

Marta Gmurek

List of Publications by Year in descending order

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56
papers

1,892
citations

377584

21
h-index

299063

42
g-index

56
all docs

56
docs citations

56
times ranked

2538
citing authors

#	ARTICLE	IF	CITATIONS
1	Does light-based tertiary treatment prevent the spread of antibiotic resistance genes? Performance, regrowth and future direction. <i>Science of the Total Environment</i> , 2022, 817, 153001.	3.9	14
2	Editorial Catalysts: Special Issue on Recent Advances in TiO ₂ Photocatalysts. <i>Catalysts</i> , 2021, 11, 790.	1.6	3
3	Novel trends in AOPs for textile wastewater treatment. Enhanced dye by-products removal by catalytic and synergistic actions. <i>Water Resources and Industry</i> , 2021, 26, 100160.	1.9	67
4	Iron-based catalysts under solar and visible radiation for contaminants of emerging concern removal. <i>Energy Reports</i> , 2020, 6, 711-716.	2.5	5
5	Advanced oxidation processes for recalcitrant compounds removal comparison with biofiltration by <i>Corbicula fluminea</i> . <i>Energy Reports</i> , 2020, 6, 666-671.	2.5	11
6	Editorial: Advanced Processes for Wastewater Treatment and Water Reuse. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	1
7	Electrochemical oxidation of paraben compounds and the effects of byproducts on neuronal activity. <i>Energy Reports</i> , 2020, 6, 903-908.	2.5	10
8	Industrial Textile Wastewater Ozone Treatment: Catalyst Selection. <i>Catalysts</i> , 2020, 10, 611.	1.6	13
9	Catalytic ozonation of textile wastewater as a polishing step after industrial scale electrocoagulation. <i>Journal of Environmental Management</i> , 2020, 265, 110502.	3.8	42
10	Integration of advanced oxidation and membrane filtration for removal of micropollutants of emerging concern. <i>Chemical Engineering Research and Design</i> , 2019, 130, 67-76.	2.7	15
11	Solar Photocatalytic Degradation of Sulfamethoxazole by TiO ₂ Modified with Noble Metals. <i>Catalysts</i> , 2019, 9, 500.	1.6	31
12	TiO ₂ nanotube arrays-based reactor for photocatalytic oxidation of parabens mixtures in ultrapure water: Effects of photocatalyst properties, operational parameters and light source. <i>Science of the Total Environment</i> , 2019, 689, 79-89.	3.9	27
13	Heterogeneous Oxidation of Phenolic Compounds with Photosensitizing Catalysts Incorporated into Chitosan. <i>Catalysts</i> , 2019, 9, 891.	1.6	8
14	Brine Recycling from Industrial Textile Wastewater Treated by Ozone. By-Products Accumulation. Part 1: Multi Recycling Loop. <i>Water (Switzerland)</i> , 2019, 11, 460.	1.2	13
15	Effect of Different Radiation Sources and Noble Metal Doped onto TiO ₂ for Contaminants of Emerging Concern Removal. <i>Water (Switzerland)</i> , 2019, 11, 894.	1.2	9
16	Impact of Advanced Oxidation Products on Nanofiltration Efficiency. <i>Water (Switzerland)</i> , 2019, 11, 541.	1.2	4
17	Brine Recycling from Industrial Textile Wastewater Treated by Ozone. By-Products Accumulation. Part 2: Scaling-Up. <i>Water (Switzerland)</i> , 2019, 11, 233.	1.2	5
18	Impact of Hydrogen Peroxide on the UVC Photolysis of Diclofenac and Toxicity of the Phototransformation Products. <i>International Journal of Photoenergy</i> , 2019, 2019, 1-11.	1.4	10

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19	Comparison of radical-driven technologies applied for paraben mixture degradation: mechanism, biodegradability, toxicity and cost assessment. <i>Environmental Science and Pollution Research</i> , 2019, 26, 37174-37192.	2.7	20
20	Study of the influence of the matrix characteristics over the photocatalytic ozonation of parabens using Ag-TiO ₂ . <i>Science of the Total Environment</i> , 2019, 646, 1468-1477.	3.9	46
21	Ozone and Photocatalytic Processes for Pathogens Removal from Water: A Review. <i>Catalysts</i> , 2019, 9, 46.	1.6	61
22	Coupling of electrocoagulation and ozone treatment for textile wastewater reuse. <i>Chemical Engineering Journal</i> , 2019, 358, 992-1001.	6.6	171
23	The influence of process parameters on photocatalytic hydrogen production. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, 680-687.	1.3	11
24	The photosensitized oxidation of mixture of parabens in aqueous solution. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3009-3019.	2.7	11
25	Toxicity of aqueous mixture of phenol and chlorophenols upon photosensitized oxidation initiated by sunlight or vis-lamp. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34968-34975.	2.7	12
26	Comparison of Photocatalytic and Photosensitized Oxidation of Paraben Aqueous Solutions Under Sunlight. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 362.	1.1	15
27	Effect of Noble Metals (Ag, Pd, Pt) Loading over the Efficiency of TiO ₂ during Photocatalytic Ozonation on the Toxicity of Parabens. <i>ChemEngineering</i> , 2018, 2, 4.	1.0	34
28	Biofiltration using <i>C.Âfluminea</i> for E.coli removal from water: Comparison with ozonation and photocatalytic oxidation. <i>Chemosphere</i> , 2018, 208, 674-681.	4.2	18
29	Photochemical decomposition of endocrine disrupting compounds â€“ A review. <i>Chemical Engineering Journal</i> , 2017, 310, 437-456.	6.6	178
30	Photosensitive chitosan for visible-light water pollutant degradation. <i>Chemical Engineering Journal</i> , 2017, 318, 240-246.	6.6	20
31	Ozone-Based Technologies for Parabens Removal from Water: Toxicity Assessment. <i>Ozone: Science and Engineering</i> , 2017, 39, 233-243.	1.4	9
32	Decomposition of xenobiotics during visible light irradiation in the presence of immobilised photosensitisers: kinetics study. <i>Water Science and Technology</i> , 2017, 75, 69-74.	1.2	2
33	Removal efficiency of anionic surfactants from water during UVC photolysis and advanced oxidation process in H ₂ O ₂ /UVC system. <i>Archives of Environmental Protection</i> , 2017, 43, 20-26.	1.1	19
34	Textile wastewater treatment by AOPs for brine reuse. <i>Chemical Engineering Research and Design</i> , 2017, 109, 420-428.	2.7	83
35	Detoxification of parabens using UV-A enhanced by noble metalsâ€™TiO ₂ supported catalysts. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 3065-3074.	3.3	52
36	A new approach to heterogeneous kinetics of photosensitized oxidation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 341, 51-56.	2.0	3

