Jan PÅech

List of Publications by Year
in descending order

20 papers	551 citations	687363 13 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	474 citing authors

#	Article	IF	Citations
1	Platinum nanoparticles supported on zeolite MWW nanosheets prepared via homogeneous solution route. Catalysis Today, 2022, 390-391, 335-342.	4.4	1
2	Reactivity of internal vs. external BrÃ¸nsted acid sites in nanosponge MFI: H/D exchange kinetic study. Microporous and Mesoporous Materials, 2022, 332, 111717.	4.4	1
3	Titanosilicates enhance carbon dioxide photocatalytic reduction. Applied Materials Today, 2022, 26, 101392.	4.3	5
4	Vermiculites catalyze unusual benzaldehyde and dioxane reactivity. Catalysis Today, 2021, 366, 218-226.	4.4	4
5	Nanosponge TSâ€1: A Fully Crystalline Hierarchical Epoxidation Catalyst. Advanced Materials Interfaces, 2021, 8, 2001288.	3.7	9
6	Gas-phase isomerisation of m-xylene on isoreticular zeolites with tuneable porosity. Catalysis Today, 2021, , .	4.4	5
7	Some novel porous materials for selective catalytic oxidations. Materials Today, 2020, 32, 244-259.	14.2	44
8	Selective Oxidation of Citronellol over Titanosilicate Catalysts. Catalysts, 2020, 10, 1284.	3.5	3
9	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
10	Catalytic activity of advanced titanosilicate zeolites in hydrogen peroxide S-oxidation of methyl(phenyl)sulfide. Catalysis Today, 2019, 324, 144-153.	4.4	22
11	The BrÃ¸nsted acidity of three- and two-dimensional zeolites. Microporous and Mesoporous Materials, 2019, 282, 121-132.	4.4	21
12	Catalytic performance of advanced titanosilicate selective oxidation catalysts â€“ a review. Catalysis Reviews - Science and Engineering, 2018, 60, 71-131.	12.9	135
13	Zeolite framework functionalisation by tuneable incorporation of various metals into the IPC-2 zeolite. Inorganic Chemistry Frontiers, 2018, 5, 2746-2755.	6.0	17
14	Baeyerâ€“Villiger Oxidation of Cyclic Ketones by Using Tinâ€“Silica Pillared Catalysts. ChemCatChem, 2017, 9, 3063-3072.	3.7	29
15	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
16	Selective oxidation of bulky organic sulphides over layered titanosilicate catalysts. Catalysis Science and Technology, 2016, 6, 2775-2786.	4.1	40
17	UTL titanosilicate: An extra-large pore epoxidation catalyst with tunable textural properties. Catalysis Today, 2016, 277, 2-8.	4.4	51
18	Titanium impregnated borosilicate zeolites for epoxidation catalysis. Microporous and Mesoporous Materials, 2015, 212, 28-34.	4.4	30

#	Article	IF	Citations
19	Epoxidation of bulky organic molecules over pillared titanosilicates. Catalysis Today, 2015, 243, 134-140.	4.4	57
20	Synthesis and catalytic properties of titanium containing extra-large pore zeolite CIT-5. Catalysis Today, 2014, 227, 80-86.	4.4	24