

Martha Eugenia NiÃ±o-GÃ³mez

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

810
citations

567281

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26
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26
docs citations

26
times ranked

1434
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Biofilm formation and its effects on microbiologically influenced corrosion of carbon steel in oilfield injection water via electrochemical techniques and scanning electron microscopy. <i>Bioelectrochemistry</i> , 2021, 141, 107868. | 4.6 | 10 |
| 2 | Photoelectrocatalytic phenol oxidation employing nitrogen doped TiO ₂ -rGO films as photoanodes. <i>Catalysis Today</i> , 2020, 341, 96-103. | 4.4 | 29 |
| 3 | Ligand field states and defect levels synergism: A close look at the band alignment of 4T1 Mn-CdS/Bi ₂ S ₃ -co-sensitized photoanodes. <i>Thin Solid Films</i> , 2020, 714, 138393. | 1.8 | 1 |
| 4 | Photoelectrochemical Performance of S,N-Codoped TiO ₂ Films Supported on Ti and their Enhanced Photoelectrocatalytic Activity in the Generation of Hydroxyl Radicals. <i>Journal of the Electrochemical Society</i> , 2020, 167, 166514. | 2.9 | 2 |
| 5 | Hidden energy levels? Carrier transport ability of CdS/CdS _{1-x} Se _x quantum dot solar cells impacted by Cd-Cd level formation. <i>Nanoscale</i> , 2019, 11, 762-774. | 5.6 | 15 |
| 6 | XPS fitting model proposed to the study of Ni and La in deactivated FCC catalysts. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2019, 233, 5-10. | 1.7 | 38 |
| 7 | How does the Zn-precursor nature impact carrier transfer in ZnO/Zn-TiO ₂ nanostructures? organic vs. inorganic anions. <i>New Journal of Chemistry</i> , 2019, 43, 19085-19096. | 2.8 | 1 |
| 8 | Controlling the Phase Segregation in Mixed Halide Perovskites through Nanocrystal Size. <i>ACS Energy Letters</i> , 2019, 4, 54-62. | 17.4 | 149 |
| 9 | Delayed Coker Coke Characterization: Correlation between Process Conditions, Coke Composition, and Morphology. <i>Energy & Fuels</i> , 2018, 32, 2722-2732. | 5.1 | 13 |
| 10 | Enhanced photoelectrochemical performance of iron and carbon self-doped TiO ₂ photoanodes modified with nitrogen. <i>Thin Solid Films</i> , 2018, 653, 326-332. | 1.8 | 8 |
| 11 | Effect of Metal Substrate on Photo(electro)catalytic Activity of B-Doped Graphene Modified TiO ₂ Thin Films: Role of Iron Oxide Nanoparticles at Grain Boundaries of TiO ₂ . <i>Journal of Physical Chemistry C</i> , 2018, 122, 297-306. | 3.1 | 18 |
| 12 | The role of boron in the carrier transport improvement of CdSe-sensitized B,N,F-TiO ₂ nanotube solar cells: a synergistic strategy. <i>New Journal of Chemistry</i> , 2018, 42, 14481-14492. | 2.8 | 15 |
| 13 | Influence of immersion cycles during Bi ³⁺ /Bi ₂ O ₃ sensitization on the photoelectrochemical behaviour of F-codoped TiO ₂ nanotubes. <i>Applied Surface Science</i> , 2017, 423, 917-926. | 6.1 | 18 |
| 14 | Improving the photoelectrocatalytic performance of boron-modified TiO ₂ /Ti sol-gel-based electrodes for glycerol oxidation under visible illumination. <i>RSC Advances</i> , 2016, 6, 46668-46677. | 3.6 | 17 |
| 15 | Photoelectrocatalytic hydrogen production from oilfield-produced wastewater in a filter-press reactor using TiO ₂ -based photoanodes. <i>Catalysis Today</i> , 2016, 266, 17-26. | 4.4 | 21 |
| 16 | Hydrogen production by photoelectrolysis of aqueous solutions of phenol using mixed oxide semiconductor films of Bi-Nb-O (M=Al, Fe, Ga, In) as photoanodes. <i>Catalysis Today</i> , 2015, 252, 150-156. | 4.4 | 7 |
| 17 | Photoanodes modified with reduced graphene oxide to enhance photoelectrocatalytic performance of B-TiO ₂ under visible light. <i>Revista De La Academia Colombiana De Ciencias Exactas, Fisicas Y Naturales</i> , 2015, 39, 77. | 0.2 | 11 |
| 18 | Mixed oxide semiconductors based on bismuth for photoelectrochemical applications. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 1963-1971. | 2.5 | 12 |

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|----|---|-----|-----------|
| 19 | Titanyl sulfate extracted from the mineral ilmenite as mesoporous catalyst for the oleic acid esterification. <i>Fuel</i> , 2012, 100, 43-47. | 6.4 | 17 |
| 20 | Sulfonic groups anchored on mesoporous carbon Starbons-300 and its use for the esterification of oleic acid. <i>Fuel</i> , 2012, 100, 128-138. | 6.4 | 103 |
| 21 | Evaluation of sulfated tin oxides in the esterification reaction of free fatty acids. <i>Catalysis Today</i> , 2011, 172, 34-40. | 4.4 | 58 |
| 22 | Photocatalytic degradation of methyl orange using Bi ₂ MNbO ₇ (M=Al, Fe, Ga, In) semiconductor films on stainless steel. <i>Catalysis Today</i> , 2011, 166, 135-139. | 4.4 | 23 |
| 23 | Photophysical and photocatalytic properties of Bi ₂ MNbO ₇ (M=Al, In, Ga, Fe) thin films prepared by dip-coating. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 174, 196-199. | 3.5 | 25 |
| 24 | Sulfated titania [TiO ₂ /SO ₄] ²⁻ : A very active solid acid catalyst for the esterification of free fatty acids with ethanol. <i>Applied Catalysis A: General</i> , 2010, 379, 24-29. | 4.3 | 183 |
| 25 | EVALUATION OF SULFATED ALUMINAS SYNTHESIZED VIA THE SOL-GEL METHOD IN THE ESTERIFICATION OF OLEIC ACID WITH ETHANOL. <i>Chemical Engineering Communications</i> , 2009, 196, 1152-1162. | 2.6 | 16 |