Oleksiy V Shvets

List of Publications by Year
in descending order

68	1,364	516710 16	345221 36
papers	citations	h-index	g-index

68	68	68	1216
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hierarchical zeolites as efficient catalysts for dehydration of substituted indanols. Journal of Solid State Chemistry, 2022, 309, 122942.	2.9	4
2	Hierarchical zeolite materials with basic properties as active catalysts in cycloaddition of carbon dioxide to epoxides reaction. Materials Today: Proceedings, 2022, , .	1.8	1
3	Effect of Production Conditions of Hierarchical SnAl-BEA Zeolites on Their Acidity and Catalytic Activity in Tandem Process for the Production of 4-Methoxybenzyl-sec-Butyl Ether. Theoretical and Experimental Chemistry, 2019, 55, 56-63.	0.8	4
4	Insight into the active site nature of zeolite H-BEA for liquid phase etherification of isobutylene with ethanol. RSC Advances, 2019, 9, 35957-35968.	3.6	15
5	Mordenite nanorods and nanosheets prepared in presence of gemini type surfactants. Catalysis Today, 2019, 324, 115-122.	4.4	17
6	Effect of Nature of Heteroelement (Ba, Ga, Al) on Adsorption and Acid Characteristics of Hierarchical Porous Zeolites of MOR, BEA, and MTW Structural Types. Theoretical and Experimental Chemistry, 2018, 53, 410-416.	0.8	7
7	Hierarchical Zrâ€MTW Zeolites Doped with Copper as Catalysts of Ethanol Conversion into 1,3â€Butadiene. ChemistrySelect, 2018, 3, 8539-8546.	1.5	22
8	Morphology and Catalytic Properties of Hierarchical Zeolites with MOR, BEA, MFI, and MTW Topology. Theoretical and Experimental Chemistry, 2018, 54, 138-145.	0.8	7
9	Catalytic Properties of Hierarchical Zeolites ZrAl-BEA in the Synthesis of 4-Methoxybenzyl sec-Butyl Ether from Anisaldehyde. Theoretical and Experimental Chemistry, 2017, 53, 122-129.	0.8	8
10	New Approaches to Creation of Micro- and Mesoporous Functional Materials. Theoretical and Experimental Chemistry, 2017, 53, 327-337.	0.8	2
11	Effect of Introduction of B3+ OR Al3+ Ions in the Structure of Ti-, Sn-, AND Zr-Containing Heirarchical Zeolites on the Concentration of Lewis and BrÃ¸nsted Acid Centers. Theoretical and Experimental Chemistry, 2016, 52, 190-196.	0.8	11
12	Effect of Structural, Size, and Acid Characteristics of Hierarchical BEA and MOR Zeolites on Their Activity in the Catalytic Reduction of N2O and no by Propylene. Theoretical and Experimental Chemistry, 2016, 52, 90-96.	0.8	14
13	Anomalous Increase of Mesopore Size in Sba-15 Type Molecular Sieve Using Solubilized Trinuclear Complex of Chromium(Iii) as Template. Theoretical and Experimental Chemistry, 2015, 51, 133-139.	0.8	0
14	Photochemical Reduction of Silver and Tetrachloroaurate Ions on the Surface of Nanostructured Sn3O4 Under the Influence of Visible Light. Theoretical and Experimental Chemistry, 2015, 51, 177-182.	0.8	1
15	Effect of Template Structure and Synthesis Conditions on the Adsorption and Acid Properties of Hierarchical Titanosilicate MTW Zeolites. Theoretical and Experimental Chemistry, 2015, 51, 216-223.	0.8	9
16	Effect of the Acidity of Ca,H-Bea Zeolites on Their Catalytic Characteristics in the Dimethyl Ether Production from Methanol. Theoretical and Experimental Chemistry, 2015, 51, 327-332.	0.8	4
17	Effect of Iron, Titanium, Vanadium, and Indium Oxides on the Width of the Band Gap and Photoluminescence Intensity of Mesoporous Tin Oxide. Theoretical and Experimental Chemistry, 2014, 49, 396-401.	0.8	1
18	Effect of the composition of an oxide coating and the preparation method of block catalysts on their activity in the deep oxidation of methane. Catalysis in Industry, 2014, 6, 88-93.	0.7	5

