

Carla A Orge

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

891
citations

516561

16
h-index

477173

29
g-index

30
all docs

30
docs citations

30
times ranked

1172
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast mineralization and detoxification of amoxicillin and diclofenac by photocatalytic ozonation and application to an urban wastewater. <i>Water Research</i> , 2015, 87, 87-96.	5.3	153
2	Ozonation of model organic compounds catalysed by nanostructured cerium oxides. <i>Applied Catalysis B: Environmental</i> , 2011, 103, 190-199.	10.8	116
3	Ceria and cerium-based mixed oxides as ozonation catalysts. <i>Chemical Engineering Journal</i> , 2012, 200-202, 499-505.	6.6	74
4	Catalytic ozonation of organic pollutants in the presence of cerium oxide-carbon composites. <i>Applied Catalysis B: Environmental</i> , 2011, 102, 539-546.	10.8	65
5	Adsorption of dyes on carbon xerogels and templated carbons: influence of surface chemistry. <i>Adsorption</i> , 2011, 17, 431-441.	1.4	50
6	Photocatalytic ozonation of aniline with TiO ₂ -carbon composite materials. <i>Journal of Environmental Management</i> , 2017, 195, 208-215.	3.8	41
7	Sulfamethoxazole degradation by combination of advanced oxidation processes. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 4054-4060.	3.3	41
8	Photocatalytic-assisted ozone degradation of metolachlor aqueous solution. <i>Chemical Engineering Journal</i> , 2017, 318, 247-253.	6.6	37
9	Carbon xerogels and ceria-carbon xerogel materials as catalysts in the ozonation of organic pollutants. <i>Applied Catalysis B: Environmental</i> , 2012, 126, 22-28.	10.8	33
10	Composites of manganese oxide with carbon materials as catalysts for the ozonation of oxalic acid. <i>Journal of Hazardous Materials</i> , 2012, 213-214, 133-139.	6.5	30
11	Development of Novel Mesoporous Carbon Materials for the Catalytic Ozonation of Organic Pollutants. <i>Catalysis Letters</i> , 2009, 132, 1-9.	1.4	28
12	Lanthanum-based perovskites as catalysts for the ozonation of selected organic compounds. <i>Applied Catalysis B: Environmental</i> , 2013, 140-141, 426-432.	10.8	27
13	Photocatalytic ozonation of model aqueous solutions of oxalic and oxamic acids. <i>Applied Catalysis B: Environmental</i> , 2015, 174-175, 113-119.	10.8	25
14	Catalytic Advanced Oxidation Processes for Sulfamethoxazole Degradation. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2652.	1.3	24
15	Synthesis of TiO ₂ -Carbon Nanotubes through ball-milling method for mineralization of oxamic acid (OMA) by photocatalytic ozonation. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 5599-5607.	3.3	23
16	Removal of oxalic acid, oxamic acid and aniline by a combined photolysis and ozonation process. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 1075-1083.	1.2	22
17	Nanostructured Layers of Mechanically Processed Multiwalled Carbon Nanotubes for Catalytic Ozonation of Organic Pollutants. <i>ACS Applied Nano Materials</i> , 2020, 3, 5271-5284.	2.4	16
18	4-Nitrobenzaldehyde removal by catalytic ozonation in the presence of CNT. <i>Journal of Water Process Engineering</i> , 2020, 38, 101573.	2.6	13

#	ARTICLE	IF	CITATIONS
19	Nitrate Catalytic Reduction over Bimetallic Catalysts: Catalyst Optimization. <i>Journal of Carbon Research</i> , 2020, 6, 78.	1.4	11
20	Magnetic Nanoparticles for Photocatalytic Ozonation of Organic Pollutants. <i>Catalysts</i> , 2019, 9, 703.	1.6	10
21	Influence of organic matter formed during oxidative processes in the catalytic reduction of nitrate. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105545.	3.3	10
22	Metal-zeolite catalysts for the removal of pharmaceutical pollutants in water by catalytic ozonation. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106458.	3.3	8
23	Efficiency and stability of metal-free carbon nitride in the photocatalytic ozonation of oxamic acid under visible light. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104172.	3.3	7
24	Nano- and macro-structured cerium oxide “ Carbon nanotubes composites for the catalytic ozonation of organic pollutants in water. <i>Catalysis Today</i> , 2022, 384-386, 187-196.	2.2	7
25	O ₃ based advanced oxidation for ibuprofen degradation. <i>Chinese Journal of Chemical Engineering</i> , 2022, 42, 277-284.	1.7	7
26	Influence of preparation methods on the activity of macro-structured ball-milled MWCNT catalysts in the ozonation of organic pollutants. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104578.	3.3	6
27	Engineering of Nanostructured Carbon Catalyst Supports for the Continuous Reduction of Bromate in Drinking Water. <i>Journal of Carbon Research</i> , 2022, 8, 21.	1.4	3
28	Novel Heterogeneous Catalysts for Advanced Oxidation Processes (AOPs). <i>Catalysts</i> , 2022, 12, 498.	1.6	2
29	Synthesis of monometallic macrostructured catalysts for bromate reduction in a continuous catalytic system. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 3834-3849.	1.2	2
30	Bezafibrate removal by coupling ozonation and photocatalysis: effect of experimental conditions. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 17, 100610.	1.7	0