Aleksei Sagidullin

List of Publications by Year
in descending order

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Version: 2024-02-01

20 papers	161 citations	1039406 9 h-index	1125271 13 g-index
20 all docs	20 docs citations	20 times ranked	84 citing authors

#	Article	IF	Citations
1	Hydrate-based separation of the CO2 + H2 mixtures. Phase equilibria with isopropanol aqueous solutions and hydrogen solubility in CO2 hydrate. International Journal of Hydrogen Energy, 2021, 46, 32904-32913.	3.8	23
2	Studying the influence of key parameters on the methane hydrate dissociation in order to improve the storage efficiency. Journal of Energy Storage, 2021, 44, 103288.	3.9	22
3	Analysis of methane hydrate nucleation in water-in-oil emulsions: Isothermal vs constant cooling ramp method and new method for data treatment. Journal of Molecular Liquids, 2020, 318, 114018.	2.3	19
4	Effect of Temperature on the Rate of Methane Hydrate Nucleation in Water-in-Crude Oil Emulsion. Energy & Fuels, 2019, 33, 3155-3161.	2.5	18
5	Melting of tetrahydrofuran hydrate in pores: An investigation by low-field NMR relaxation. Marine and Petroleum Geology, 2021, 129, 105096.	1.5	15
6	Removal of Cd(II), Zn(II), and Cu(II) from aqueous solutions using humic-modified moss (Polytrichum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.3	13
7	Humic-modified natural and synthetic carbon adsorbents for the removal of Cd(II) from aqueous solutions. Journal of Environmental Chemical Engineering, 2015, 3, 1939-1946.	3.3	12
8	Impact of biodegradation of oil on the kinetics of gas hydrate formation and decomposition. Journal of Petroleum Science and Engineering, 2020, 192, 107211.	2.1	12
9	Humic Acids as a New Type of Methane Hydrate Formation Promoter and a Possible Mechanism for the Hydrate Growth Enhancement. ACS Sustainable Chemistry and Engineering, 2022, 10, 521-529.	3.2	10
10	Efficient removal of Cd(II), Cu(II), Pb(II), and Zn(II) from wastewater and natural water using submersible device. Environmental Science and Pollution Research, 2019, 26, 6368-6377.	2.7	5
11	Development of semi-industrial synthesis of calcium polysulfide solution and determination of the content of sulfide ions in solution. Russian Journal of Applied Chemistry, 2015, 88, 1403-1408.	0.1	4
12	Sorption of cadmium ions from aqueous solutions onto nanoporous modified carbon sorbents. Russian Journal of Applied Chemistry, 2013, 86, 1867-1872.	0.1	2
13	Adsorbents for Mercury Vapour Recovery in Demercuration Technology. Adsorption Science and Technology, 2014, 32, 693-705.	1.5	2
14	An Xps and Low-Temperature Nitrogen Adsorption Study of the Structure of Carbon-Fluorocarbon Nanocomposites. Journal of Structural Chemistry, 2018, 59, 1841-1848.	0.3	2
15	STRUCTURE, MORPHOLOGY, AND COMPOSITION OF NATURAL GAS HYDRATES SAMPLED IN THE KEDR-1 MUD VOLCANO (LAKE BAIKAL). Journal of Structural Chemistry, 2021, 62, 889-896.	0.3	1
16	Hybrid Adsorbent for Removal of Cd(II), Cu(II), Pb(II) and Zn(II) from Waters Using Submersible Device. Chemical Science International Journal, 2017, 20, 1-17.	0.3	1
17	Modified carbon sorbents for removal of toxic metals (Zn, Cd, Cu) from contaminated reservoirs. Russian Journal of Applied Chemistry, 2015, 88, 244-249.	0.1	0
18	The Effect of Oxidation of Humic Acids on the Adsorption of Cd (II), Cu (II), Pb (II) and Zn (II) by a Humate-containing Hybrid Adsorbent. Chemical Science International Journal, 2018, 24, 1-4.	0.3	0

#	Article	IF	Citations
19	Response of plankton communities to the remediation of reservoirs contaminated with heavy metals: a field experiment. Water and Ecology, 2020, 26, 104-113.	0.3	0
20	Texture, composition and properties of plugs formed by carbon dioxide hydrate and wax. Petroleum Exploration and Development, 2021, 48, 1462-1470.	3.0	0