JiÅÃ- ÄŒejka

List of Publications by Year
in descending order

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345	16,058	16451 64	25787 108
papers	citations	h-index	g-index

374	374	374	10926
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly selective reduction of biomass-derived furfural by tailoring the microenvironment of Rh@BEA catalysts. Catalysis Today, 2022, 390-391, 295-305.	4.4	4
2	Tuning the CHA framework composition by isomorphous substitution for CO2/CH4 separation. Chemical Engineering Journal, 2022, 429, 131277.	12.7	12
3	Synthesis of cyclohexylphenol via phenol hydroalkylation using Co2P/zeolite catalysts. Catalysis Today, 2022, 390-391, 135-145.	4.4	3
4	MWW-type zeolite nanostructures for a one-pot three-component Prinsâ€“Friedelâ€“Crafts reaction. Inorganic Chemistry Frontiers, 2022, 9, 1244-1257.	6.0	7
5	Titanosilicates enhance carbon dioxide photocatalytic reduction. Applied Materials Today, 2022, 26, 101392.	4.3	5
6	Controllable zeolite AST crystallization: between the classical and reversed crystal growth. Chemistry - A European Journal, 2022, , .	3.3	2
7	Adsorption and catalytic study of cyclopentyl methyl ether formation: structure-activity interplay in medium-pore zeolites. Applied Materials Today, 2022, 28, 101505.	4.3	1
8	Nanosponge hierarchical micro-mesoporous MFI zeolites as a high-performance catalyst for the hydroamination of methyl acrylate with aniline. Microporous and Mesoporous Materials, 2022, , 112087.	4.4	3
9	Catalytic and photocatalytic epoxidation over microporous titanosilicates with nanosheet or layered structure. Catalysis Today, 2021, 376, 28-35.	4.4	7
10	MWW and MFI Frameworks as Model Layered Zeolites: Structures, Transformations, Properties, and Activity. ACS Catalysis, 2021, 11, 2366-2396.	11.2	63
11	Toward Controlling Disassembly Step within the ADOR Process for the Synthesis of Zeolites. Chemistry of Materials, 2021, 33, 1228-1237.	6.7	11
12	Gas-phase etherification of cyclopentanol with methanol to cyclopentyl methyl ether catalyzed by zeolites. Applied Catalysis A: General, 2021, 618, 118122.	4.3	4
13	Vapor phase acylation of guaiacol with acetic acid over micro, nano and hierarchical MFI and BEA zeolites. Applied Catalysis B: Environmental, 2021, 285, 119826.	20.2	16
14	Imidazolium-type ionic liquid-assisted formation of the MFI zeolite loaded with metal nanoparticles for hydrogenation reactions. Chemical Engineering Journal, 2021, 412, 128599.	12.7	11
15	Exfoliated Ferrierite-Related Unilamellar Nanosheets in Solution and Their Use for Preparation of Mixed Zeolite Hierarchical Structures. Journal of the American Chemical Society, 2021, 143, 11052-11062.	13.7	18
16	Reverse ADOR: reconstruction of UTL zeolite from layered IPC-1P. Materials Advances, 2021, 2, 3862-3870.	5.4	4
17	Nanosponge TSâ€1: A Fully Crystalline Hierarchical Epoxidation Catalyst. Advanced Materials Interfaces, 2021, 8, 2001288.	3.7	9
18	The Role of Water Loading and Germanium Content in Germanosilicate Hydrolysis. Journal of Physical Chemistry C, 2021, 125, 23744-23757.	3.1	12

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19	Structural transformation and chemical modifications of the unusual layered zeolite MWW form SSZ-70. Catalysis Today, 2020, 354, 133-140.	4.4	11
20	High activity of Ga-containing nanosponge MTW zeolites in acylation of p-xylene. Catalysis Today, 2020, 345, 110-115.	4.4	4
21	Advances and challenges in zeolite synthesis and catalysis. Catalysis Today, 2020, 345, 2-13.	4.4	40
22	Basolites: A type of Metal Organic Frameworks highly efficient in the one-pot synthesis of quinoxalines from Î±-hydroxy ketones under aerobic conditions. Catalysis Today, 2020, 345, 258-266.	4.4	11
