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List of Publications by Year
in descending order

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42 papers	1,244 citations	331538 21 h-index	360920 35 g-index
43 all docs	43 docs citations	43 times ranked	1754 citing authors

#	Article	IF	Citations
1	Selective Hydrogenation of Furfural to Furfuryl Alcohol in the Presence of a Recyclable Cobalt/SBAâ€15 Catalyst. ChemSusChem, 2015, 8, 1885-1891.	3.6	161
2	Composition-Dependent Morphostructural Properties of Niâ€“Cu Oxide Nanoparticles Confined within the Channels of Ordered Mesoporous SBA-15 Silica. ACS Applied Materials & Interfaces, 2013, 5, 3010-3025.	4.0	140
3	NiAl and CoAl materials derived from takovite-like LDHs and related structures as efficient chemoselective hydrogenation catalysts. Catalysis Science and Technology, 2014, 4, 179-189.	2.1	125
4	Synthesis of highly thermostable copper-nickel nanoparticles confined in the channels of ordered mesoporous SBA-15 silica. Journal of Materials Chemistry, 2011, 21, 12529.	6.7	82
5	Effect of aluminium incorporation by the â€œpH-adjustingâ€•method on the structural, acidic and catalytic properties of mesoporous SBA-15. Microporous and Mesoporous Materials, 2012, 163, 51-64.	2.2	71
6	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
7	Nanosized transition metals in controlled environments of phyllosilicateâ€“mesoporous silica composites as highly thermostable and active catalysts. Chemical Communications, 2013, 49, 7665.	2.2	40
8	An investigation of the acid properties of UL-ZSM-5 by FTIR of adsorbed 2,6-ditertbutylpyridine and aromatic transalkylation test reaction. Applied Catalysis A: General, 2005, 294, 92-105.	2.2	38
9	Aldol condensation of aldehydes over semicrystalline zeolitic-mesoporous UL-ZSM-5. Microporous and Mesoporous Materials, 2005, 84, 283-296.	2.2	36
10	Hydroxylation of 1-naphthol by hydrogen peroxide over UL-TS-1 and TS-1 coated MCF. Applied Catalysis A: General, 2003, 254, 203-223.	2.2	35
11	Structural and catalytic properties of mono- and bimetallic nickelâ€“copper nanoparticles derived from MgNi(Cu)Al-LDHs under reductive conditions. Applied Catalysis A: General, 2015, 504, 92-102.	2.2	33
12	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
13	TS-1 coated mesocellular titano-silica foams as new catalysts for oxidation of bulky molecules. Physical Chemistry Chemical Physics, 2003, 5, 3534.	1.3	30
14	Enhancing the performance of SBA-15-supported copper catalysts by chromium addition for the chemoselective hydrogenation of trans-cinnamaldehyde. Catalysis Science and Technology, 2013, 3, 2319.	2.1	30
15	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
16	Structural and Diffusion Characterizations of Steam-Stable Mesostructured Zeolitic UL-ZSM-5 Materials. Langmuir, 2006, 22, 4777-4786.	1.6	29
17	Preparation of nickel (oxide) nanoparticles confined in the secondary pore network of mesoporous scaffolds using melt infiltration. Catalysis Today, 2019, 334, 48-58.	2.2	26
18	Effect of the acid properties on the diffusion of C7 hydrocarbons in UL-ZSM-5 materials. Microporous and Mesoporous Materials, 2006, 92, 117-128.	2.2	25

