

# Given Names Deactivated Family Name

## List of Publications by Year in descending order

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62  
papers

820  
citations

430442

18  
h-index

580395

25  
g-index

62  
all docs

62  
docs citations

62  
times ranked

1025  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ordered micro-mesoporous carbon from palm oil cooking waste via nanocasting in HZSM-5/SBA-15 composite: Preparation and adsorption studies. <i>Journal of Hazardous Materials</i> , 2019, 362, 53-61.	6.5	48
2	Cobalt and nickel supported on HY zeolite: Synthesis, characterization and catalytic properties. <i>Materials Research Bulletin</i> , 2006, 41, 1105-1111.	2.7	38
3	HDS of thiophene over CoMo/AlMCM-41 with different Si/Al ratios. <i>Applied Catalysis A: General</i> , 2007, 316, 212-218.	2.2	35
4	Thermo gravimetric kinetics of polypropylene degradation on ZSM-12 and ZSM-5 catalysts. <i>Catalysis Today</i> , 2005, 107-108, 507-512.	2.2	34
5	Kinetic study of template removal of MCM-41 nanostructured material. <i>Journal of Thermal Analysis and Calorimetry</i> , 2004, 75, 693-698.	2.0	32
6	Textural features of highly ordered Al-MCM-41 molecular sieve studied by X-ray diffraction, nitrogen adsorption and transmission electron microscopy. <i>Materials Letters</i> , 2006, 60, 2682-2685.	1.3	30
7	Thermal analysis kinetics applied to flame retardant polycarbonate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 86, 469-473.	2.0	29
8	Crystallization of ZSM-12 Zeolite with Different Si/Al Ratio. <i>Adsorption</i> , 2005, 11, 159-165.	1.4	27
9	Synthesis, characterization and catalytic application of cerium-modified MCM-41. <i>Journal of Solid State Chemistry</i> , 2003, 171, 371-374.	1.4	26
10	Selective cracking of natural gasoline over HZSM-5 zeolite. <i>Fuel Processing Technology</i> , 2008, 89, 819-827.	3.7	26
11	Textural properties of nickel, palladium and titanium oxides supported on MCM-41 materials and their application on oxidative desulfurization of dibenzothiophene. <i>Materials Research</i> , 2013, 16, 1448-1456.	0.6	25
12	Thermogravimetry applied to characterization of SBA-15 nanostructured material. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 457-461.	2.0	22
13	Carbon dioxide adsorption on micro-mesoporous composite materials of ZSM-12/MCM-48 type: The role of the contents of zeolite and functionalized amine. <i>Materials Research Bulletin</i> , 2015, 70, 663-672.	2.7	22
14	Structure and properties of bifunctional catalysts based on zirconia modified by tungsten oxide obtained by polymeric precursor method. <i>Applied Catalysis A: General</i> , 2008, 342, 56-62.	2.2	21
15	Thermal analysis applied to template removal from siliceous MCM-48 nanoporous material. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 79, 493-497.	2.0	20
16	Effect of the metal type in perovskites prepared by modified proteic method in dye adsorption from aqueous medium. <i>Ceramics International</i> , 2018, 44, 5743-5750.	2.3	20
17	Effect of the Acid Treatment of Montmorillonite Clay in the Oleic Acid Esterification Reaction. <i>Materials Research</i> , 2015, 18, 283-287.	0.6	19
18	Development of HZSM-12 zeolite for catalytic degradation of high-density polyethylene. <i>Microporous and Mesoporous Materials</i> , 2017, 244, 1-6.	2.2	19