23	Some novel porous materials for selective catalytic oxidations. Materials Today, 2020, 32, 244-259.	14.2	44
24	Synthesis of aggregation-resistant MFI nanoparticles. Catalysis Today, 2020, 354, 151-157.	4.4	2
25	Untangling the role of the organosilane functional groups in the synthesis of hierarchical ZSM-5 zeolite by crystallization of silanized protozeolitic units. Catalysis Today, 2020, 345, 27-38.	4.4	12
26	Guaiacol hydrodeoxygenation over Ni2P supported on 2D-zeolites. Catalysis Today, 2020, 345, 48-58.	4.4	41
27	Electronic/steric effects in hydrogenation of nitroarenes over the heterogeneous Pd@BEA and Pd@MWW catalysts. Catalysis Today, 2020, 345, 39-47.	4.4	11
28	Solvent-free ketalization of polyols over germanosilicate zeolites: the role of the nature and strength of acid sites. Catalysis Science and Technology, 2020, 10, 8254-8264.	4.1	17
29	Zeolite (In)Stability under Aqueous or Steaming Conditions. Advanced Materials, 2020, 32, e2003264.	21.0	75
30	Hierarchical Beta zeolites as catalysts in a one-pot three-component cascade Prinsâ€“Friedelâ€“Crafts reaction. Green Chemistry, 2020, 22, 6992-7002.	9.0	14
31	Selective Recovery and Recycling of Germanium for the Design of Sustainable Zeolite Catalysts. ACS Sustainable Chemistry and Engineering, 2020, 8, 8235-8246.	6.7	23
32	Fine-tuning hierarchical ZSM-5 zeolite by controlled aggregation of protozeolitic units functionalized with tertiary amine-containing organosilane. Microporous and Mesoporous Materials, 2020, 303, 110189.	4.4	13
33	Synthesis and Postâ€Synthesis Transformation of Germanosilicate Zeolites. Angewandte Chemie, 2020, 132, 19548-19557.	2.0	4
34	Synthesis and Postâ€Synthesis Transformation of Germanosilicate Zeolites. Angewandte Chemie - International Edition, 2020, 59, 19380-19389.	13.8	48
35	Liquid dispersions of zeolite monolayers with high catalytic activity prepared by soft-chemical exfoliation. Science Advances, 2020, 6, eaay8163.	10.3	37
36	Incorporation of Ti as a Pyramidal Framework Site in the Monoâ€Layered MCMâ€56 Zeolite and its Oxidation Activity. ChemCatChem, 2019, 11, 520-527.	3.7	14

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37	2D Oxide Nanomaterials to Address the Energy Transition and Catalysis. Advanced Materials, 2019, 31, e1801712.	21.0	88
38	Synthesis of Pt-MWW with controllable nanoparticle size. Catalysis Today, 2019, 324, 135-143.	4.4	17
39	Vapour-phase-transport rearrangement technique for the synthesis of new zeolites. Nature Communications, 2019, 10, 5129.	12.8	29
40	Synthesis and Characterisation of Hierarchically Structured Titanium Silicaliteâ€1 Zeolites with Large Intracrystalline Macropores. Chemistry - A European Journal, 2019, 25, 14430-14440.	3.3	41
41	SBA-15 as a Support for Effective Olefin Metathesis Catalysts. Catalysts, 2019, 9, 743.	3.5	11
42	Controlling dispersion and accessibility of Pd nanoparticles via 2D-to-3D zeolite transformation for shape-selective catalysis: Pd@MWW case. Materials Today Nano, 2019, 8, 100056.	4.6	9
43	The crucial role of clay binders in the performance of ZSM-5 based materials for biomass catalytic pyrolysis. Catalysis Science and Technology, 2019, 9, 789-802.	4.1	35
44	A procedure for identifying possible products in the assemblyâ€“disassemblyâ€“organizationâ€“reassembly (ADOR) synthesis of zeolites. Nature Protocols, 2019, 14, 781-794.	12.0	22
45	Encapsulation of Pt nanoparticles into IPC-2 and IPC-4 zeolites using the ADOR approach. Microporous and Mesoporous Materials, 2019, 279, 364-370.	4.4	31
46	Magneto-structural correlations of novel kagomÃ©-type metal organic frameworks. Journal of Materials Chemistry C, 2019, 7, 6692-6697.	5.5	10
