Michail Podvyznikov

List of Publications by Citations

31 papers	107 citations	4 h-index	9 g-index
32 ext. papers	119 ext. citations	0.8 avg, IF	2.11 L-index

#	Paper	IF	Citations
31	A study of the adsorption of bacterial cells on porous materials. *Microbiology*, **2004**, 73, 696-701	1.4	51
30	Carbon adsorbents on the basis of the hydrolytic lignin modified with fullerenes in producing. *Russian Journal of Applied Chemistry*, **2014**, 87, 190-193	0.8	13
29	The sorption properties of active carbons modified with fullerenes with respect to copper, silver, and lead cations in aqueous solutions. *Russian Journal of Physical Chemistry A*, **2008**, 82, 1371-1375	0.7	6
28	Study of the possibility of regeneration of activated carbon spent in water treatment processes using the chemical regeneration and thermal reactivation. *Russian Journal of Applied Chemistry*, **2013**, 86, 1220-1224	0.8	5
27	Effect of nitrogen- and sulfur-containing modifying additives on porous structure and sorption properties of carbon adsorbents. *Russian Journal of Applied Chemistry*, **2015**, 88, 430-435	0.8	3
26	Effects of fullerene C60 nanocomposites on human platelet aggregation. *Bulletin of Experimental Biology and Medicine*, **2012**, 152, 624-6	0.8	3
25	Technology of integrated usage of fullerene materials in sorbent production. *Protection of Metals and Physical Chemistry of Surfaces*, **2009**, 45, 197-202	0.9	3
24	Activation of the carbon component of shungite-III and the sorption capacity of the material for hydrogen. *Russian Journal of Applied Chemistry*, **2006**, 79, 1423-1427	0.8	3
23	Cleaning of Humidified Gas Media from Benzene Using Active Carbons Modified by Fullerenes. *Protection of Metals and Physical Chemistry of Surfaces*, **2019**, 55, 335-340	0.9	2
22	Specific features of the absorption of divalent manganese ions from aqueous solutions by zeolites. *Russian Journal of Applied Chemistry*, **2013**, 86, 1676-1681	0.8	2
21	Study of sorption and bactericidal properties of carbon adsorbents and fullerenes. *Russian Journal of Applied Chemistry*, **2014**, 87, 990-993	0.8	2
20	The influence of the preliminary adsorption of water on the adsorption of organic solvent vapors on fullerene materials. *Russian Journal of Physical Chemistry A*, **2007**, 81, 1271-1275	0.7	2
19	The influence of optical irradiation on the sorption properties of fullerene materials. *Russian Journal of Physical Chemistry A*, **2007**, 81, 1276-1280	0.7	2
18	Study of the Influence Exerted by Microscopic Additives of Fullerenes on the Absorbing Capacity of Cation-Exchange Resins for d-Elements in Aqueous Media. *Russian Journal of Applied Chemistry*, **2019**, 92, 87-92	0.8	1
17	Preparation and properties of mixed alkaline chemical sorbent of carbon dioxide. *Russian Journal of Applied Chemistry*, **2015**, 88, 999-1003	0.8	1
16	Effect of microscopic additions of fullerenes on the absorption capacity of inorganic sorbents for d elements. *Russian Journal of Applied Chemistry*, **2015**, 88, 1612-1616	0.8	1
15	Effect of AC magnetic field on adsorption of benzene and ethanol vapors by activated carbons. *Russian Journal of Applied Chemistry*, **2012**, 85, 1176-1181	0.8	1

14	Use of fullerene additions for modification of chemical absorbers. *Russian Journal of Applied Chemistry*, **2012**, 85, 167-171	0.8	1
13	Variation of sorption properties of fullerene black in storage. *Russian Journal of Applied Chemistry*, **2011**, 84, 1506-1510	0.8	1
12	Increasing the sorption activity of carbon adsorbents by electron-beam processing and fullerene microadditives. *Russian Journal of Physical Chemistry A*, **2011**, 85, 1622-1628	0.7	1
11	Effect of surfactants on properties of composite sorbents based on fullerene black. *Russian Journal of Applied Chemistry*, **2008**, 81, 1512-1517	0.8	1
10	The selectivity of active carbons modified by fullerenes with respect to mixtures of metal cations in aqueous solutions. *Russian Journal of Physical Chemistry A*, **2008**, 82, 1376-1379	0.7	1
9	Adsorption of benzene on dispersed polycrystalline fullerites. *Russian Journal of Physical Chemistry A*, **2006**, 80, 1986-1992	0.7	1
8	Chemical Structure, Porous Morphology, and Sorption Properties of Adsorbents Produced from Organic Technogenic Substrates (A Review). *Russian Journal of General Chemistry*, **2021**, 91, 1546-1565	0.7	0
7	Effect of electromagnetic treatments on the sorption-desorption of water vapor by impregnated silica-based sorbents. *Russian Journal of Applied Chemistry*, **2013**, 86, 366-370	0.8	
6	Effect of silica-alumina microspheres on the formation of open porosity in polymeric materials. *Russian Journal of Applied Chemistry*, **2013**, 86, 282-284	0.8	
5	Composite sorbents based on depleted fullerene soot. *Theoretical Foundations of Chemical Engineering*, **2013**, 47, 444-448	0.9	
4	Preparation and study of activated carbons modified with various bactericidal agents. *Russian Journal of Applied Chemistry*, **2015**, 88, 1316-1320	0.8	
3	Sorption purification of saturated hydrocarbons to remove aromatic compounds. *Russian Journal of Applied Chemistry*, **2011**, 84, 1217-1222	0.8	
2	New generation sorption systems. *Theoretical Foundations of Chemical Engineering*, **2010**, 44, 485-490	0.9	
1	The Influence of the Sequence of Application of Modifying Components on the Protective Properties of a Chemical Ammonia Absorber. *Protection of Metals and Physical Chemistry of Surfaces* , **2021**, 57, 45-51	0.9	