

Carmen Ciotonea

List of Publications by Year in descending order

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papers

935
citations

567144

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31
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1386
citing authors

#	ARTICLE	IF	CITATIONS
1	NO reduction by CO under oxidative conditions over CoCuAl mixed oxides derived from hydrotalcite-like compounds: Effect of water. <i>Catalysis Today</i> , 2022, 384-386, 97-105.	2.2	8
2	Micro-/mesopores confined ultrasmall Cu nanoparticles in SBA-15 as a highly efficient and robust catalyst for furfural hydrogenation to furfuryl alcohol. <i>Applied Catalysis A: General</i> , 2022, 633, 118527.	2.2	14
3	Cu ₂ O nanoparticles supported on ordered mesoporous silica for the catalytic hydrogenation of cinnamaldehyde. <i>Comptes Rendus Chimie</i> , 2022, 25, 81-94.	0.2	0
4	Assembly of SBA-15 into hierarchical porous monoliths replicating polymeric scaffolds. <i>Microporous and Mesoporous Materials</i> , 2022, 337, 111908.	2.2	5
5	Hydrodeoxygenation of m-cresol over Pd/Al-SBA-15 catalysts: Effect of Al content on the deoxygenation reaction pathways. <i>Applied Catalysis A: General</i> , 2022, 641, 118686.	2.2	10
6	Modified Red Mud Catalyst for Volatile Organic Compounds Oxidation. <i>Catalysts</i> , 2021, 11, 838.	1.6	9
7	Playing on 3D spatial distribution of Cu-Co (oxide) nanoparticles in inorganic mesoporous sieves: Impact on catalytic performance toward the cinnamaldehyde hydrogenation. <i>Applied Catalysis A: General</i> , 2021, 623, 118303.	2.2	4
8	MnO _x -loaded Mesoporous Silica for the Catalytic Oxidation of Formaldehyde. Effect of the Melt Infiltration Conditions on the Activity & Stability Behavior. <i>ChemCatChem</i> , 2020, 12, 1664-1675.	1.8	6
9	Flash Catalytic Pyrolysis of Polyethylene over (Alumino)silicate Materials. <i>ChemCatChem</i> , 2020, 12, 1109-1116.	1.8	17
10	Manipulating the physical states of confined ibuprofen in SBA-15 based drug delivery systems obtained by solid-state loading: Impact of the loading degree. <i>Journal of Chemical Physics</i> , 2020, 153, 154506.	1.2	17
11	Enhancement of the dispersion and catalytic performances of copper in the hydrogenation of cinnamaldehyde by incorporation of aluminium into mesoporous SBA-15 silica. <i>Applied Catalysis A: General</i> , 2020, 598, 117615.	2.2	9
12	Phyllosilicate-derived Nickel-cobalt Bimetallic Nanoparticles for the Catalytic Hydrogenation of Imines, Oximes and Heteroarenes. <i>ChemCatChem</i> , 2020, 12, 4652-4663.	1.8	25
13	Emulsions Stabilized with Alumina-Functionalized Mesoporous Silica Particles. <i>Langmuir</i> , 2020, 36, 3212-3220.	1.6	9
14	Engineering pore morphology using silica template route over mesoporous cobalt oxide and its implications in atmospheric pressure carbon dioxide hydrogenation to olefins. <i>Applied Materials Today</i> , 2020, 19, 100586.	2.3	8
15	Hydroconversion of 5-Hydroxymethylfurfural to 2,5-Dimethylfuran and 2,5-Dimethyltetrahydrofuran over Non-promoted Ni/SBA-15. <i>ChemCatChem</i> , 2020, 12, 2050-2059.	1.8	41
16	Preparation of nickel (oxide) nanoparticles confined in the secondary pore network of mesoporous scaffolds using melt infiltration. <i>Catalysis Today</i> , 2019, 334, 48-58.	2.2	26
17	Efficient degradation of clofibric acid by electro-enhanced peroxydisulfate activation with Fe-Cu/SBA-15 catalyst. <i>Applied Catalysis B: Environmental</i> , 2018, 230, 1-10.	10.8	90
18	Confining for Stability: Heterogeneous Catalysis with Transition Metal (Oxide) Nanoparticles Confined in the Secondary Pore Network of Mesoporous Scaffolds. <i>ChemNanoMat</i> , 2017, 3, 233-237.	1.5	14

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19	Effect of the support on the hydrodeoxygenation of m -cresol over molybdenum oxide based catalysts. Applied Catalysis B: Environmental, 2017, 214, 57-66.	10.8	82
20	A Simple and Green Procedure to Prepare Efficient Manganese Oxide Nanopowder for the Low Temperature Removal of Formaldehyde. ChemCatChem, 2017, 9, 2366-2376.	1.8	22
21	Synthesis of highly dispersed iron species within mesoporous (Al-)SBA-15 silica as efficient heterogeneous Fenton-type catalysts. Microporous and Mesoporous Materials, 2017, 241, 326-337.	2.2	32
22	Improved dispersion of transition metals in mesoporous materials through a polymer-assisted melt infiltration method. Catalysis Science and Technology, 2017, 7, 5448-5456.	2.1	23
23	Highly dispersed copper (oxide) nanoparticles prepared on SBA-15 partially occluded with the P123 surfactant: toward the design of active hydrogenation catalysts. Catalysis Science and Technology, 2017, 7, 5376-5385.	2.1	30
24	Synthesis Strategies and Emerging Catalytic Applications of Siliceous Materials with Hierarchically Ordered Porosity. , 2017, , 189-215.		0
25	Facile synthesis of highly dispersed and thermally stable copper-based nanoparticles supported on SBA-15 occluded with P123 surfactant for catalytic applications. Journal of Catalysis, 2016, 339, 270-283.	3.1	48
26	Controlling the distribution of cobalt (oxide) nanoparticles in the dual pore system of SBA-15 scaffolds. Microporous and Mesoporous Materials, 2016, 224, 176-189.	2.2	11
27	Selective Hydrogenation of Furfural to Furfuryl Alcohol in the Presence of a Recyclable Cobalt/SBA-15 Catalyst. ChemSusChem, 2015, 8, 1885-1891.	3.6	161
28	Structural and catalytic properties of mono- and bimetallic nickel-copper nanoparticles derived from MgNi(Cu)Al-LDHs under reductive conditions. Applied Catalysis A: General, 2015, 504, 92-102.	2.2	33
29	Nanosized transition metals in controlled environments of phyllosilicate-mesoporous silica composites as highly thermostable and active catalysts. Chemical Communications, 2013, 49, 7665.	2.2	40
30	Composition-Dependent Morphostructural Properties of Ni-Cu Oxide Nanoparticles Confined within the Channels of Ordered Mesoporous SBA-15 Silica. ACS Applied Materials & Interfaces, 2013, 5, 3010-3025.	4.0	140