

# Michail Podvyznikov

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The Influence of the Sequence of Application of Modifying Components on the Protective Properties of a Chemical Ammonia Absorber. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2021</b> , 57, 45-51	0.9	
30	Chemical Structure, Porous Morphology, and Sorption Properties of Adsorbents Produced from Organic Technogenic Substrates (A Review). <i>Russian Journal of General Chemistry</i> , <b>2021</b> , 91, 1546-1565	0.7	0
29	Study of the Influence Exerted by Microscopic Additives of Fullerenes on the Absorbing Capacity of Cation-Exchange Resins for d-Elements in Aqueous Media. <i>Russian Journal of Applied Chemistry</i> , <b>2019</b> , 92, 87-92	0.8	1
28	Cleaning of Humidified Gas Media from Benzene Using Active Carbons Modified by Fullerenes. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2019</b> , 55, 335-340	0.9	2
27	Preparation and properties of mixed alkaline chemical sorbent of carbon dioxide. <i>Russian Journal of Applied Chemistry</i> , <b>2015</b> , 88, 999-1003	0.8	1
26	Effect of microscopic additions of fullerenes on the absorption capacity of inorganic sorbents for d elements. <i>Russian Journal of Applied Chemistry</i> , <b>2015</b> , 88, 1612-1616	0.8	1
25	Preparation and study of activated carbons modified with various bactericidal agents. <i>Russian Journal of Applied Chemistry</i> , <b>2015</b> , 88, 1316-1320	0.8	
24	Effect of nitrogen- and sulfur-containing modifying additives on porous structure and sorption properties of carbon adsorbents. <i>Russian Journal of Applied Chemistry</i> , <b>2015</b> , 88, 430-435	0.8	3
23	Carbon adsorbents on the basis of the hydrolytic lignin modified with fullerenes in producing. <i>Russian Journal of Applied Chemistry</i> , <b>2014</b> , 87, 190-193	0.8	13
22	Study of sorption and bactericidal properties of carbon adsorbents and fullerenes. <i>Russian Journal of Applied Chemistry</i> , <b>2014</b> , 87, 990-993	0.8	2
21	Effect of electromagnetic treatments on the sorption-desorption of water vapor by impregnated silica-based sorbents. <i>Russian Journal of Applied Chemistry</i> , <b>2013</b> , 86, 366-370	0.8	
20	Effect of silica-alumina microspheres on the formation of open porosity in polymeric materials. <i>Russian Journal of Applied Chemistry</i> , <b>2013</b> , 86, 282-284	0.8	
19	Specific features of the absorption of divalent manganese ions from aqueous solutions by zeolites. <i>Russian Journal of Applied Chemistry</i> , <b>2013</b> , 86, 1676-1681	0.8	2
18	Study of the possibility of regeneration of activated carbon spent in water treatment processes using the chemical regeneration and thermal reactivation. <i>Russian Journal of Applied Chemistry</i> , <b>2013</b> , 86, 1220-1224	0.8	5
17	Composite sorbents based on depleted fullerene soot. <i>Theoretical Foundations of Chemical Engineering</i> , <b>2013</b> , 47, 444-448	0.9	
16	Effect of AC magnetic field on adsorption of benzene and ethanol vapors by activated carbons. <i>Russian Journal of Applied Chemistry</i> , <b>2012</b> , 85, 1176-1181	0.8	1
15	Use of fullerene additions for modification of chemical absorbers. <i>Russian Journal of Applied Chemistry</i> , <b>2012</b> , 85, 167-171	0.8	1

14	Effects of fullerene C60 nanocomposites on human platelet aggregation. <i>Bulletin of Experimental Biology and Medicine</i> , <b>2012</b> , 152, 624-6	0.8	3
13	Sorption purification of saturated hydrocarbons to remove aromatic compounds. <i>Russian Journal of Applied Chemistry</i> , <b>2011</b> , 84, 1217-1222	0.8	
12	Variation of sorption properties of fullerene black in storage. <i>Russian Journal of Applied Chemistry</i> , <b>2011</b> , 84, 1506-1510	0.8	1
11	Increasing the sorption activity of carbon adsorbents by electron-beam processing and fullerene microadditives. <i>Russian Journal of Physical Chemistry A</i> , <b>2011</b> , 85, 1622-1628	0.7	1
10	New generation sorption systems. <i>Theoretical Foundations of Chemical Engineering</i> , <b>2010</b> , 44, 485-490	0.9	
9	Technology of integrated usage of fullerene materials in sorbent production. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2009</b> , 45, 197-202	0.9	3
8	Effect of surfactants on properties of composite sorbents based on fullerene black. <i>Russian Journal of Applied Chemistry</i> , <b>2008</b> , 81, 1512-1517	0.8	1
7	The sorption properties of active carbons modified with fullerenes with respect to copper, silver, and lead cations in aqueous solutions. <i>Russian Journal of Physical Chemistry A</i> , <b>2008</b> , 82, 1371-1375	0.7	6
6	The selectivity of active carbons modified by fullerenes with respect to mixtures of metal cations in aqueous solutions. <i>Russian Journal of Physical Chemistry A</i> , <b>2008</b> , 82, 1376-1379	0.7	1
5	The influence of the preliminary adsorption of water on the adsorption of organic solvent vapors on fullerene materials. <i>Russian Journal of Physical Chemistry A</i> , <b>2007</b> , 81, 1271-1275	0.7	2
4	The influence of optical irradiation on the sorption properties of fullerene materials. <i>Russian Journal of Physical Chemistry A</i> , <b>2007</b> , 81, 1276-1280	0.7	2
3	Activation of the carbon component of shungite-III and the sorption capacity of the material for hydrogen. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 1423-1427	0.8	3
2	Adsorption of benzene on dispersed polycrystalline fullerenes. <i>Russian Journal of Physical Chemistry A</i> , <b>2006</b> , 80, 1986-1992	0.7	1
1	A study of the adsorption of bacterial cells on porous materials. <i>Microbiology</i> , <b>2004</b> , 73, 696-701	1.4	51