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19	Phyllosilicateâ€derived Nickelâ€cobalt Bimetallic Nanoparticles for the Catalytic Hydrogenation of Imines, Oximes and Nâ€heteroarenes. ChemCatChem, 2020, 12, 4652-4663.	1.8	25
20	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
21	Selective Hydrogenation of Xylose to Xylitol over Co/SiO₂ Catalysts. ChemCatChem, 2020, 12, 1973-1978.	1.8	23
22	Effect of chemical composition of SBA-15 on the adsorption and catalytic activity of Î±-chymotrypsin. Journal of Materials Chemistry, 2011, 21, 15619.	6.7	19
23	New HDS catalysts based on thiol functionalized mesoporous silica supports. Applied Catalysis A: General, 2010, 386, 43-50.	2.2	16
24	An efficient route to prepare highly dispersed metallic copper nanoparticles on ordered mesoporous silica with outstanding activity for hydrogenation reactions. Catalysis Science and Technology, 2015, 5, 3735-3745.	2.1	16
25	Confining for Stability: Heterogeneous Catalysis with Transition Metal (Oxide) Nanoparticles Confined in the Secondary Pore Network of Mesoporous Scaffolds. ChemNanoMat, 2017, 3, 233-237.	1.5	14
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 conversion of styrene oxide to 2-phenylethanol in cascade reactions over non-noble metal catalysts. Catalysis Science and Technology, 2016, 6, 468-478.	2.1	10
28	Hydrodeoxygenation of m-cresol over Pd/Al-SBA-15 catalysts: Effect of Al content on the deoxygenation reaction pathways. Applied Catalysis A: General, 2022, 641, 118686.	2.2	10
29	Enhancement of the dispersion and catalytic performances of copper in the hydrogenation of cinnamaldehyde by incorporation of aluminium into mesoporous SBA-15 silica. Applied Catalysis A: General, 2020, 598, 117615.	2.2	9
30	Emulsions Stabilized with Alumina-Functionalized Mesoporous Silica Particles. Langmuir, 2020, 36, 3212-3220.	1.6	9
31	Cu, Ni - BASED HYDROTALCITE - LIKE COMPOUNDS AS CATALYSTS FOR THE HYDROGENATION OF CINNAMALDEHYDE IN LIQUID PHASE. PART 2: INFLUENCE OF REACTION CONDITIONS AND CHEMICAL COMPOSITION ON THE CATALYTIC PROPERTIES. Environmental Engineering and Management Journal, 2010, 9, 1203-1210.	0.2	7
32	CONTROLLING THE ACTIVITY AND CHEMOSELECTIVITY IN THE CINNAMALDEHYDE HYDROGENATION BY INSERTION OF NONNOBLE METALS IN THE MATRIX OF HYDROALCITE-LIKE MATERIALS. Environmental Engineering and Management Journal, 2012, 11, 47-54.	0.2	7
33	MnO_xâ€loaded Mesoporous Silica for the Catalytic Oxidation of Formaldehyde. Effect of the Melt Infiltration Conditions on the Activity â€“ Stability Behavior. ChemCatChem, 2020, 12, 1664-1675.	1.8	6
34	Hydrogenation of Unsaturated Carbonyl Compounds on non-Calcined LDHs. I. Synthesis and Characterization of ZnNiCuAl Hydrotalcite-like Materials. Acta Chimica Slovenica, 2010, 57, 677-85.	0.2	6
35	Playing on 3D spatial distribution of Cu-Co (oxide) nanoparticles in inorganic mesoporous sieves: Impact on catalytic performance toward the cinnamaldehyde hydrogenation. Applied Catalysis A: General, 2021, 623, 118303.	2.2	4
36	CsHSO4/MESOPOROUS SILICA COMPOSITES - NEW ELECTROLYTES FOR SOLID ACID FUEL CELLS. Environmental Engineering and Management Journal, 2009, 8, 1-9.	0.2	4

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37	COPPER NANOPARTICLES SUPPORTED ON POLYETHERFUNCTIONALIZED MESOPOROUS SILICA. SYNTHESIS AND APPLICATION AS HYDROGENATION CATALYSTS. Environmental Engineering and Management Journal, 2015, 14, 399-408.	0.2	4
38	SYNTHESIS OF HIGHLY ORDERED TITANIUM-CONTAINING SBA-15 MESOPOROUS SILICAS FOR CATALYTIC ECO-FRIENDLY OXIDATIONS. Environmental Engineering and Management Journal, 2008, 7, 255-262.	0.2	3
39	Acid properties of semicrystalline zeolitic mesoporous UL-ZSM-5 materials. Journal of Thermal Analysis and Calorimetry, 2007, 87, 417-422.	2.0	2
40	Selective dissolution of TiO2 crystalline phases: Physicochemical characterization and photocatalytic activity. Comptes Rendus Chimie, 2018, 21, 382-390.	0.2	2
41	SYNTHESIS OF NEW CATALYSTS BY INSERTION OF Co AND Cu IN THE MATRIX OF HYDROTALCITE-LIKE MATERIALS FOR CINNAMALDEHYDE HYDROGENATION. Environmental Engineering and Management Journal, 2011, 10, 1561-1571.	0.2	2
42	Cuâ€“Ga<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>nanoparticles supported on ordered mesoporous silica for the catalytic hydrogenation of cinnamaldehyde. Comptes Rendus Chimie, 2022, 25, 81-94.	0.2	0