Vyacheslav Samonin

List of Publications by Year
in descending order

35	153	1936888 4	1281420 11
papers	citations	h-index	g-index

36	36	36	192
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A study of the adsorption of bacterial cells on porous materials. Microbiology, 2004, 73, 696-701.	0.5	64
2	Carbon adsorbents on the basis of the hydrolytic lignin modified with fullerenes in producing. Russian Journal of Applied Chemistry, 2014, 87, 190-193.	0.1	18
3	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.	0.1	7
4	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.	0.1	7
5	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.	0.1	4
6	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.	0.1	4
7	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.	0.1	3
8	The influence of optical irradiation on the sorption properties of fullerene materials. Russian Journal of Physical Chemistry A, 2007, 81, 1276-1280.	0.1	3
9	Technology of integrated usage of fullerene materials in sorbent production. Protection of Metals and Physical Chemistry of Surfaces, 2009, 45, 197-202.	0.3	3
10	Effect of AC magnetic field on adsorption of benzene and ethanol vapors by activated carbons. Russian Journal of Applied Chemistry, 2012, 85, 1176-1181.	0.1	3
11	Effects of Fullerene C60 Nanocomposites on Human Platelet Aggregation. Bulletin of Experimental Biology and Medicine, 2012, 152, 624-626.	0.3	3
12	Synthesis of spherically shaped granulated carbon sorbent. Russian Journal of Applied Chemistry, 2016, 89, 1102-1108.	0.1	3
13	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.	0.3	3
14	Production and Research of Fullerene-Modified Chemical Adsorbent of Ammonia Based on Activated Carbon. Russian Journal of Applied Chemistry, 2020, 93, 691-697.	0.1	3
15	Increasing the sorption activity of carbon adsorbents by electron-beam processing and fullerene microadditives. Russian Journal of Physical Chemistry A, 2011, 85, 1622-1628.	0.1	2
16	Specific features of the absorption of divalent manganese ions from aqueous solutions by zeolites. Russian Journal of Applied Chemistry, 2013, 86, 1676-1681.	0.1	2
17	Study of sorption and bactericidal properties of carbon adsorbents and fullerenes. Russian Journal of Applied Chemistry, 2014, 87, 990-993.	0.1	2
18	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.	0.1	2

#	Article	IF	Citations
19	Preparation and properties of mixed alkaline chemical sorbent of carbon dioxide. Russian Journal of Applied Chemistry, 2015, 88, 999-1003.	0.1	2
20	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.	0.3	2
21	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.	0.3	2
22	Adsorption of benzene on dispersed polycrystalline fullerites. Russian Journal of Physical Chemistry A, 2006, 80, 1986-1992.	0.1	1
23	Effect of surfactants on properties of composite sorbents based on fullerene black. Russian Journal of Applied Chemistry, 2008, 81, 1512-1517.	0.1	1
24	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.	0.1	1
25	New generation sorption systems. Theoretical Foundations of Chemical Engineering, 2010, 44, 485-490.	0.2	1
26	Variation of sorption properties of fullerene black in storage. Russian Journal of Applied Chemistry, 2011, 84, 1506-1510.	0.1	1
27	Use of fullerene additions for modification of chemical absorbers. Russian Journal of Applied Chemistry, 2012, 85, 167-171.	0.1	1
28	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.	0.1	1
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. Russian Journal of Applied Chemistry, 2019, 92, 87-92.	0.1	1
30	Porous Structure and Krypton Sorption Capacity of Carbon Sorbents Prepared from a Composite of Hydrolytic Lignin and Phenol-Lignin-Formaldehyde. Russian Journal of Physical Chemistry A, 2022, 96, 391-396.	0.1	1
31	Sorption purification of saturated hydrocarbons to remove aromatic compounds. Russian Journal of Applied Chemistry, 2011, 84, 1217-1222.	0.1	0
32	Effect of silica-alumina microspheres on the formation of open porosity in polymeric materials. Russian Journal of Applied Chemistry, 2013, 86, 282-284.	0.1	0
33	Composite sorbents based on depleted fullerene soot. Theoretical Foundations of Chemical Engineering, 2013, 47, 444-448.	0.2	0
34	Preparation and study of activated carbons modified with various bactericidal agents. Russian Journal of Applied Chemistry, 2015, 88, 1316-1320.	0.1	0
35	Effect of gas environment parameters on operation efficiency of chemical absorbents of carbon dioxide. Russian Journal of Applied Chemistry, 2017, 90, 34-40.	0.1	0