Julia L RodrÃ-guez S

List of Publications by Year
in descending order

26 papers	437 citations	759233 12 h-index	713466 21 g-index
26 all docs	26 docs citations	26 times ranked	673 citing authors

#	Article	IF	Citations
1	Reactivity of NiO for 2,4-D degradation with ozone: XPS studies. Journal of Hazardous Materials, 2013, 262, 472-481.	12.4	73
2	Photocatalytic degradation of gallic acid over CuOâ€“TiO2 composites under UV/Vis LEDs irradiation. Applied Catalysis A: General, 2016, 521, 140-148.	4.3	73
3	Surface interactions and mechanistic studies of 2,4-dichlorophenoxyacetic acid degradation by catalytic ozonation in presence of Ni/TiO2. Chemical Engineering Journal, 2013, 222, 426-434.	12.7	53
4	Photodeposition of Ni nanoparticles on TiO2 and their application in the catalytic ozonation of 2,4-dichlorophenoxyacetic acid. Journal of Molecular Catalysis A, 2012, 353-354, 29-36.	4.8	24
5	High performance of Ag/BiVO4 photocatalyst for 2,4-Dichlorophenoxyacetic acid degradation under visible light. Applied Catalysis A: General, 2020, 600, 117625.	4.3	23
6	Sequential Treatment of Tequila Industry Vinasses by Biopolymer-based Coagulation/Flocculation and Catalytic Ozonation. Ozone: Science and Engineering, 2016, 38, 279-290.	2.5	21
7	Efficient mineralization of benzoic and phthalic acids in water by catalytic ozonation using a nickel oxide catalyst. New Journal of Chemistry, 2015, 39, 7839-7848.	2.8	18
8	Synthesis of nickel oxide nanoparticles supported on SiO2 by sensitized liquid phase photodeposition for applications in catalytic ozonation. Journal of Molecular Catalysis A, 2014, 392, 39-49.	4.8	16
9	Catalytic ozonation of 4-chlorophenol and 4-phenolsulfonic acid by CeO2 films. Catalysis Communications, 2020, 133, 105827.	3.3	15
10	Effect of the type of soil on dimethyl phthalate degradation by ozone. Journal of Environmental Management, 2020, 270, 110863.	7.8	14
11	Improving ozonation to remove carbamazepine through ozone-assisted catalysis using different NiO concentrations. Environmental Science and Pollution Research, 2020, 27, 22184-22194.	5.3	14
12	Photocatalytic ozonation of terephthalic acid: a by-product-oriented decomposition study. Environmental Science and Pollution Research, 2014, 21, 12241-12248.	5.3	13
13	Naphthalene degradation by catalytic ozonation based on nickel oxide: study of the ethanol as cosolvent. Environmental Science and Pollution Research, 2017, 24, 25550-25560.	5.3	13
14	Inhibition effect of ethanol in naproxen degradation by catalytic ozonation with NiO. RSC Advances, 2019, 9, 14822-14833.	3.6	12
15	Pulse-Plating Electrodeposition of Metallic Bi in an Organic-Free Aqueous Electrolyte and Its Conversion into BiVO₄ To Improve Photoelectrochemical Activity toward Pollutant Degradation under Visible Light. Journal of Physical Chemistry C, 2020, 124, 1421-1428.	3.1	10
16	Catalytic effect of Î³-Al(OH)3, Î±-FeOOH, and Î±-Fe2O3 on the ozonation-based decomposition of diethyl phthalate adsorbed on sand and soil. Environmental Science and Pollution Research, 2021, 28, 974-981.	5.3	8
17	A comparative study of alumina-supported Ni catalysts prepared by photodeposition and impregnation methods on the catalytic ozonation of 2,4-dichlorophenoxyacetic acid. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	7
18	Catalytic Ozonation as a Promising Technology for Application in Water Treatment: Advantages and Constraints. , 0, , .		5

#	Article	IF	Citations
19	Enhanced Naproxen Elimination in Water by Catalytic Ozonation Based on NiO Films. Catalysts, 2020, 10, 884.	3.5	5
20	Ozonation of polynuclear aromatic hydrocarbons in combination with activated carbon in the presence of methanol. Chemical Engineering Communications, 2018, 205, 1678-1690.	2.6	4
21	Recycling strategy for water contaminated with Reactive Black 5 in the presence of additives treated by simple ozonation. Ozone: Science and Engineering, 2019, 41, 46-59.	2.5	4
22	Terephthalic acid decomposition by photocatalytic ozonation with V_xO_y/ZnO under different UV-A LEDs distributions. Chemical Engineering Communications, 2020, 207, 263-277.	2.6	4
23	Effect of sulphate and Chloride Ions on the Oxidation of Phenolic Compounds by Ozonation Catalyzed with CeO₂. Ozone: Science and Engineering, 2021, 43, 592-605.	2.5	4
24	Photocatalytic Deposition of Nickel Nanoparticles on Titanium Dioxide. Materials Research Society Symposia Proceedings, 2010, 1279, 1.	0.1	3
25	Simultaneous ethylbenzene decomposition by ozone in a liquidâ€“solidâ€“gas three-phase system. Environmental Technology and Innovation, 2022, 28, 102788.	6.1	1
26	Experimental Validation of the Mathematical Model of the Dimethyl Phthalate Degradation by Ozone in the Solid Phase. Industrial & Engineering Chemistry Research, 2020, 59, 16136-16145.	3.7	0