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19	Hydrodesulfurization of dibenzothiophene over PtMo/MCM-48 catalysts. <i>Catalysis Communications</i> , 2015, 69, 217-222.	1.6	18
20	Thermal and catalytic pyrolysis of polyvinyl chloride using micro/mesoporous ZSM-35/MCM-41 catalysts. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 140, 167-175.	2.0	18
21	Systems involving cobalt and cerium oxides: characterization and catalytic behavior in the C6-C7 n-alkanes combustion. <i>Solid State Sciences</i> , 2003, 5, 725-728.	1.5	17
22	Synthesis, characterization and catalytic properties of the cobalt and nickel supported on HZSM-12 zeolite. <i>Catalysis Communications</i> , 2006, 7, 791-796.	1.6	17
23	Model free-kinetics applied to CTMA+ removal of AlMCM-41 molecular sieves. <i>Thermochimica Acta</i> , 2004, 413, 235-240.	1.2	14
24	MoO <sub>3</sub> -based HDS catalyst obtained by the polymeric precursor method. <i>Materials Letters</i> , 2006, 60, 2638-2641.	1.3	14
25	Development of micro-mesoporous composite material of the ZSM-12/MCM-41 type for the CO <sub>2</sub> adsorption. <i>Journal of Porous Materials</i> , 2015, 22, 1145-1151.	1.3	14
26	Thermal stability during pyrolysis of sunflower oil produced in the northeast of Brazil. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 967-974.	2.0	13
27	Synthesis, characterization, and luminescent properties of MCM-41 and AlMCM-41 mesoporous materials containing Eu(III) ions. <i>Journal of Alloys and Compounds</i> , 2004, 374, 101-104.	2.8	12
28	Study of the Adsorption Properties of MCM-41 Molecular Sieves Prepared at Different Synthesis Times. <i>Adsorption</i> , 2005, 11, 181-186.	1.4	12
29	Hydrothermal synthesis and thermal characterization of niobium-aluminophosphate with AEL structure. <i>Solid State Sciences</i> , 2001, 3, 461-466.	0.8	11
30	Acid properties of AlMCM-41 molecular sieves with different silica-alumina ratios by thermogravimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 79, 425-428.	2.0	11
31	Preparation and characterization of Pt-dealuminated Y zeolite by TG/DTA and TPR. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 391-399.	2.0	11
32	m-Xylene Isomerization in SAPO-11/HZSM-5 Mixed Catalyst. <i>Reaction Kinetics and Catalysis Letters</i> , 2001, 73, 283-290.	0.6	10
33	Acid properties of the HZSM-12 zeolite with different Si/Al ratio by thermo-programmed desorption. <i>Journal of Thermal Analysis and Calorimetry</i> , 2004, 76, 783-791.	2.0	10
34	Influence of the synthesis method on THE DTG-TPR profiles of Pt/WO <sub>3</sub> -ZrO <sub>2</sub> bifunctional catalysts. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 703-707.	2.0	10
35	Kinetic study of isopropanol dehydration over silicoaluminophosphate catalyst. <i>Reaction Kinetics and Catalysis Letters</i> , 1999, 66, 141.	0.6	9
36	Use of microcopyrolysis and TG to study the thermal catalytic conversion of onshore crude oil using the zeolite catalysts type Y and ferrierite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 122, 369-377.	2.0	8