#	Article	IF	Citations
19	Germanosilicate Precursors of ADORable Zeolites Obtained by Disassembly of ITH, ITR, and IWR Zeolites. Chemistry of Materials, 2014, 26, 5789-5798.	6.7	60
20	Influence of thermal treatments on phase composition and acidity of mesoporous tungsten oxide. Microporous and Mesoporous Materials, 2014, 194, 15-23.	4.4	6
21	Effect of synthesis conditions and doping of mesoporous tin dioxide on the properties of electrodes for rechargeable lithium-ion batteries based on it. Theoretical and Experimental Chemistry, 2013, 49, 135-141.	0.8	0
22	The influence of preparation conditions and doping on the physicochemical and sensor properties of mesoporous tin oxide. Sensors and Actuators B: Chemical, 2013, 177, 643-653.	7.8	11
23	Transformation of aromatic hydrocarbons over isomorphously substituted UTL: Comparison with large and medium pore zeolites. Catalysis Today, 2013, 204, 22-29.	4.4	18
24	3D to 2D Routes to Ultrathin and Expanded Zeolitic Materials. Chemistry of Materials, 2013, 25, 542-547.	6.7	76
25	UTL zeolite and the way beyond. Microporous and Mesoporous Materials, 2013, 182, 229-238.	4.4	18
26	A family of zeolites with controlled pore size prepared using a top-down method. Nature Chemistry, 2013, 5, 628-633.	13.6	355
27	Extraâ€Largeâ€Pore Zeolites with UTL Topology: Control of the Catalytic Activity by Variation in the Nature of the Active Sites. ChemCatChem, 2013, 5, 1891-1898.	3.7	24
28	Catalytic performance of Metal-Organic-Frameworks vs. extra-large pore zeolite UTL in condensation reactions. Frontiers in Chemistry, 2013, 1, 11.	3.6	10
29	The Effect of Synthesis Conditions and Nature of Heteroelement on Acidic Properties of Isomorphously Substituted UTL Zeolites. Advanced Porous Materials, 2013, 1, 103-113.	0.3	11
30	Effect of synthesis and doping conditions on the physical and chemical properties of mesoporous tin dioxide. Theoretical and Experimental Chemistry, 2012, 48, 265-271.	0.8	5
31	Synthesis of isomorphously substituted extra-large pore UTL zeolites. Journal of Materials Chemistry, 2012, 22, 15793.	6.7	66
32	Isomorphous Introduction of Boron in Germanosilicate Zeolites with UTL Topology. Chemistry of Materials, 2011, 23, 2573-2585.	6.7	38
33	Postsynthesis Transformation of Three-Dimensional Framework into a Lamellar Zeolite with Modifiable Architecture. Journal of the American Chemical Society, 2011, 133, 6130-6133.	13.7	208
34	Magnetic and Sorption Properties of Supramolecular Systems Based on Pentanuclear Copper(II) 12â€Metallacrownâ€4 Complexes and Isomeric Phthalates: Structural Modeling of the Different Stages of Alcohol Sorption. European Journal of Inorganic Chemistry, 2011, 2011, 4826-4836.	2.0	47
35	Structural Flexibility and Sorption Properties of 2D Porous Coordination Polymers Constructed from Trinuclear Heterometallic Pivalates and 4,4â€²â€Bipyridine. European Journal of Inorganic Chemistry, 2011, 2011, 4985-4992.	2.0	28
36	The Role of Template Structure and Synergism between Inorganic and Organic Structure Directing Agents in the Synthesis of UTL Zeolite. Chemistry of Materials, 2010, 22, 3482-3495.	6.7	78

