

Veronika Pashkova

List of Publications by Year in descending order

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25
papers

825
citations

623734

14
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

863
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of ZSM-5 Zeolites with Defined Distribution of Al Atoms in the Framework and Multinuclear MAS NMR Analysis of the Control of Al Distribution. <i>Chemistry of Materials</i> , 2012, 24, 3231-3239.	6.7	190
2	Al-rich beta zeolites. Distribution of Al atoms in the framework and related protonic and metal-ion species. <i>Journal of Catalysis</i> , 2016, 333, 102-114.	6.2	86
3	Proton proximity – New key parameter controlling adsorption, desorption and activity in propene oligomerization over H-ZSM-5 zeolites. <i>Journal of Catalysis</i> , 2016, 344, 157-172.	6.2	71
4	Incorporation of Al at ZSM-5 hydrothermal synthesis. Tuning of Al pairs in the framework. <i>Microporous and Mesoporous Materials</i> , 2015, 202, 138-146.	4.4	70
5	Location of Framework Al Atoms in the Channels of ZSM-5: Effect of the (Hydrothermal) Synthesis. <i>Chemistry - A European Journal</i> , 2016, 22, 3937-3941.	3.3	68
6	Al Organization in the SSZ-13 Zeolite. Al Distribution and Extraframework Sites of Divalent Cations. <i>Journal of Physical Chemistry C</i> , 2019, 123, 7968-7987.	3.1	63
7	Acid and redox activity of template-free Al-rich H-BEA* and Fe-BEA* zeolites. <i>Journal of Catalysis</i> , 2014, 318, 22-33.	6.2	50
8	The activation of CO bond in acetone by Cu ⁺ cations in zeolites: IR studies and quantum chemical DFT calculations. <i>Catalysis Today</i> , 2005, 101, 117-122.	4.4	33
9	The activation of acetylene by Cu ⁺ ions in zeolites studied by IR spectroscopy. <i>Catalysis Today</i> , 2005, 101, 123-129.	4.4	29
10	Synthesis of the Zeolites from SBU: An SSZ-13 Study. <i>Chemistry of Materials</i> , 2021, 33, 1781-1788.	6.7	25
11	The proximity of aluminium atoms influences the reaction pathway of ethanol transformation over zeolite ZSM-5. <i>Communications Chemistry</i> , 2020, 3, .	4.5	23
12	Local Structure of Cationic Sites in Dehydrated Zeolites Inferred from ²⁷ Al Magic-Angle Spinning NMR and Density Functional Theory Calculations. A Study on Li-, Na-, and K-Chabazite. <i>Journal of Physical Chemistry C</i> , 2016, 120, 14216-14225.	3.1	18
13	Mechanochemical Pretreatment for Efficient Solvent-Free Synthesis of SSZ-13 Zeolite. <i>Chemistry - A European Journal</i> , 2019, 25, 12068-12073.	3.3	18
14	TNU-9 Zeolite: Aluminum Distribution and Extraframework Sites of Divalent Cations. <i>Chemistry - A European Journal</i> , 2017, 23, 8857-8870.	3.3	15
15	NMR crystallography of monovalent cations in inorganic matrixes: Li ⁺ siting and the local structure of Li ⁺ sites in ferrierites. <i>Chemical Communications</i> , 2015, 51, 8962-8965.	4.1	14
16	IR studies of coadsorption of organic molecules and CO on Cu ⁺ cations in zeolites. <i>Catalysis Today</i> , 2006, 114, 169-173.	4.4	13
17	Composite SBA-15/MFI Type Materials: Preparation, Characterization and Catalytic Performance. <i>Catalysis Letters</i> , 2009, 128, 64-71.	2.6	12
18	Self-templating synthesis of hollow spheres of zeolite ZSM-5 from spray-dried aluminosilicate precursor. <i>Microporous and Mesoporous Materials</i> , 2016, 228, 59-63.	4.4	8

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19	Milling Activation for the Solvent-Free Synthesis of the Zeolite Mordenite. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2791-2797.	2.0	8
20	Ultrasonic Pretreatment as a Tool for the Preparation of Low-Defect Zeolite Mordenite. <i>ACS Omega</i> , 2021, 6, 2340-2345.	3.5	4
21	Milling Activation for the Solvent-Free Synthesis of Zeolites. A Practical Guide. <i>Catalysts</i> , 2021, 11, 246.	3.5	4
22	Composite materials containing zeolitic layers deposited on the silica and silica/alumina porous monoliths. <i>Studies in Surface Science and Catalysis</i> , 2008, 174, 381-384.	1.5	1
23	Influence of the ultrasonic-assisted synthesis on Al distribution in a MOR zeolite: from gel to resulting material. <i>New Journal of Chemistry</i> , 0, , .	2.8	1
24	Formation and nature of active sites in the FAU-and BEA-composites. <i>Studies in Surface Science and Catalysis</i> , 2008, , 845-848.	1.5	0
25	Frontispiece: Mechanochemical Pretreatment for Efficient Solvent-Free Synthesis of SSZ-13 Zeolite. <i>Chemistry - A European Journal</i> , 2019, 25, .	3.3	0