

Nataliya A Sipyagina

List of Publications by Year in descending order

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17
papers

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1162889

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145
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering SiO ₂ –TiO ₂ binary aerogels for sun protection and cosmetic applications. <i>Journal of Supercritical Fluids</i> , 2021, 169, 105099.	1.6	12
2	Hydrophobization of organic resorcinol-formaldehyde aerogels by fluoroacylation. <i>Journal of Fluorine Chemistry</i> , 2021, 244, 109742.	0.9	8
3	Electrochemical Properties of Carbon Aerogel Electrodes: Dependence on Synthesis Temperature. <i>Molecules</i> , 2019, 24, 3847.	1.7	12
4	Properties of highly porous aerogels prepared from ultra-high molecular weight polyethylene. <i>Polymer</i> , 2019, 182, 121824.	1.8	17
5	Aerogels with hybrid organo-inorganic 3D network structure based on polyfluorinated diacids. <i>Journal of Fluorine Chemistry</i> , 2018, 207, 67-71.	0.9	4
6	Methyl trifluoropyruvate – a new solvent for the production of fluorinated organic resorcinol–formaldehyde aerogels. <i>Mendeleev Communications</i> , 2018, 28, 102-104.	0.6	4
7	Facile synthesis of fluorinated resorcinol-formaldehyde aerogels. <i>Journal of Fluorine Chemistry</i> , 2017, 193, 1-7.	0.9	15
8	Chiral lactate-modified silica aerogels. <i>Microporous and Mesoporous Materials</i> , 2017, 237, 127-131.	2.2	8
9	SiO ₂ –TiO ₂ binary aerogels: Synthesis in new supercritical fluids and study of thermal stability. <i>Russian Journal of Inorganic Chemistry</i> , 2016, 61, 1339-1346.	0.3	8
10	SiO ₂ aerogels modified by perfluoro acid amides: a precisely controlled hydrophobicity. <i>RSC Advances</i> , 2016, 6, 80766-80772.	1.7	7
11	Methyl tert-butyl ether as a new solvent for the preparation of SiO ₂ –TiO ₂ binary aerogels. <i>Inorganic Materials</i> , 2016, 52, 163-169.	0.2	11
12	New aerogels chemically modified with amino complexes of bivalent copper. <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 1459-1463.	0.3	4
13	Hydrophobicity/hydrophilicity control for SiO ₂ -based aerogels: The role of a supercritical solvent. <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 1169-1172.	0.3	10
14	Hexafluoroacetone: A new solvent for manufacturing SiO ₂ -based aerogels. <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 541-545.	0.3	7
15	Methyltrimethoxysilane-based elastic aerogels: Effects of the supercritical medium on structure-sensitive properties. <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 488-492.	0.3	17
16	Effect of synthetic conditions on the properties of methyltrimethoxysilane-based aerogels. <i>Russian Journal of Inorganic Chemistry</i> , 2014, 59, 1392-1395.	0.3	8
17	Functionalization of aerogels by the use of pre-constructed monomers: the case of trifluoroacetylated (3-aminopropyl) triethoxysilane. <i>RSC Advances</i> , 2014, 4, 52423-52429.	1.7	17