47	Isoreticular UTL-Derived Zeolites as Model Materials for Probing Pore Sizeâ€“Activity Relationship. ACS Catalysis, 2019, 9, 5136-5146.	11.2	22
48	A new layered MWW zeolite synthesized with the bifunctional surfactant template and the updated classification of layered zeolite forms obtained by direct synthesis. Journal of Materials Chemistry A, 2019, 7, 7701-7709.	10.3	41
49	The BrÃ¸nsted acidity of three- and two-dimensional zeolites. Microporous and Mesoporous Materials, 2019, 282, 121-132.	4.4	21
50	Novel approach towards Al-rich AFI for catalytic application. Applied Catalysis A: General, 2019, 577, 62-68.	4.3	2
51	H/D reactivity and acidity of BrÃ¸nsted acid sites of MWW zeolites: Comparison with MFI zeolite. Applied Catalysis A: General, 2019, 575, 180-186.	4.3	10
52	Experimental and theoretical study of propene adsorption on alkali metal exchanged FER zeolites. Microporous and Mesoporous Materials, 2019, 280, 203-210.	4.4	8
53	Needs and Gaps for Catalysis in Addressing Transitions in Chemistry and Energy from a Sustainability Perspective. ChemSusChem, 2019, 12, 621-632.	6.8	19
54	Mordenite nanorods and nanosheets prepared in presence of gemini type surfactants. Catalysis Today, 2019, 324, 115-122.	4.4	17

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55	Tuning the Porosity and Photocatalytic Performance of Triazineâ€Based Graphdiyne Polymers through Polymorphism. ChemSusChem, 2019, 12, 194-199.	6.8	39
56	Î±-Pinene oxide isomerization: role of zeolite structure and acidity in the selective synthesis of campholenic aldehyde. Catalysis Science and Technology, 2018, 8, 2488-2501.	4.1	22
57	Microporous Leadâ€“Organic Framework for Selective CO₂ Adsorption and Heterogeneous Catalysis. Inorganic Chemistry, 2018, 57, 1774-1786.	4.0	31
58	The effect of pore size dimensions in isoreticular zeolites on carbon dioxide adsorption heats. Journal of CO2 Utilization, 2018, 24, 157-163.	6.8	32
59	Carbon dioxide adsorption over amine modified silica: Effect of amine basicity and entropy factor on isosteric heats of adsorption. Chemical Engineering Journal, 2018, 348, 327-337.	12.7	57
60	Highly Active Layered Titanosilicate Catalyst with High Surface Density of Isolated Titanium on the Accessible Interlayer Surface. ChemCatChem, 2018, 10, 2536-2540.	3.7	25
61	Pillaring of layered zeolite precursors with ferrierite topology leading to unusual molecular sieves on the micro/mesoporous border. Dalton Transactions, 2018, 47, 3029-3037.	3.3	16
62	The effect of hot liquid water treatment on the properties and catalytic activity of MWW zeolites with various layered structures. Catalysis Today, 2018, 304, 22-29.	4.4	10
63	Performance of MCM-22 zeolite for the catalytic fast-pyrolysis of acid-washed wheat straw. Catalysis Today, 2018, 304, 30-38.	4.4	32
64	Characterization of potassium-modified FAU zeolites and their performance in aldol condensation of furfural and acetone. Applied Catalysis A: General, 2018, 549, 8-18.	4.3	41
65	Pressure-induced chemistry for the 2D to 3D transformation of zeolites. Journal of Materials Chemistry A, 2018, 6, 5255-5259.	10.3	21
66	Insight into the ADOR zeolite-to-zeolite transformation: the UOV case. Dalton Transactions, 2018, 47, 3084-3092.	3.3	14
67	New catalytic materials for energy and chemistry in transition. Chemical Society Reviews, 2018, 47, 8066-8071.	38.1	27
68	From 3D to 2D zeolite catalytic materials. Chemical Society Reviews, 2018, 47, 8263-8306.	38.1	230
69	Efficient and Reusable Pb(II) Metalâ€“Organic Framework for Knoevenagel Condensation. Catalysis Letters, 2018, 148, 2263-2273.	2.6	25
70	Engineering the acidity and accessibility of the zeolite ZSM-5 for efficient bio-oil upgrading in catalytic pyrolysis of lignocellulose. Green Chemistry, 2018, 20, 3499-3511.	9.0	101
