

Sergey Chugaev

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

136
citations

1307594

7
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

30
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic Behaviors of Adsorbed Methane Storage Systems Based on Nanoporous Carbon Adsorbents Prepared from Coconut Shells. <i>Nanomaterials</i> , 2020, 10, 2243.	4.1	19
2	Fire- and Explosion-Safe Low-Temperature Filling of an Adsorption Natural Gas Storage System. <i>Chemical and Petroleum Engineering (English Translation of Khimicheskoe I Neftyanoe Tj ETQqO 0 0 rgBT /Overlock. 1.30 Tf 501697 Td (M</i>	0.3	16
3	A Study of Methane Storage Characteristics of Compacted Adsorbent AU-1. <i>Chemical and Petroleum Engineering (English Translation of Khimicheskoe I Neftyanoe Mashinostroenie)</i> , 2017, 52, 838-845.	0.3	17
4	Capacity and Thermodynamic Nomograph for an Adsorption Methane Storage System. <i>Chemical and Petroleum Engineering (English Translation of Khimicheskoe I Neftyanoe Mashinostroenie)</i> , 2016, 51, 812-818.	0.3	15
5	Heat and Mass Transfer in an Adsorbed Natural Gas Storage System Filled with Monolithic Carbon Adsorbent during Circulating Gas Charging. <i>Nanomaterials</i> , 2021, 11, 3274.	4.1	14
6	Mathematical Model of the Process of Circuit Charging of an Adsorption Methane Storage System. <i>Chemical and Petroleum Engineering (English Translation of Khimicheskoe I Neftyanoe Tj ETQqO 0 0 rgBT /Overlock. 1.30 Tf 501697 Td (M</i>	0.3	15
7	Energy-Saving Multistage Filling of Adsorption Natural Gas Storage System. <i>Chemical and Petroleum Engineering (English Translation of Khimicheskoe I Neftyanoe Mashinostroenie)</i> , 2016, 51, 786-792.	0.3	8
8	Adsorption Accumulation of Liquefied Natural Gas Vapors. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2020, 56, 897-903.	1.1	8
9	High-Density Carbon Adsorbents for Natural Gas Storage. <i>Colloid Journal</i> , 2020, 82, 719-726.	1.3	7
10	Zr-Based Metal-Organic Nanoporous Adsorbents of High Density for Methane Storage. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2020, 56, 1114-1121.	1.1	7
11	Carbon Nanoporous Adsorbents Prepared from Walnut Shell for Liquefied Natural Gas Vapor Recovery in Cryogenic Storage Systems. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2020, 56, 1122-1133.	1.1	6
12	Experimental study of heat transfer in adsorbed natural gas storage system filled with microporous monolithic active carbon. <i>Journal of Physics: Conference Series</i> , 2021, 2116, 012085.	0.4	4
13	Experimental study of the thermal management process at low-temperature circulating charging of an adsorbed natural gas storage system. <i>Journal of Physics: Conference Series</i> , 2021, 2116, 012084.	0.4	3