

# Marta Pedrosa

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

814  
citations

840119

11  
h-index

996533

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic ozonation of urban wastewater and surface water using immobilized TiO <sub>2</sub> with LEDs: Micropollutants, antibiotic resistance genes and estrogenic activity. <i>Water Research</i> , 2016, 94, 10-22.	5.3	185
2	Ozonation and UV254nm radiation for the removal of microorganisms and antibiotic resistance genes from urban wastewater. <i>Journal of Hazardous Materials</i> , 2017, 323, 434-441.	6.5	179
3	Metal-free graphene-based catalytic membrane for degradation of organic contaminants by persulfate activation. <i>Chemical Engineering Journal</i> , 2019, 369, 223-232.	6.6	104
4	N/S-doped graphene derivatives and TiO <sub>2</sub> for catalytic ozonation and photocatalysis of water pollutants. <i>Chemical Engineering Journal</i> , 2018, 348, 888-897.	6.6	84
5	Nitrogen-doped reduced graphene oxide " PVDF nanocomposite membrane for persulfate activation and degradation of water organic micropollutants. <i>Chemical Engineering Journal</i> , 2020, 402, 126117.	6.6	59
6	Environmental friendly method for urban wastewater monitoring of micropollutants defined in the Directive 2013/39/EU and Decision 2015/495/EU. <i>Journal of Chromatography A</i> , 2015, 1418, 140-149.	1.8	52
7	Hummers's and Brodie's graphene oxides as photocatalysts for phenol degradation. <i>Journal of Colloid and Interface Science</i> , 2020, 567, 243-255.	5.0	49
8	Comparison of self-standing and supported graphene oxide membranes prepared by simple filtration: Gas and vapor separation, pore structure and stability. <i>Journal of Membrane Science</i> , 2017, 522, 303-315.	4.1	27
9	Visible-light-induced self-cleaning functional fabrics using graphene oxide/carbon nitride materials. <i>Applied Surface Science</i> , 2019, 497, 143757.	3.1	27
10	Graphene-based catalytic membranes for water treatment " A review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104930.	3.3	20
11	Comparison of the antibacterial activity of modified cotton with magainin I and LL-37 with potential as wound dressings. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	12
12	Development of flow injection potentiometric methods for the off-line and on-line determination of fluoride to monitor the biodegradation of a monofluorophenol in two bioreactors. <i>Talanta</i> , 2011, 84, 1291-1297.	2.9	10
13	Mild temperature-gas separation performance of graphene oxide membranes for extended period: micropore to meso- and macropore readjustments and the fate of membranes under the influence of dynamic graphene oxide changes. <i>Chemical Engineering Journal Advances</i> , 2021, 5, 100066.	2.4	3
14	Spirulina-based carbon bio-sorbent for the efficient removal of metoprolol, diclofenac and other micropollutants from wastewater. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2022, 18, 100720.	1.7	2
15	Two Surface Activation Strategies to Functionalize Cotton Fibers with Cys-LC-LL-37 Antibacterial Peptide. <i>AATCC Journal of Research</i> , 2014, 1, 27-33.	0.3	1