

Natalia Villota

List of Publications by Year in descending order

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papers

358
citations

1163065
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all docs

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docs citations

19
times ranked

477
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes of dissolved oxygen in aqueous solutions of caffeine oxidized by photo-Fenton reagent. Environmental Technology (United Kingdom), 2021, 42, 609-617.	2.2	5
2	Water Reuse Study from Urban WWTPs via c-Ultrafiltration and Ozonation Technologies: Basis for Resilient Cities and Agriculture. Agronomy, 2021, 11, 322.	3.0	4
3	Colour Changes during the Carbamazepine Oxidation by Photo-Fenton. Catalysts, 2021, 11, 386.	3.5	3
4	Turbidity Changes during Carbamazepine Oxidation by Photo-Fenton. Catalysts, 2021, 11, 894.	3.5	3
5	Kinetic modelling for concentration and toxicity changes during the oxidation of 4-chlorophenol by UV/H ₂ O ₂ . Scientific Reports, 2021, 11, 15726.	3.3	8
6	Application of a Combined Adsorption~Ozonation Process for Phenolic Wastewater Treatment in a Continuous Fixed-Bed Reactor. Catalysts, 2021, 11, 1014.	3.5	8
7	Removal of Aniline and Benzothiazole Wastewaters Using an Efficient MnO ₂ /GAC Catalyst in a Photocatalytic Fluidised Bed Reactor. Materials, 2021, 14, 5207.	2.9	2
8	Heterogeneous Catalytic Ozonation of Aniline-Contaminated Waters: A Three-Phase Modelling Approach Using TiO ₂ /GAC. Water (Switzerland), 2020, 12, 3448.	2.7	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. Reaction Chemistry and Engineering, 2020, 5, 760-778.	3.7	8
10	Contaminants of Emerging Concern Removal in an Effluent of Wastewater Treatment Plant under Biological and Continuous Mode Ultrafiltration Treatment. Sustainability, 2020, 12, 725.	3.2	22
11	Analysis of a Hybrid Suspended-Supported Photocatalytic Reactor for the Treatment of Wastewater Containing Benzothiazole and Aniline. Water (Switzerland), 2019, 11, 337.	2.7	20
12	Kinetic modelling of water-color changes in a photo-Fenton system applied to oxidate paracetamol. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 356, 573-579.	3.9	10
13	Effect of ultrasonic waves on the water turbidity during the oxidation of phenol. Formation of (hydro)peroxo complexes. Ultrasonics Sonochemistry, 2017, 39, 439-445.	8.2	14
14	Study of the paracetamol degradation pathway that generates color and turbidity in oxidized wastewaters by photo-Fenton technology. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 329, 113-119.	3.9	43
15	The role of iron species on the turbidity of oxidized phenol solutions in a photo-Fenton system. Environmental Technology (United Kingdom), 2015, 36, 1855-1863.	2.2	4
16	Kinetic Modelling of Photoconversion of Phenol by a Photo-Fenton Reagent and UV. International Journal of Chemical Reactor Engineering, 2014, 12, 405-416.	1.1	3
17	Changes of turbidity during the phenol oxidation by photo-Fenton treatment. Environmental Science and Pollution Research, 2014, 21, 12208-12216.	5.3	11
18	Kinetic Modelling of Toxic Compounds Generated during Phenol Elimination in Wastewaters. International Journal of Chemical Reactor Engineering, 2007, 5, .	1.1	3

#	ARTICLE	IF	CITATIONS
19	Changes in Solution Color During Phenol Oxidation by Fenton Reagent. Environmental Science & Technology, 2006, 40, 5538-5543.	10.0	178