

Dandan Xu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,191
citations

758635

12
h-index

996533

15
g-index

17
all docs

17
docs citations

17
times ranked

1486
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Self-Pillared Zeolite Nanosheets by Repetitive Branching. <i>Science</i> , 2012, 336, 1684-1687.	6.0	655
2	Self-Pillared, Single-Unit-Cell MFI Zeolite Nanosheets and Their Use for Glucose and Lactose Isomerization. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10848-10851.	7.2	138
3	On the Synthesis and Adsorption Properties of Single-Unit-Cell Hierarchical Zeolites Made by Rotational Intergrowths. <i>Advanced Functional Materials</i> , 2014, 24, 201-208.	7.8	101
4	Simple quantification of zeolite acid site density by reactive gas chromatography. <i>Catalysis Science and Technology</i> , 2017, 7, 3831-3841.	2.1	51
5	Nanoscale Control of Homoepitaxial Growth on a Two-Dimensional Zeolite. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 535-539.	7.2	50
6	Pillared MWW Prepared by a Solid-State Exchange Method and its Use as a Lewis Acid Catalyst. <i>ChemCatChem</i> , 2016, 8, 1274-1278.	1.8	40
7	A quantitative study of the structure-activity relationship in hierarchical zeolites using liquid-phase reactions. <i>AIChE Journal</i> , 2019, 65, 1067-1075.	1.8	29
8	Steam-Induced Coarsening of Single-Unit-Cell MFI Zeolite Nanosheets and Its Effect on External Surface Brønsted Acid Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9579-9585.	7.2	26
9	Dehydro-decyclization of 2-methyltetrahydrofuran to pentadienes on boron-containing zeolites. <i>Green Chemistry</i> , 2020, 22, 4147-4160.	4.6	22
10	Nucleation, Growth, and Robust Synthesis of SPP Zeolite: Effect of Ethanol, Sodium, and Potassium. <i>Topics in Catalysis</i> , 2015, 58, 545-558.	1.3	15
11	Nanoscale Control of Homoepitaxial Growth on a Two-Dimensional Zeolite. <i>Angewandte Chemie</i> , 2017, 129, 550-554.	1.6	15
12	Activation and stabilization of a lipase nanogel using GMA for acryloylation. <i>Soft Matter</i> , 2012, 8, 2036.	1.2	10
13	Steam-Induced Coarsening of Single-Unit-Cell MFI Zeolite Nanosheets and Its Effect on External Surface Brønsted Acid Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 9666-9672.	1.6	5
14	Zeolites: On the Synthesis and Adsorption Properties of Single-Unit-Cell Hierarchical Zeolites Made by Rotational Intergrowths (<i>Adv. Funct. Mater.</i> 2/2014). <i>Advanced Functional Materials</i> , 2014, 24, 200-200.	7.8	2
15	Titelbild: Nanoscale Control of Homoepitaxial Growth on a Two-Dimensional Zeolite (<i>Angew. Chem.</i>) Tj ETQq1 1 0,784314 rgBT /Overl	1.6	0