71	Fluorescent Sulphurâ€and Nitrogenâ€Containing Porous Polymers with Tuneable Donorâ€“Acceptor Domains for Lightâ€Driven Hydrogen Evolution. Chemistry - A European Journal, 2018, 24, 11916-11921.	3.3	38
72	Highly selective synthesis of campholenic aldehyde over Ti-MWW catalysts by Î±-pinene oxide isomerization. Catalysis Science and Technology, 2018, 8, 4690-4701.	4.1	33

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73	Zeolite framework functionalisation by tuneable incorporation of various metals into the IPC-2 zeolite. Inorganic Chemistry Frontiers, 2018, 5, 2746-2755.	6.0	17
74	Surfactant-directed mesoporous zeolites with enhanced catalytic activity in tetrahydropyranylation of alcohols: Effect of framework type and morphology. Applied Catalysis A: General, 2017, 537, 24-32.	4.3	23
75	In situ solid-state NMR and XRD studies of the ADOR process and the unusual structure of zeolite IPC-6. Nature Chemistry, 2017, 9, 1012-1018.	13.6	63
76	Microwave heating and the fast ADOR process for preparing zeolites. Journal of Materials Chemistry A, 2017, 5, 8037-8043.	10.3	8
77	Metathesis of 2-pentene over Mo and W supported mesoporous molecular sieves MCM-41 and SBA-15. Journal of Industrial and Engineering Chemistry, 2017, 53, 119-126.	5.8	17
78	Biomass catalytic fast pyrolysis over hierarchical ZSM-5 and Beta zeolites modified with Mg and Zn oxides. Biomass Conversion and Biorefinery, 2017, 7, 289-304.	4.6	67
79	Assemblyâ€“Disassemblyâ€“Organizationâ€“Reassembly Synthesis of Zeolites Based on cfi-Type Layers. Chemistry of Materials, 2017, 29, 5605-5611.	6.7	60
80	Zeolite supported palladium catalysts for hydroalkylation of phenolic model compounds. Microporous and Mesoporous Materials, 2017, 252, 116-124.	4.4	18
81	Baeyerâ€“Villiger Oxidation of Cyclic Ketones by Using Tinâ€“Silica Pillared Catalysts. ChemCatChem, 2017, 9, 3063-3072.	3.7	29
82	Expansion of the ADOR Strategy for the Synthesis of Zeolites: The Synthesis of IPCâ€12 from Zeolite UOV. Angewandte Chemie - International Edition, 2017, 56, 4324-4327.	13.8	70
83	Expansion of the ADOR Strategy for the Synthesis of Zeolites: The Synthesis of IPCâ€12 from Zeolite UOV. Angewandte Chemie, 2017, 129, 4388-4391.	2.0	12
84	Catalytic cracking of vacuum gasoil over -SVR, ITH, and MFI zeolites as FCC catalyst additives. Fuel Processing Technology, 2017, 161, 23-32.	7.2	31
85	Consecutive interlayer disassemblyâ€“reassembly during alumination of UOV zeolites: insight into the mechanism. Journal of Materials Chemistry A, 2017, 5, 22576-22587.	10.3	19
86	Twinned Growth of Metalâ€Free, Triazineâ€Based Photocatalyst Films as Mixedâ€Dimensional (2D/3D) van der Waals Heterostructures. Advanced Materials, 2017, 29, 1703399.	21.0	59
87	Tailored Band Gaps in Sulfurâ€and Nitrogenâ€Containing Porous Donorâ€“Acceptor Polymers. Chemistry - A European Journal, 2017, 23, 13023-13027.	3.3	35
88	Adsorption and Diffusion of C₁ to C₄ Alkanes in Dual-Porosity Zeolites by Molecular Simulations. Langmuir, 2017, 33, 11126-11137.	3.5	23
89	Effect of hierarchical porosity in Beta zeolites on the Beckmann rearrangement of oximes. Catalysis Science and Technology, 2017, 7, 181-190.	4.1	30
90	Superior Activity of Isomorphously Substituted MOFs with MILâ€100(M=Al, Cr, Fe, In, Sc, V) Structure in the Prins Reaction: Impact of Metal Type. ChemPlusChem, 2017, 82, 152-159.	2.8	26

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91	Two-Dimensional Silica-Based Inorganic Networks. , 2017, , 475-501.		1
92	Metalâ€“Organic Frameworks Mâ€MOFâ€74 and Mâ€MILâ€100: Comparison of Textural, Acidic, and Catalytic Properties. ChemPlusChem, 2016, 81, 828-835.	2.8	28
