Vyacheslav M Buznik

List of Publications by Year
in descending order

27 papers	322 citations	840776 11 h-index	839539 18 g-index
27 all docs	27 docs citations	27 times ranked	343 citing authors

#	Article	IF	Citations
1	Dissolution, fractionating and functionalization of ultradispersed polytetrafluorethylene in supercritical carbon dioxide. , 2014, , .		0
2	Hexafluoroisopropyl alcohol as a new solvent for aerogels preparation. Journal of Supercritical Fluids, 2014, 89, 28-32.	3.2	31
3	Structure of ultradispersed powders obtained by thermal decomposition of ftoroplast-4 in presence of ammonium hydrogen difluoride. Inorganic Materials: Applied Research, 2013, 4, 21-28.	0.5	2
4	Surface characteristics of polypropylene fibrous materials modified with ultradisperse polytetrafluoroethylene. Protection of Metals and Physical Chemistry of Surfaces, 2013, 49, 95-100.	1.1	3
5	Hydrophobization of polyester textile materials with telomeric tetrafluoroethylene solutions. Russian Journal of Applied Chemistry, 2013, 86, 69-75.	0.5	11
6	Tribological characteristics of epoxy carbon-fiber-reinforced plastics modified by solution of polytetrafluorethylene telomers. Journal of Friction and Wear, 2013, 34, 368-373.	0.5	2
7	Structure of polytetrafluoroethylene powders obtained by photochemical polymerization of gaseous monomer. Inorganic Materials: Applied Research, 2013, 4, 131-137.	0.5	3
8	Synthesis and physicochemical properties of composites for electromagnetic shielding applications: a polymeric matrix impregnated with iron- or cobalt-containing nanoparticles. Journal of Nanophotonics, 2012, 6, 061717.	1.0	7
9	Imparting enhanced hydrophobicity to polyester fabrics: Formation of ultrathin water-repelling coatings on the fiber surface. Russian Journal of General Chemistry, 2012, 82, 2259-2269.	0.8	13
10	Oxyfluoride glasses (A review). Glass Physics and Chemistry, 2011, 37, 1-20.	0.7	52
11	The thermal decomposition of hexamethylenetetraammonium dodecahydro-closo-dodecaborate. Russian Journal of Physical Chemistry B, 2011, 5, 26-32.	1.3	9
12	Hydrophobic properties of composite fluoropolymer coatings on titanium. Protection of Metals and Physical Chemistry of Surfaces, 2011, 47, 93-101.	1.1	24
13	Preparation and properties of composite materials based on rhenium-containing nanoparticles and micrograins of polytetrafluoroethylene. Inorganic Materials: Applied Research, 2011, 2, 118-124.	0.5	7
14	Structure of powder form of FLURALITÂ® trademark polytetrafluoroethylene. Inorganic Materials: Applied Research, 2010, 1, 339-343.	0.5	3
15	Fluoropolymer chemistry in Russia: Current situation and prospects. Russian Journal of General Chemistry, 2009, 79, 520-526.	0.8	12
16	Supercritical carbon dioxide: A reactive medium for chemical processes involving fluoropolymers. Russian Journal of General Chemistry, 2009, 79, 578-588.	0.8	19
17	Radiation-chemical synthesis of tetrafluoroethylene telomers and their use for preparation of thin protective fluoropolymer coatings. Russian Journal of General Chemistry, 2009, 79, 589-595.	0.8	12
18	Morphology and structure of micro- and nanosize polytetrafluoroethylene powders prepared by the gas-phase method. Russian Journal of General Chemistry, 2009, 79, 666-676.	0.8	5

#	Article	IF	Citations
19	IR-spectroscopic examination of polytetrafluoroethylene and its modified forms. Russian Journal of General Chemistry, 2009, 79, 677-685.	0.8	25
20	Separation of low-molecular-weight fractions of ultrafine polytetrafluoroethylene with supercritical carbon dioxide. Russian Journal of Physical Chemistry B, 2009, 3, 1074-1081.	1.3	7
21	RAS presidiumâ€™s program innovation and development support: Progress analysis. Herald of the Russian Academy of Sciences, 2008, 78, 356-361.	0.6	0
22	Formation of superhydrophobic surfaces by the deposition of coatings from supercritical carbon dioxide. Colloid Journal, 2007, 69, 411-424.	1.3	25
23	Immobilization of metal-containing nanoparticles on the surface of polytetrafluoroethylene nanogranules. Acta Materialia, 2005, 53, 1407-1413.	7.9	26
24	IR Spectroscopic Study of the Structure of Glasses Based on Titanium Oxyfluoride. Glass Physics and Chemistry, 2004, 30, 139-141.	0.7	16
25	Raman scattering by zigzag fluoropolymer molecules. Physics of the Solid State, 2002, 44, 2331-2335.	0.6	2
26	Magnetic screening of 35Cl and 79Br in copper monobalides. Journal of Magnetic Resonance, 1972, 6, 197-199.	0.5	1
27	Fluorine NMR chemical shifts in d10- and f14-metal fluorides. Journal of Magnetic Resonance, 1971, 5, 63-72.	0.5	5