

Daniel Torres

List of Publications by Year in descending order

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37
papers

944
citations

394421

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454955

30
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37
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37
docs citations

37
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon nanofiber supported Mo ₂ C catalysts for hydrodeoxygenation of guaiacol: The importance of the carburization process. <i>Applied Catalysis B: Environmental</i> , 2018, 239, 463-474.	20.2	84
2	Hydrogen and multiwall carbon nanotubes production by catalytic decomposition of methane: Thermogravimetric analysis and scaling-up of Fe-Mo catalysts. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 3698-3709.	7.1	77
3	Hydrogen production by catalytic decomposition of methane using a Fe-based catalyst in a fluidized bed reactor. <i>Journal of Natural Gas Chemistry</i> , 2012, 21, 367-373.	1.8	60
4	On the oxidation degree of few-layer graphene oxide sheets obtained from chemically oxidized multiwall carbon nanotubes. <i>Carbon</i> , 2015, 81, 405-417.	10.3	56
5	Screening of Ni-Cu bimetallic catalysts for hydrogen and carbon nanofilaments production via catalytic decomposition of methane. <i>Applied Catalysis A: General</i> , 2018, 559, 10-19.	4.3	50
6	Prostatic Artery Embolization for Benign Prostatic Hyperplasia: Prospective Randomized Trial of 100- to 300-µm versus 300- to 500-µm versus 100- to 300-µm + 300- to 500-µm Embospheres. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 638-644.	4.8	48
7	Co-, Cu- and Fe-Doped Ni/Al ₂ O ₃ Catalysts for the Catalytic Decomposition of Methane into Hydrogen and Carbon Nanofibers. <i>Catalysts</i> , 2018, 8, 300.	3.5	38
8	Review on the preparation of carbon membranes derived from phenolic resins for gas separation: From petrochemical precursors to bioresources. <i>Carbon</i> , 2021, 183, 12-33.	10.3	38
9	Hydrochloric acid removal from the thermogravimetric pyrolysis of PVC. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020, 149, 104831.	5.5	37
10	Ni-MoS ₂ supported on carbon nanofibers as hydrogenation catalysts: Effect of support functionalisation. <i>Carbon</i> , 2015, 81, 574-586.	10.3	36
11	Metallic and carbonaceous -based catalysts performance in the solar catalytic decomposition of methane for hydrogen and carbon production. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 9645-9655.	7.1	34
12	Carbon nanofibres coated with Ni decorated MoS ₂ nanosheets as catalyst for vacuum residue hydroprocessing. <i>Applied Catalysis B: Environmental</i> , 2014, 148-149, 357-365.	20.2	34
13	Effect of oxygen and structural properties on the electrical conductivity of powders of nanostructured carbon materials. <i>Powder Technology</i> , 2018, 340, 380-388.	4.2	30
14	Long-Term Outcome of Prostatic Artery Embolization for Patients with Benign Prostatic Hyperplasia: Single-Centre Retrospective Study in 1072 Patients Over a 10-Year Period. <i>CardioVascular and Interventional Radiology</i> , 2022, 45, 1324-1336.	2.0	29
15	Performance and stability of counter electrodes based on reduced few-layer graphene oxide sheets and reduced graphene oxide quantum dots for dye-sensitized solar cells. <i>Electrochimica Acta</i> , 2019, 306, 396-406.	5.2	27
16	Natural Fe-based catalysts for the production of hydrogen and carbon nanomaterials via methane decomposition. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 35137-35148.	7.1	26
17	Cobalt doping of Fe/Al ₂ O ₃ catalysts for the production of hydrogen and high-quality carbon nanotubes by thermal decomposition of methane. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 19313-19323.	7.1	25
18	Structure of Copper-Cobalt Surface Alloys in Equilibrium with Carbon Monoxide Gas. <i>Journal of the American Chemical Society</i> , 2018, 140, 6575-6581.	13.7	23

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19	Scanning different Ni-noble metal (Pt, Pd, Ru) bimetallic nanoparticles supported on carbon nanofibers for one-pot cellobiose conversion. <i>Applied Catalysis A: General</i> , 2019, 585, 117182.	4.3	22
20	Unzipping of multi-wall carbon nanotubes with different diameter distributions: Effect on few-layer graphene oxide obtention. <i>Applied Surface Science</i> , 2017, 424, 101-110.	6.1	20
21	Influence of carburization time on the activity of Mo ₂ C/CNF catalysts for the HDO of guaiacol. <i>Catalysis Today</i> , 2020, 357, 240-247.	4.4	19
22	Graphene quantum dots from fishbone carbon nanofibers. <i>RSC Advances</i> , 2016, 6, 48504-48514.	3.6	18
23	Chlorine removal from the pyrolysis of urban polyolefinic waste in a semi-batch reactor. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104920.	6.7	16
24	Enhanced Reduction of Few-Layer Graphene Oxide via Supercritical Water Gasification of Glycerol. <i>Nanomaterials</i> , 2017, 7, 447.	4.1	14
25	Graphene oxide nanofibers: A nanocarbon material with tuneable electrochemical properties. <i>Applied Surface Science</i> , 2020, 509, 144774.	6.1	14
26	Capacitance Enhancement of Hydrothermally Reduced Graphene Oxide Nanofibers. <i>Nanomaterials</i> , 2020, 10, 1056.	4.1	13
27	On the hydrothermal-enhanced synthesis of highly selective Mo ₂ C catalysts to fully deoxygenated products in the guaiacol HDO reaction. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105146.	6.7	12
28	Custom-sized graphene oxide for the hydrolysis of cellulose. <i>Carbon</i> , 2021, 175, 429-439.	10.3	9
29	Nanostructured Carbon Material Effect on the Synthesis of Carbon-Supported Molybdenum Carbide Catalysts for Guaiacol Hydrodeoxygenation. <i>Energies</i> , 2020, 13, 1189.	3.1	7
30	Easy enrichment of graphitic nitrogen to prepare highly catalytic carbons for oxygen reduction reaction. <i>Carbon</i> , 2022, , .	10.3	7
31	Preparation of polymer composites using nanostructured carbon produced at large scale by catalytic decomposition of methane. <i>Materials Chemistry and Physics</i> , 2013, 137, 859-865.	4.0	6
32	Synthesis and characterization of a supported Pd complex on carbon nanofibers for the selective decarbonylation of stearic acid to 1-heptadecene: the importance of subnanometric Pd dispersion. <i>Catalysis Science and Technology</i> , 2020, 10, 2970-2985.	4.1	6
33	Non-oxidative decomposition of propane: Ni-Cu/Al ₂ O ₃ catalyst for the production of CO ₂ -free hydrogen and high-value carbon nanofibers. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105022.	6.7	5
34	Response to the comments on "Metallic and carbonaceous-based catalysts performance in the solar catalytic decomposition of methane for hydrogen and carbon production" by A. Rollinson. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 14716-14717.	7.1	2
35	Density Functional Investigation of the Inclusion of Gold Clusters on a CH ₃ S Self-Assembled Lattice on Au(111). <i>Advances in Chemistry</i> , 2016, 2016, 1-8.	1.1	1
36	Prostatic Artery Embolization for Benign Prostatic Hyperplasia "A Primer for Interventional Radiologists. <i>The Arab Journal of Interventional Radiology</i> , 2021, 05, 060-067.	0.1	1

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37	Upgrading of flax powder and short fibers into high value-added products. Journal of Environmental Chemical Engineering, 2022, 10, 107195.	6.7	0