Martha Eugenia NiÃ±o-GÃ³mez

List of Publications by Year
in descending order

25	810	567281	580821
papers	citations	15	25
		h-index	g-index

26	26	26	1434
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sulfated titania [TiO2/SO42â˜]: A very active solid acid catalyst for the esterification of free fatty acids with ethanol. Applied Catalysis A: General, 2010, 379, 24-29.	4.3	183
2	Controlling the Phase Segregation in Mixed Halide Perovskites through Nanocrystal Size. ACS Energy Letters, 2019, 4, 54-62.	17.4	149
3	Sulfonic groups anchored on mesoporous carbon Starbons-300 and its use for the esterification of oleic acid. Fuel, 2012, 100, 128-138.	6.4	103
4	Evaluation of sulfated tin oxides in the esterification reaction of free fatty acids. Catalysis Today, 2011, 172, 34-40.	4.4	58
5	XPS fitting model proposed to the study of Ni and La in deactivated FCC catalysts. Journal of Electron Spectroscopy and Related Phenomena, 2019, 233, 5-10.	1.7	38
6	Photoelectrocatalytic phenol oxidation employing nitrogen doped TiO2-rGO films as photoanodes. Catalysis Today, 2020, 341, 96-103.	4.4	29
7	Photophysical and photocatalytic properties of Bi2MNbO7 (M=Al, In, Ga, Fe) thin films prepared by dip-coating. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 174, 196-199.	3.5	25
8	Photocatalytic degradation of methyl orange using Bi2MNbO7 (M=Al, Fe, Ga, In) semiconductor films on stainless steel. Catalysis Today, 2011, 166, 135-139.	4.4	23
9	Photoelectrocatalytic hydrogen production from oilfield-produced wastewater in a filter-press reactor using TiO2-based photoanodes. Catalysis Today, 2016, 266, 17-26.	4.4	21
10	Influence of immersion cycles during nâ€“Î²â€“Bi2O3 sensitization on the photoelectrochemical behaviour of Nâ€“Fâ€“codoped TiO2 nanotubes. Applied Surface Science, 2017, 423, 917-926.	6.1	18
11	Effect of Metal Substrate on Photo(electro)catalytic Activity of B-Doped Graphene Modified TiO2 Thin Films: Role of Iron Oxide Nanoparticles at Grain Boundaries of TiO2. Journal of Physical Chemistry C, 2018, 122, 297-306.	3.1	18
12	Titanyl sulfate extracted from the mineral ilmenite as mesoporous catalyst for the oleic acid esterification. Fuel, 2012, 100, 43-47.	6.4	17
13	Improving the photoelectrocatalytic performance of boron-modified TiO₂/Ti solâ€“gel-based electrodes for glycerol oxidation under visible illumination. RSC Advances, 2016, 6, 46668-46677.	3.6	17
14	EVALUATION OF SULFATED ALUMINAS SYNTHESIZED VIA THE SOL-GEL METHOD IN THE ESTERIFICATION OF OLEIC ACID WITH ETHANOL. Chemical Engineering Communications, 2009, 196, 1152-1162.	2.6	16
15	The role of boron in the carrier transport improvement of CdSe-sensitized B,N,F-TiO₂ nanotube solar cells: a synergistic strategy. New Journal of Chemistry, 2018, 42, 14481-14492.	2.8	15
16	Hidden energy levels? Carrier transport ability of CdS/CdS_{1â˜'x}Se_x quantum dot solar cells impacted by Cdâ€“Cd level formation. Nanoscale, 2019, 11, 762-774.	5.6	15
17	Delayed Coker Coke Characterization: Correlation between Process Conditions, Coke Composition, and Morphology. Energy & Fuels, 2018, 32, 2722-2732.	5.1	13
18	Mixed oxide semiconductors based on bismuth for photoelectrochemical applications. Journal of Solid State Electrochemistry, 2014, 18, 1963-1971.	2.5	12

#	Article	IF	Citations
19	Photoanodes modified with reduced graphene oxide to enhance photoelectrocatalytic performance of B-TiO2 under visible light. Revista De La Academia Colombiana De Ciencias Exactas, Fisicas Y Naturales, 2015, 39, 77.	0.2	11
20	Biofilm formation and its effects on microbiologically influenced corrosion of carbon steel in oilfield injection water via electrochemical techniques and scanning electron microscopy. Bioelectrochemistry, 2021, 141, 107868.	4.6	10
21	Enhanced photoelectrochemical performance of iron and carbon self-doped TiO2 photoanodes modified with nitrogen. Thin Solid Films, 2018, 653, 326-332.	1.8	8
22	Hydrogen production by photoelectrolysis of aqueous solutions of phenol using mixed oxide semiconductor films of Biâ€“Nbâ€“Mâ€“O (M=Al, Fe, Ga, In) as photoanodes. Catalysis Today, 2015, 252, 150-156.	4.4	7
23	Photoelectrochemical Performance of S,N-Codoped TiO₂ Films Supported on Ti and their Enhanced Photoelectrocatalytic Activity in the Generation of Hydroxyl Radicals. Journal of the Electrochemical Society, 2020, 167, 166514.	2.9	2
24	How does the Zn-precursor nature impact carrier transfer in ZnO/Zn-TiO2 nanostructures? organic vs. inorganic anions. New Journal of Chemistry, 2019, 43, 19085-19096.	2.8	1
25	Ligand field states and defect levels synergism: A close look at the band alignment of 4T1â€˜Mn-CdS/Bi2S3-co-sensitized photoanodes. Thin Solid Films, 2020, 714, 138393.	1.8	1