxidation by photo-Fenton treatment. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12208-12216.	2.7	11
18	Kinetic Modelling of Toxic Compounds Generated during Phenol Elimination in Wastewaters. <i>International Journal of Chemical Reactor Engineering</i> , 2007, 5, .	0.6	3

#	ARTICLE	IF	CITATIONS
19	Changes in Solution Color During Phenol Oxidation by Fenton Reagent. Environmental Science & Technology, 2006, 40, 5538-5543.	4.6	178