93	Structural analysis of IPC zeolites and related materials using positron annihilation spectroscopy and high-resolution argon adsorption. Physical Chemistry Chemical Physics, 2016, 18, 15269-15277.	2.8	21
94	Tuning of textural properties of germanosilicate zeolites ITH and IWW by acidic leaching. Journal of Energy Chemistry, 2016, 25, 318-326.	12.9	16
95	Aldol condensation of furfural with acetone over ion-exchanged and impregnated potassium BEA zeolites. Journal of Molecular Catalysis A, 2016, 424, 358-368.	4.8	56
96	Accessibility enhancement of TS-1-based catalysts for improving the epoxidation of plant oil-derived substrates. Catalysis Science and Technology, 2016, 6, 7280-7288.	4.1	39
97	The effect of alkylation route on ethyltoluene production over different structural types of zeolites. Chemical Engineering Journal, 2016, 306, 1071-1080.	12.7	13
98	Combined PDF and Rietveld studies of ADORable zeolites and the disordered intermediate IPC-1P. Dalton Transactions, 2016, 45, 14124-14130.	3.3	9
99	Synthesis of Zeolites Using the ADOR (Assembly-Disassembly-Organization-Reassembly) Route. Journal of Visualized Experiments, 2016, , e53463.	0.3	3
100	The effect of the zeolite pore size on the Lewis acid strength of extra-framework cations. Physical Chemistry Chemical Physics, 2016, 18, 18063-18073.	2.8	9
101	Interconversion of the CDO Layered Precursor ZSM-55 between FER and CDO Frameworks by Controlled Deswelling and Reassembly. Chemistry of Materials, 2016, 28, 3616-3619.	6.7	16
102	Catalytic cracking of Arabian Light VGO over novel zeolites as FCC catalyst additives for maximizing propylene yield. Fuel, 2016, 167, 226-239.	6.4	67
103	A novel zinc(<scp>ii</scp>) metalâ€“organic framework with a diamond-like structure: synthesis, study of thermal robustness and gas adsorption properties. Dalton Transactions, 2016, 45, 1233-1242.	3.3	26
104	Lamellar and pillared ZSM-5 zeolites modified with MgO and ZnO for catalytic fast-pyrolysis of eucalyptus woodchips. Catalysis Today, 2016, 277, 171-181.	4.4	116
105	Bidimensional ZSM-5 zeolites probed as catalysts for polyethylene cracking. Catalysis Science and Technology, 2016, 6, 2754-2765.	4.1	32
106	Selective oxidation of bulky organic sulphides over layered titanosilicate catalysts. Catalysis Science and Technology, 2016, 6, 2775-2786.	4.1	40
107	Zeolite-derived hybrid materials with adjustable organic pillars. Chemical Science, 2016, 7, 3589-3601.	7.4	26
108	Two-dimensional zeolites in catalysis: current status and perspectives. Catalysis Science and Technology, 2016, 6, 2467-2484.	4.1	161

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109	UTL titanosilicate: An extra-large pore epoxidation catalyst with tunable textural properties. Catalysis Today, 2016, 277, 2-8.	4.4	51
110	The effect of UTL layer connectivity in isoreticular zeolites on the catalytic performance in toluene alkylation. Catalysis Today, 2016, 277, 55-60.	4.4	16
111	Synthesis of â€˜unfeasibleâ€™ zeolites. Nature Chemistry, 2016, 8, 58-62.	13.6	186
112	Three-dimensional 10-ring zeolites: The activities in toluene alkylation and disproportionation. Catalysis Today, 2016, 259, 97-106.	4.4	16
113	Ru complexes of Hoveydaâ€“Grubbs type immobilized on lamellar zeolites: activity in olefin metathesis reactions. Beilstein Journal of Organic Chemistry, 2015, 11, 2087-2096.	2.2	19
114	Annulation of phenols with methylbutenol over MOFs: The role of catalyst structure and acid strength in producing 2,2-dimethylbenzopyran derivatives. Microporous and Mesoporous Materials, 2015, 202, 297-302.	4.4	13
115	Remarkable catalytic properties of hierarchical zeolite-Beta in epoxide rearrangement reactions. Catalysis Today, 2015, 243, 141-152.	4.4	27
116	Selective production of xylenes from alkyl-aromatics and heavy reformates over dual-zeolite catalyst. Catalysis Today, 2015, 243, 118-127.	4.4	13
