

Michael StÄjcker

List of Publications by Year in descending order

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37
papers

5,181
citations

236612

25
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360668

35
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40
all docs

40
docs citations

40
times ranked

4916
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic hydrodeoxygenation (HDO) of phenol over supported molybdenum carbide, nitride, phosphide and oxide catalysts. <i>Catalysis Today</i> , 2014, 223, 44-53.	2.2	230
2	Hardwood lignin pyrolysis in the presence of nano-oxide particles embedded onto natural clinoptilolite. <i>Microporous and Mesoporous Materials</i> , 2013, 176, 162-167.	2.2	22
3	Catalytic Hydrotreatment of Bio-Oils for High-Quality Fuel Production. , 2013, , 351-396.		7
4	Enhanced Catalyst Performance of Zeolite SSZ-13 in the Methanol to Olefin Reaction after Neutron Irradiation. <i>Journal of Physical Chemistry C</i> , 2011, 115, 6521-6530.	1.5	26
5	Mesopore formation in zeolite H-SSZ-13 by desilication with NaOH. <i>Microporous and Mesoporous Materials</i> , 2010, 132, 384-394.	2.2	150
6	Reactions of C1 Building Blocks. , 2009, , 251-274.		2
7	Biofuels and Biomass to Liquid Fuels in the Biorefinery: Catalytic Conversion of Lignocellulosic Biomass using Porous Materials. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9200-9211.	7.2	873
8	Bio- und BTL-Kraftstoffe in der Bi Raffinerie: katalytische Umwandlung Lignocellulose-reicher Biomasse mit porösen Stoffen. <i>Angewandte Chemie</i> , 2008, 120, 9340-9351.	1.6	77
9	Investigation of the effect of metal sites in Me-Al-MCM-41 (Me=Fe, Cu or Zn) on the catalytic behavior during the pyrolysis of wooden based biomass. <i>Microporous and Mesoporous Materials</i> , 2007, 105, 189-203.	2.2	111
10	In situ catalytic upgrading of biomass derived fast pyrolysis vapours in a fixed bed reactor using mesoporous materials. <i>Microporous and Mesoporous Materials</i> , 2006, 96, 93-101.	2.2	245
11	Evaluation of various types of Al-MCM-41 materials as catalysts in biomass pyrolysis for the production of bio-fuels and chemicals. <i>Fuel</i> , 2006, 85, 2202-2212.	3.4	255
12	Gas phase catalysis by zeolites. <i>Microporous and Mesoporous Materials</i> , 2005, 82, 257-292.	2.2	179
13	Cobalt Functionalization of Mesoporous Silica by Incipient Wetness Impregnation and Co-precipitation. <i>Journal of Dispersion Science and Technology</i> , 2005, 26, 87-94.	1.3	5
14	Standard reaction of the International Zeolite Association for acidity characterization: Ethylbenzene disproportionation over LaNaY. <i>Microporous and Mesoporous Materials</i> , 2002, 56, 185-192.	2.2	43
15	Synthesis, characterization and potential applications of new materials in the mesoporous range. <i>Advances in Colloid and Interface Science</i> , 2001, 89-90, 439-466.	7.0	151
16	Quantitative determination of Ni and V in FCC catalysts monitored by ESR spectroscopy. <i>Catalysis Letters</i> , 2000, 69, 223-229.	1.4	26
17	Synthesis and Characterization of the Titanium Containing Mesoporous Molecular Sieve MCM-48. <i>Journal of Dispersion Science and Technology</i> , 2000, 21, 229-243.	1.3	3
18	Synthesis and Characterization of the Titanium Containing Mesoporous Molecular Sieve MCM-48. <i>Journal of Dispersion Science and Technology</i> , 2000, 21, 49-63.	1.3	3

#	ARTICLE	IF	CITATIONS
19	In situ Synthesis of Micro- and Mesoporous Al-MFI / MCM-41 like Phases with High Hydrothermal Stability.. Studies in Surface Science and Catalysis, 2000, 129, 99-106.	1.5	17
20	GELATION KINETICS OF POLYMERS CONFINED IN WATER/ OIL-SATURATED POROUS MATERIALS PROBED BY NMR. Journal of Dispersion Science and Technology, 1999, 20, 723-741.	1.3	1
21	Synthesis and characterization of siliceous and aluminum-containing mesoporous materials from different surfactant solutions. Microporous and Mesoporous Materials, 1999, 27, 171-180.	2.2	40
22	Composites of micro- and mesoporous materials: simultaneous syntheses of MFI/MCM-41 like phases by a mixed template approach. Microporous and Mesoporous Materials, 1999, 27, 181-192.	2.2	365
23	Methanol-to-hydrocarbons: catalytic materials and their behavior. Microporous and Mesoporous Materials, 1999, 29, 3-48.	2.2	1,341
24	racking of Vacuum Gas Oil on Microporous and Mesoporous Catalyst Systems. Chemical Engineering and Technology, 1998, 21, 401.	0.9	7
25	Low-Temperature Phase Transition of Water Confined in Mesopores Probed by NMR. Influence on Pore Size Distribution. The Journal of Physical Chemistry, 1996, 100, 2195-2200.	2.9	178
26	Synthesis of a mesoporous MCM-48 material containing only tetrahedral aluminium. Chemical Communications, 1996, , 875-876.	2.2	52
27	Pore Structure Characterization of Porous Silica by ^1H NMR Using Water, Benzene, and Cyclohexane as Probe Molecules. The Journal of Physical Chemistry, 1996, 100, 11396-11401.	2.9	75
28	Characterization of zeolitic materials by solid-state NMR – State of the art. Studies in Surface Science and Catalysis, 1996, 102, 141-189.	1.5	14
29	Isobutane/2-butene alkylation on dealuminated H EMT and H FAU. Catalysis Letters, 1996, 40, 51-58.	1.4	29
30	Self-diffusion coefficient of water confined in mesoporous MCM-41 materials determined by ^1H nuclear magnetic resonance spin-echo measurements. Microporous Materials, 1995, 5, 143-150.	1.6	40
31	MCM-41: a model system for adsorption studies on mesoporous materials. Microporous Materials, 1995, 3, 443-448.	1.6	152
32	High-resolution electron microscopy and X-ray diffraction studies of MCM-48. Microporous Materials, 1995, 5, 1-7.	1.6	97
33	Characterisation of a cubic mesoporous MCM-48 compared to a hexagonal MCM-41. Studies in Surface Science and Catalysis, 1995, 97, 149-156.	1.5	18
34	Water-Saturated Mesoporous MCM-41 Systems Characterized by ^1H NMR. The Journal of Physical Chemistry, 1994, 98, 1926-1928.	2.9	82
35	Synthesis of Al-Containing MCM-41 Materials: Template Interaction and Removal. Studies in Surface Science and Catalysis, 1994, , 61-68.	1.5	86
36	Synthesis of a mesoporous MCM-41 material with high levels of tetrahedral aluminium. Journal of the Chemical Society Chemical Communications, 1994, , 1493-1494.	2.0	141

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37	Conversion of Methanol to Light Olefins over Sapo-17 Molecular Sieve. Studies in Surface Science and Catalysis, 1994, 81, 393-398.	1.5	6