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37	Noble metalâ€“TiO ₂ supported catalysts for the catalytic ozonation of parabens mixtures. <i>Chemical Engineering Research and Design</i> , 2017, 111, 148-159.	2.7	39
38	Photocatalytic ozonation using doped TiO ₂ catalysts for the removal of parabens in water. <i>Science of the Total Environment</i> , 2017, 609, 329-340.	3.9	78
39	Influence of ozonation and biodegradation on toxicity of industrial textile wastewater. <i>Journal of Environmental Management</i> , 2017, 195, 166-173.	3.8	93
40	Environmental preservation of emerging parabens contamination: effect of Ag and Pt loading over the catalytic efficiency of TiO ₂ during photocatalytic ozonation. <i>Energy Procedia</i> , 2017, 136, 270-276.	1.8	10
41	Modeling of Ozonation of Reactive Black 5 Through a Kinetic Approach. <i>Fibres and Textiles in Eastern Europe</i> , 2017, 25, 54-60.	0.2	7
42	AN EXPERIMENTAL STUDY OF THE PHOTOCATALYTIC HYDROGEN PRODUCTION IN THE LABORATORY-SCALE SET-UP DEPENDING ON THE PROCESS CONDITIONS. <i>WIT Transactions on Ecology and the Environment</i> , 2017, , .	0.0	0
43	Photodegradation of 2,4-Dichlorophenol in Aqueous Systems under Simulated and Natural Sunlight. <i>International Journal of Photoenergy</i> , 2016, 2016, 1-9.	1.4	5
44	Application of Fenton oxidation to reduce the toxicity of mixed parabens. <i>Water Science and Technology</i> , 2016, 74, 1867-1875.	1.2	27
45	Comparison between industrial and simulated textile wastewater treatment by AOPs â€“ Biodegradability, toxicity and cost assessment. <i>Chemical Engineering Journal</i> , 2016, 306, 550-559.	6.6	234
46	Application of Advanced Oxidation Technologies for Decolorization and Mineralization of Textile Wastewaters. <i>Journal of Advanced Oxidation Technologies</i> , 2015, 18, .	0.5	9
47	Photodegradation of single and mixture of parabens â€“ Kinetic, by-products identification and cost-efficiency analysis. <i>Chemical Engineering Journal</i> , 2015, 276, 303-314.	6.6	88
48	Influence of dissolved organic matter in natural and simulated water on the photochemical decomposition of butylparaben. <i>Journal of Environmental Health Science & Engineering</i> , 2015, 13, 28.	1.4	14
49	Phototransformation of sulfamethoxazole under simulated sunlight: Transformation products and their antibacterial activity toward <i>Vibrio fischeri</i> . <i>Science of the Total Environment</i> , 2015, 538, 58-63.	3.9	55
50	Application of photoactive electrospun nanofiber materials with immobilized meso-tetraphenylporphyrin for parabens photodegradation. <i>Catalysis Today</i> , 2015, 240, 160-167.	2.2	39
51	Kinetics of the photosensitized degradation of benzyl 4-hydroxybenzoate in homogeneous aqueous solution under visible-light irradiation. <i>Chemical Engineering Journal</i> , 2012, 210, 417-424.	6.6	18
52	2-Chlorophenol photooxidation using immobilized meso-tetraphenylporphyrin in polyurethane nanofabrics. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1422.	1.6	10
53	Photosensitized oxidation of a water pollutant using sulphonated porphyrin. <i>Chemical Papers</i> , 2012, 66, .	1.0	14
54	Comparison of two photosensitizers Al(III) phthalocyanine chloride tetrasulfonic acid and meso-tetrakis(4-sulfonatophenyl)porphyrin in the photooxidation of n-butylparaben. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 223, 50-56.	2.0	21

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55	Photodegradation and advanced oxidation of endocrine disruptors in aqueous solutions. <i>Catalysis Today</i> , 2010, 151, 125-130.	2.2	44
56	The aqueous photosensitized degradation of butylparaben. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 549-555.	1.6	34