Elena Khozina

List of Publications by Year
in descending order

23 papers	310 citations	1040056 9 h-index	888059 17 g-index
23 all docs	23 docs citations	23 times ranked	188 citing authors

#	Article	IF	Citations
1	ZrBDC-Based Functional Adsorbents for Small-Scale Methane Storage Systems. Adsorption Science and Technology, 2022, 2022, .	3.2	2
2	Deformation of Microporous Carbon Adsorbent Sorbonorit-4 during Methane Adsorption. Journal of Chemical & Engineering Data, 2022, 67, 1699-1714.	1.9	9
3	Carbon adsorbents for methane storage: genesis, synthesis, porosity, adsorption. Korean Journal of Chemical Engineering, 2021, 38, 276-291.	2.7	17
4	Peculiarities of Thermodynamic Behaviors of Xenon Adsorption on the Activated Carbon Prepared from Silicon Carbide. Nanomaterials, 2021, 11, 971.	4.1	6
5	Adsorption-Based Hydrogen Storage in Activated Carbons and Model Carbon Structures. Reactions, 2021, 2, 209-226.	2.1	22
6	Thermodynamics of methane adsorption on carbon adsorbent prepared from mineral coal. Adsorption, 2021, 27, 1095-1107.	3.0	9
7	Thermodynamic Behaviors of Adsorbed Methane Storage Systems Based on Nanoporous Carbon Adsorbents Prepared from Coconut Shells. Nanomaterials, 2020, 10, 2243.	4.1	19
8	Thermodynamics of Adsorbed Methane Storage Systems Based on Peat-Derived Activated Carbons. Nanomaterials, 2020, 10, 1379.	4.1	21
9	Monolithic microporous carbon adsorbent for low-temperature natural gas storage. Adsorption, 2019, 25, 1559-1573.	3.0	11
10	Metal-organic framework structures: adsorbents for natural gas storage. Russian Chemical Reviews, 2019, 88, 925-978.	6.5	57
11	Functional Composite Adsorbents Based on Metal-Organic Frameworks in a Carbon Matrix Applied for Methane Storage. Protection of Metals and Physical Chemistry of Surfaces, 2019, 55, 1080-1084.	1.1	4
12	Optimization of structural and energy characteristics of adsorbents for methane storage. Russian Chemical Bulletin, 2018, 67, 1814-1822.	1.5	21
13	Porous carbon-based adsorption systems for natural gas (methane) storage. Russian Chemical Reviews, 2018, 87, 950-983.	6.5	48
14	Adsorption-Induced Deformation of Adsorbents. Colloid Journal, 2018, 80, 578-586.	1.3	9
15	Adsorption accumulation of natural gas based on microporous carbon adsorbents of different origin. Adsorption, 2017, 23, 327-339.	3.0	30
16	Effect of surface type on stability of silver clusters upon laser desorption/ionization. Surface Innovations, 2017, 5, 179-187.	2.3	4
17	The effect of support roughness on adsorption activity of micro- and nanosize chitosan films. Protection of Metals and Physical Chemistry of Surfaces, 2014, 50, 363-370.	1.1	2
18	Energy characteristics of adsorbed water in active carbons according to the NMR relaxation data. Russian Journal of Physical Chemistry A, 2010, 84, 272-276.	0.6	2

#	Article	IF	Citations
19	Selective adsorption of organic sulfur-containing compounds from diesel fuel using type-Y zeolite and Î³-aluminum oxide. Protection of Metals and Physical Chemistry of Surfaces, 2009, 45, 512-517.	1.1	3
20	Specific Features of the Adsorption and Nuclear Magnetic Relaxation of the Water Molecules in Active Carbons: 2. The State of Water in Active Carbon with Relatively Large Pores According to the NMR Relaxation Data. Colloid Journal, 2004, 66, 271-276.	1.3	5
21	Title is missing!. Colloid Journal, 2003, 65, 545-551.	1.3	5
22	Molecular Mobility in a Poly(ethylene glycol)â€“Poly(vinyl pyrrolidone) Blends: Study by the Pulsed Gradient NMR Techniques. Colloid Journal, 2003, 65, 684-690.	1.3	1
23	Title is missing!. Russian Chemical Bulletin, 2002, 51, 2036-2043.	1.5	3