117	Swelling and Interlayer Chemistry of Layered MWW Zeolites MCM-22 and MCM-56 with High Al Content. Chemistry of Materials, 2015, 27, 4620-4629.	6.7	64
118	Titanium impregnated borosilicate zeolites for epoxidation catalysis. Microporous and Mesoporous Materials, 2015, 212, 28-34.	4.4	30
119	Exploiting chemically selective weakness in solids as a route to new porous materials. Nature Chemistry, 2015, 7, 381-388.	13.6	153
120	Post-synthesis incorporation of Al into germanosilicate ITH zeolites: the influence of treatment conditions on the acidic properties and catalytic behavior in tetrahydropyranylation. Catalysis Science and Technology, 2015, 5, 2973-2984.	4.1	29
121	The ADOR mechanism for the synthesis of new zeolites. Chemical Society Reviews, 2015, 44, 7177-7206.	38.1	275
122	Mesoporous MFI Zeolite Nanosponge as a High-Performance Catalyst in the Pechmann Condensation Reaction. ACS Catalysis, 2015, 5, 2596-2604.	11.2	74
123	Toward understanding of the role of Lewis acidity in aldol condensation of acetone and furfural using MOF and zeolite catalysts. Catalysis Today, 2015, 243, 158-162.	4.4	93
124	The Assemblyâ€Disassemblyâ€Organizationâ€Reassembly Mechanism for 3Dâ€2Dâ€3D Transformation of Germanosilicate IWW Zeolite. Angewandte Chemie - International Edition, 2014, 53, 7048-7052.	13.8	62
125	From Doubleâ€Fourâ€Ring Germanosilicates to New Zeolites: In Silico Investigation. ChemPhysChem, 2014, 15, 2972-2976.	2.1	31
126	Atomic Force Microscopy of Novel Zeolitic Materials Prepared by Topâ€Down Synthesis and ADOR Mechanism. Chemistry - A European Journal, 2014, 20, 10446-10450.	3.3	9

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127	Intercalation chemistry of layered zeolite precursor IPC-1P. Catalysis Today, 2014, 227, 37-44.	4.4	29
128	A novel nickel metalâ€“organic framework with fluorite-like structure: gas adsorption properties and catalytic activity in Knoevenagel condensation. Dalton Transactions, 2014, 43, 3730.	3.3	83
129	Synthesis and catalytic evaluation in the Heck reaction of deposited palladium catalysts immobilized via amide linkers and their molecular analogues. Catalysis Today, 2014, 227, 207-214.	4.4	13
130	Synthesis and catalytic properties of titanium containing extra-large pore zeolite CIT-5. Catalysis Today, 2014, 227, 80-86.	4.4	24
131	Selective synthesis of linear alkylbenzene by alkylation of benzene with 1-dodecene over desilicated zeolites. Catalysis Today, 2014, 227, 187-197.	4.4	36
132	Two-Dimensional Zeolites: Current Status and Perspectives. Chemical Reviews, 2014, 114, 4807-4837.	47.7	625
133	Annulation of Phenols: Catalytic Behavior of Conventional and 2â€‰D Zeolites. ChemCatChem, 2014, 6, 1919-1927.	3.7	21
134	Heterogeneous Pd catalysts supported on silica matrices. RSC Advances, 2014, 4, 65137-65162.	3.6	137
135	Swelling and pillaring of the layered precursor IPC-1P: tiny details determine everything. Dalton Transactions, 2014, 43, 10548.	3.3	23
136	Theoretical investigation of layered zeolites with MWW topology: MCM-22P vs. MCM-56. Dalton Transactions, 2014, 43, 10443-10450.	3.3	33
137	The aqueous colloidal suspension of ultrathin 2D MCM-22P crystallites. Chemical Communications, 2014, 50, 7378.	4.1	16
138	Germanosilicate Precursors of ADORable Zeolites Obtained by Disassembly of ITH, ITR, and IWR Zeolites. Chemistry of Materials, 2014, 26, 5789-5798.	6.7	60
139	Ru-Based Complexes with Quaternary Ammonium Tags Immobilized on Mesoporous Silica as Olefin Metathesis Catalysts. ACS Catalysis, 2014, 4, 3227-3236.	11.2	52
140	Catalysis by Dynamically Formed Defects in a Metalâ€“Organic Framework Structure: Knoevenagel Reaction Catalyzed by Copper Benzeneâ€‰1,3,5â€‰tricarboxylate. ChemCatChem, 2014, 6, 2821-2824.	3.7	54