#	Article	IF	Citations
37	Structural and sorption properties of carbon replicas obtained by matrix carbonization of organic precursors in SBA-15 and KIT-6. Theoretical and Experimental Chemistry, 2010, 46, 51-57.	0.8	5
38	Effect of synthesis conditions on the structure and sorption properties of films based on mesoporous tin dioxide. Theoretical and Experimental Chemistry, 2010, 46, 197-202.	0.8	8
39	Catalytic perfomance of rhodium chalcogen halides and rhodium chalcogenides over silica supports in methane oxidative carbonylation. Journal of Natural Gas Chemistry, 2009, 18, 399-406.	1.8	6
40	Kinetics of matrix polymerization of divinylbenzene in the mesoporous molecular sieve SBA-15. Theoretical and Experimental Chemistry, 2009, 45, 362-367.	0.8	0
41	Effect of the chemical and structural modification of CMK-3 mesoporous carbon molecular sieve on hydrogen adsorption. Theoretical and Experimental Chemistry, 2009, 45, 380-385.	0.8	3
42	Approaches to the structuring and functionalizing of molecular sieves. Petroleum Chemistry, 2009, 49, 23-29.	1.4	0
43	Influence of specific interactions on the sorption characteristics of porous complexes of 3d metals with derivatives of 4,4â€²-diazophenyl. Theoretical and Experimental Chemistry, 2008, 44, 60-65.	0.8	2
44	Field of concentrations and conditions of template structure formation of a silica mesoporous molecular sieves of MCM-48 type. Theoretical and Experimental Chemistry, 2008, 44, 195-199.	0.8	3
45	Effect of the conditions of the matrix carbonization of sucrose on the structure and adsorption properties of mesoporous carbon materials. Theoretical and Experimental Chemistry, 2008, 44, 374-379.	0.8	1
46	The Role of Crystallization Parameters for the Synthesis of Germanosilicate with UTL Topology. Chemistry - A European Journal, 2008, 14, 10134-10140.	3.3	37
47	The influence of metal nature on the structure, adsorption and acidic properties of aluminophosphate with VFI structure. Studies in Surface Science and Catalysis, 2008, 174, 221-224.	1.5	0
48	Selective Isomorphism of Silicon, Aluminium and Titanium in the Extra-Large Pore Zeolite-Like Germanate IPC-3. Adsorption Science and Technology, 2008, 26, 29-35.	3.2	4
49	Characteristics of the Thermal Desorption and Conversion of Organic Templates in Micropores of Zeolite-like Phosphates. Adsorption Science and Technology, 2007, 25, 89-95.	3.2	2
50	Synthesis, structure, sorption and magnetic properties of Ni(II) and Cu(II) complexes with thiosemicarbazone of 2-hydroxybenzaldehyde, bridged by 4,4â€²-bipyridine. Inorganica Chimica Acta, 2007, 360, 1883-1889.	2.4	38
51	The special features of formation of nanotubes and mesoporous materials on the basis of vanadium oxides. Russian Journal of Physical Chemistry A, 2007, 81, 357-359.	0.6	1
52	The effect of the nature of included metal cations on the structure and the adsorption and acidic characteristics of VFI aluminophosphates. Theoretical and Experimental Chemistry, 2007, 43, 306-315.	0.8	2
53	Synthesis, structure and magnetic properties of porous magnetic composite, based on MCM-41 molecular sieve with Fe3O4 nanoparticles. Journal of Solid State Chemistry, 2006, 179, 2426-2432.	2.9	20
54	Influence of ion-exchange and impregnation modification of zeolite X on its catalytic properties in the alkylation of toluene with methanol. Theoretical and Experimental Chemistry, 2006, 42, 37-42.	0.8	2

#	Article	IF	Citations
55	Effect of the structure of bridging ligands on the structure and adsorption properties of 3D-coordinated copper(II) and cobalt(II) formate polymers. Theoretical and Experimental Chemistry, 2006, 42, 43-47.	0.8	1
56	Isomorphous inclusions of silicon, aluminum, and titanium in the germanate zeolite IPC-3. Theoretical and Experimental Chemistry, 2006, 42, 255-259.	0.8	0
57	Characteristics of the dehydration and thermal destruction of organic templates in microporous alumo-and silicaalumophosphates. Theoretical and Experimental Chemistry, 2006, 42, 260-265.	0.8	0
58	Sorption of hydrogen by MCM-41 molecular sieves containing nanoparticles of 3d metals or their oxides. Theoretical and Experimental Chemistry, 2006, 42, 271-276.	0.8	6
59	Adsorption of hydrocarbon sorbates. Chemistry and Technology of Fuels and Oils, 2006, 42, 116-119.	0.5	0
60	Effect of the Nature of Organic Templates and Alkali Metal Cations on the Phase Composition and Adsorption Properties of Novel High-Silica Zeolites IPC-1 And IPC-2. Theoretical and Experimental Chemistry, 2005, 41, 247-252.	0.8	2
61	Catalytic activity of nanosized Co-Cu oxide systems in the deep oxidation of methane. Theoretical and Experimental Chemistry, 2005, 41, 347-351.	0.8	5
62	Search of conditions for the synthesis of extra-large porous zeolites. Studies in Surface Science and Catalysis, 2005, 158, 287-294.	1.5	3
63	Exciton photoluminescence of ZnSe and CdS quantum dots in borosilicate glasses prepared by the sol-gel method. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2004, 97, 572-579.	0.6	9
64	Title is missing!. Colloid Journal, 2003, 65, 518-522.	1.3	1
65	Reducing Fuel Losses from Evaporation. Selection of the Optimum Sorbent. Chemistry and Technology of Fuels and Oils, 2003, 39, 257-264.	0.5	1
66	Q-dots and Q-wires in the microporous and mesoporous zeolite as matrix host-guest and guest-guest interaction. , 2001, , .		0
67	Preparation and Properties Quantized Semiconductor Particles in Zeolites. Studies in Surface Science and Catalysis, 1994, 84, 1099-1106.	1.5	8
68	Surface spectroscopy and structure of CdS/zeolite systems. Reaction Kinetics and Catalysis Letters, 1993, 50, 215-220.	0.6	3