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37	Synthesis, Optimization and Characterization of Zeolite Beta (BEA): Production of ZSM-5 and NaAlSiO <sub>4</sub> as Secondary Phases. <i>Revista Virtual De Quimica</i> , 2017, 9, 1570-1582.	0.1	8
38	Coke removal of the HZSM-12 zeolite with different silica/alumina ratio. <i>Journal of Thermal Analysis and Calorimetry</i> , 2004, 75, 699-704.	2.0	7
39	Thermal analysis applied to characterization of copper and nickel catalysts. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 79, 435-438.	2.0	7
40	Oxidative desulfurization of thiophene on TiO <sub>2</sub> /ZSM-12 zeolite. <i>Materials Research</i> , 2016, 19, 24-30.	0.6	7
41	Catalytic cracking of isopropylbenzene over hybrid HZSM-12/M41S (M41S = MCM-41 or MCM-48) micro-mesoporous materials. <i>Petroleum Science and Technology</i> , 2018, 36, 923-929.	0.7	7
42	Catalytic cracking of C <sub>5</sub> + gasoline over hy zeolite. <i>Reaction Kinetics and Catalysis Letters</i> , 2003, 79, 257-262.	0.6	6
43	Effect of cerium, holmium and samarium ions on the thermal and structural properties of the HZSM-12 zeolite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 84, 503-509.	2.0	6
44	Synthesis of LaNiO <sub>3</sub> perovskite by the modified proteic gel method and study of catalytic properties in the syngas production. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1858-1862.	0.6	6
45	Kinetic parameters of surfactant remotion occluded in the pores of the AlMCM-41 nanostructured materials. <i>Thermochimica Acta</i> , 2006, 443, 183-188.	1.2	5
46	Yield of aromatics from naphthenics upon catalytic cracking. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1378-1387.	0.6	5
47	Nickel-based perovskite catalysts: synthesis and catalytic tests in the production of syngas. <i>Ceramica</i> , 2018, 64, 436-442.	0.3	5
48	Effect of the B-site cation from LaBO <sub>3</sub> and LaBO <sub>3</sub> /TiO <sub>2</sub> (B = Mn or Tj) ETQq0 0 0 rgBT /Overlock Materials Research Express, 2019, 6, 105065.	0.8	5
49	Determination of the Acidity of MCM-41 with Different Si/Al Ratios by the Temperature Programmed Desorption of Pyridine. <i>Adsorption Science and Technology</i> , 2007, 25, 751-756.	1.5	4
50	Catalytic oxidation of phenol in aqueous media over CuZSM-12 zeolite. <i>Reaction Kinetics and Catalysis Letters</i> , 2006, 88, 119-126.	0.6	3
51	Thermo-programmed reduction study of Pt/WO <sub>x</sub> -ZrO <sub>2</sub> materials by thermogravimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 351-355.	2.0	3
52	ADSORPTION OF CO <sub>2</sub> ON MICRO AND MESOPOROUS MOLECULAR SIEVES. <i>Quimica Nova</i> , 2014, 37, .	0.3	3
53	CO <sub>2</sub> adsorption on systems involving ethylenediamine impregnated on nanoporous materials. <i>Petroleum Science and Technology</i> , 2018, 36, 1977-1982.	0.7	3
54	Synthesis, Characterization and Catalytic Properties of NBALPO-11. <i>Reaction Kinetics and Catalysis Letters</i> , 2001, 74, 3-10.	0.6	2

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55	Optimization of MCM-48 synthesis using factorial design. <i>Ceramica</i> , 2016, 62, 413-417.	0.3	2
56	Thermodynamics of CO <sub>2</sub> adsorption on mesoporous materials impregnated with nickel. <i>Ceramica</i> , 2017, 63, 524-529.	0.3	2
57	Study of liquid phase adsorption of congo red on micro and mesoporous adsorbents containing lanthanum. <i>Materials Research Express</i> , 2019, 6, 105036.	0.8	1
58	Catalytic Esterification of Oleic Acid Over SO <sub>4</sub> <sup>2-</sup> /MCM-41 Nanostructured Materials. <i>Materials Sciences and Applications</i> , 2011, 02, 706-709.	0.3	1
59	Hydrodesulfurization of thiophene over CoMo/AlMCM-41. <i>Reaction Kinetics and Catalysis Letters</i> , 2008, 94, 47-53.	0.6	0
60	Structural and Morphological Characterization of Pt/WO <sub>x</sub> -ZrO <sub>2</sub> Catalysts. <i>Journal of Chemical Crystallography</i> , 2009, 39, 186-192.	0.5	0
61	Síntese da perovskita do tipo LaNiO <sub>3</sub> através do método dos precursores quelantes usando EDTA: otimização do teor de agente quelante. <i>Quimica Nova</i> , 2011, 34, 1339-1342.	0.3	0
62	DEVELOPMENT OF HYBRID MICRO-MESOPOROUS MATERIALS OF ZSM-12/MCM-41 TYPE. <i>Quimica Nova</i> , 2015, ,	0.3	0