

Juliano Carvalho Cardoso

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,044
citations

567247

15
h-index

713444

21
g-index

23
all docs

23
docs citations

23
times ranked

1551
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficiency comparison of ozonation, photolysis, photocatalysis and photoelectrocatalysis methods in real textile wastewater decolorization. <i>Water Research</i> , 2016, 98, 39-46.	11.3	185
2	MOFs based on ZIF-8 deposited on TiO ₂ nanotubes increase the surface adsorption of CO ₂ and its photoelectrocatalytic reduction to alcohols in aqueous media. <i>Applied Catalysis B: Environmental</i> , 2018, 225, 563-573.	20.2	157
3	Enhanced photoelectrocatalytic degradation of an acid dye with boron-doped TiO ₂ nanotube anodes. <i>Catalysis Today</i> , 2015, 240, 100-106.	4.4	109
4	Bisphenol A removal from wastewater using self-organized TiO ₂ nanotubular array electrodes. <i>Chemosphere</i> , 2010, 78, 569-575.	8.2	108
5	Highly ordered TiO ₂ nanotube arrays and photoelectrocatalytic oxidation of aromatic amine. <i>Applied Catalysis B: Environmental</i> , 2010, 99, 96-102.	20.2	80
6	Fabrication of coaxial TiO ₂ /Sb ₂ S ₃ nanowire hybrids for efficient nanostructured organic-inorganic thin film photovoltaics. <i>Chemical Communications</i> , 2012, 48, 2818.	4.1	69
7	Combination of photoelectrocatalysis and ozonation: A novel and powerful approach applied in Acid Yellow 1 mineralization. <i>Applied Catalysis B: Environmental</i> , 2016, 180, 161-168.	20.2	53
8	Enhanced photoabsorption properties of composites of Ti/TiO ₂ nanotubes decorated by Sb ₂ S ₃ and improvement of degradation of hair dye. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 276, 96-103.	3.9	42
9	Assessment of several advanced oxidation processes applied in the treatment of environmental concern constituents from a real hair dye wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 2794-2802.	6.7	42
10	Contribution of thin films of ZrO ₂ on TiO ₂ nanotubes electrodes applied in the photoelectrocatalytic CO ₂ conversion. <i>Journal of CO₂ Utilization</i> , 2018, 25, 254-263.	6.8	29
11	Removal of sunscreen compounds from swimming pool water using self-organized TiO ₂ nanotubular array electrodes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 214, 257-263.	3.9	24
12	Bubble annular photoelectrocatalytic reactor with TiO ₂ nanotubes arrays applied in the textile wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 1177-1184.	6.7	21
13	An Artificial Photosynthesis System Based on Ti/TiO ₂ Coated with Cu(II) Aspirinate Complex for CO ₂ Reduction to Methanol. <i>Electrocatalysis</i> , 2017, 8, 279-287.	3.0	20
14	The effective role of ascorbic acid in the photoelectrocatalytic reduction of CO ₂ preconcentrated on TiO ₂ nanotubes modified by ZIF-8. <i>Journal of Electroanalytical Chemistry</i> , 2020, 856, 113384.	3.8	19
15	Simultaneous electrochemical determination of three sunscreens using cetyltrimethylammonium bromide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 63, 34-40.	5.0	16
16	Structural Effects of Nanotubes, Nanowires, and Nanoporous Ti/TiO ₂ Electrodes on Photoelectrocatalytic Oxidation of 4,4-Oxydianiline. <i>Separation Science and Technology</i> , 2010, 45, 1628-1636.	2.5	16
17	Determination of 4-methylbenzilidene camphor in sunscreen by square wave voltammetry in media of cationic surfactant. <i>Microchemical Journal</i> , 2007, 85, 301-307.	4.5	13
18	Influence of the surfactant bromide of cetyltrimethyl ammonium in the determination of chlorogenic acid in instant coffee and mate tea samples. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 73, 408-414.	5.0	13

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19	Preparation of FTO/CU ₂ O Electrode Protected by PEDOT:PSS and Its Better Performance in the Photoelectrocatalytic Reduction of CO ₂ to Methanol. <i>Electrocatalysis</i> , 2020, 11, 546-554.	3.0	13
20	Combination of Cu-Pt-Pd nanoparticles supported on graphene nanoribbons decorating the surface of TiO ₂ nanotube applied for CO ₂ photoelectrochemical reduction. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105803.	6.7	12
21	Nitrite Reduction Enhancement on Semiconducting Electrode Decorated with Copper(II) Aspirinate Complex. <i>Electrocatalysis</i> , 2016, 7, 486-494.	3.0	2
22	Electrochemistry: A Powerful Tool for Preparation of Semiconductor Materials for Decontamination of Organic and Inorganic Pollutants, Disinfection, and CO ₂ Reduction. , 2017, , 239-269.		1
23	Electrochemical Applications of Metal-Organic Frameworks: Overview, Challenges, and Perspectives. <i>ACS Symposium Series</i> , 0, , 395-453.	0.5	0