141	High acidity unilamellar zeolite MCM-56 and its pillared and delaminated derivatives. Dalton Transactions, 2014, 43, 10501.	3.3	44
142	Zeolites with Continuously Tuneable Porosity. Angewandte Chemie - International Edition, 2014, 53, 13210-13214.	13.8	104
143	Recent Advances in Reactions of Alkylbenzenes Over Novel Zeolites: The Effects of Zeolite Structure and Morphology. Catalysis Reviews - Science and Engineering, 2014, 56, 333-402.	12.9	148
144	Hierarchical Hybrid Organicâ€“Inorganic Materials with Tunable Textural Properties Obtained Using Zeolitic-Layered Precursor. Journal of the American Chemical Society, 2014, 136, 2511-2519.	13.7	74

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145	Preparation and Catalytic Evaluation of a Palladium Catalyst Deposited over Twoâ€Dimensional Zeolite ITQâ€2 Modified with Nâ€Donor Groups. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 571-576.	1.2	0
146	Palladium Catalysts Deposited on Functionally Modified Siliceous Supports. , 2013, , 423-458.		2
147	CO2 Adsorption in Porous Materials. , 2013, , 535-558.		1
148	Metal organic frameworks as heterogeneous catalysts for the production of fine chemicals. Catalysis Science and Technology, 2013, 3, 2509.	4.1	270
149	Synthesis, characterization and sorption properties of zinc(II) metalâ€“organic framework containing methanetetrabenzoate ligand. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 437, 101-107.	4.7	21
150	Mesoporous molecular sieves as advanced supports for olefin metathesis catalysts. Coordination Chemistry Reviews, 2013, 257, 3107-3124.	18.8	78
151	Solid Acid Catalysts for Coumarin Synthesis by the Pechmann Reaction: MOFs versus Zeolites. ChemCatChem, 2013, 5, 1024-1031.	3.7	82
152	Application of Molecular Sieves in Transformations of Biomass and Biomass-Derived Feedstocks. Catalysis Reviews - Science and Engineering, 2013, 55, 1-78.	12.9	142
153	The importance of channel intersections in the catalytic performance of high silica stilbite. Journal of Catalysis, 2013, 298, 84-93.	6.2	24
154	Comparison of the catalytic activity of MOFs and zeolites in Knoevenagel condensation. Catalysis Science and Technology, 2013, 3, 500-507.	4.1	179
155	Transformation of aromatic hydrocarbons over isomorphously substituted UTL: Comparison with large and medium pore zeolites. Catalysis Today, 2013, 204, 22-29.	4.4	18
156	3D to 2D Routes to Ultrathin and Expanded Zeolitic Materials. Chemistry of Materials, 2013, 25, 542-547.	6.7	76
157	The effect of substrate size in the Beckmann rearrangement: MOFs vs. zeolites. Catalysis Today, 2013, 204, 94-100.	4.4	29
158	Metal Organic Frameworks as Solid Catalysts in Condensation Reactions of Carbonyl Groups. Advanced Synthesis and Catalysis, 2013, 355, 247-268.	4.3	97
159	UTL zeolite and the way beyond. Microporous and Mesoporous Materials, 2013, 182, 229-238.	4.4	18
160	Theoretical investigation of the FriedlÃnder reaction catalysed by CuBTC: Concerted effect of the adjacent Cu2+ sites. Catalysis Today, 2013, 204, 101-107.	4.4	33
161	Deactivation Pathways of the Catalytic Activity of Metalâ€“Organic Frameworks in Condensation Reactions. ChemCatChem, 2013, 5, 1553-1561.	3.7	52
162	The effect of MFI zeolite lamellar and related mesostructures on toluene disproportionation and alkylation. Catalysis Science and Technology, 2013, 3, 2119.	4.1	74

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163	Superior Performance of Metalâ€“Organic Frameworks over Zeolites as Solid Acid Catalysts in the Prins Reaction: Green Synthesis of Nopol. ChemSusChem, 2013, 6, 865-871.	6.8	63
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