Marina Sherban

List of Publications by Year
in descending order

32 papers	75 citations	1936888 4 h-index	1588620 8 g-index
32 all docs	32 docs citations	32 times ranked	60 citing authors

#	Article	IF	Citations
1	Corrosion and Electrochemical Behavior of Niâ€“P Coatings in 0.5 M H2SO4. Protection of Metals, 2002, 38, 370-376.	0.2	13
2	The Effect of Damage of a Plasma-Treated Polyurethane Surface on Bacterial Adhesion. Biophysics (Russian Federation), 2019, 64, 410-415.	0.2	11
3	Electrooxidation of the hypophosphite ion on a palladium electrode. Russian Journal of Electrochemistry, 2000, 36, 934-941.	0.3	9
4	Sorption properties of polymers based onN-substituted maleimides. Journal of Applied Polymer Science, 2013, 129, 1978-1983.	1.3	5
5	Mesoporous Silica Materials and Their Sorption Capacity for Tungsten(VI) and Molybdenum(VI) Ions. Inorganic Materials, 2019, 55, 1146-1150.	0.2	5
6	Low Energy Implantation of Carbon into Elastic Polyurethane. Coatings, 2020, 10, 274.	1.2	5
7	Nâ€², Nâ€²-dialkylhydrazides as inhibitors of acid corrosion of steel. Russian Journal of Applied Chemistry, 2009, 82, 57-61.	0.1	4
8	Physicochemical Properties of Mesoporous Silicas Modified with Hydrazide and Amide Functional Groups. Russian Journal of Applied Chemistry, 2017, 90, 1746-1752.	0.1	4
9	Physical and chemical properties of N-(2-hydroxyethyl)alkylamines. Russian Journal of Applied Chemistry, 2010, 83, 1475-1479.	0.1	3
10	Growth of islet carbon coating on nitrogen-activated polyurethane surface. Applied Surface Science, 2019, 497, 143706.	3.1	3
11	Synthesis of a precursor for an alumina ceramic reinforced by zirconium dioxide from inorganic compounds in the presence of urea. Russian Journal of Applied Chemistry, 2008, 81, 1147-1152.	0.1	2
12	Complexation and flotation of nonferrous metal ions from alkaline solutions with N-acyl-Nâ€²-(p-toluenesulfonyl)hydrazines. Russian Journal of Applied Chemistry, 2012, 85, 1893-1898.	0.1	2
13	New crosslinked Nâ€vinylpyrrolidone copolymers: Synthesis and sorptive properties. Polymer Engineering and Science, 2016, 56, 1303-1312.	1.5	2
14	Corrosion degradation of chromium coatings on steel in NaCl concentrated solution. Protection of Metals, 2006, 42, 378-388.	0.2	1
15	Colloidal-chemical and inhibiting properties of N-(2-hydroxyethyl)alkylamines. Russian Journal of Applied Chemistry, 2012, 85, 385-390.	0.1	1
16	The study of island carbon coating on nitrogen-activated polyurethane surface. Journal of Physics: Conference Series, 2018, 1134, 012042.	0.3	1
17	The challenges of creating deformable plasma coatings on the surface of elastic polymers. AIP Conference Proceedings, 2019, , .	0.3	1
18	Modified MCM-48 Mesoporous Materials and Their Sorption Capacity for Nonferrous Ions. Inorganic Materials, 2020, 56, 360-365.	0.2	1

#	Article	IF	Citations
19	Deformable carbon coatings with improved albumin adsorption on argon-activated surface of elastic polyurethane. Surface and Coatings Technology, 2020, 391, 125702.	2.2	1
20	Structuralâ€mechanical and biomedical surface properties of elastic polyurethane after PECVD of Ar/ C 2 H 2. Journal of Applied Polymer Science, 2021, 138, 49725.	1.3	1
21	Colloid-chemical properties of 1,1-dimethyl-1-alkylhydrazinium chlorides. Russian Journal of Applied Chemistry, 2004, 77, 1843-1846.	0.1	0
22	Effect of strong electrolytes on surface activity of aqueous 1,1-dimethyl-1-alkylhydrazinium chloride in aqueous solutions. Russian Journal of Applied Chemistry, 2006, 79, 1986-1989.	0.1	0
23	Surface-active properties of a series of 1,1-dimethyl-1-alkylhydrazinium chlorides. Russian Journal of Applied Chemistry, 2007, 80, 428-432.	0.1	0
24	Physicochemical properties of 1,1-dimethyl-1-alkylhydrazinium chlorides. Russian Journal of Applied Chemistry, 2007, 80, 767-770.	0.1	0
25	Oxyethyl hydrazides as potential flotation agents. Russian Journal of Applied Chemistry, 2009, 82, 1205-1210.	0.1	0
26	Asymmetric 1,2-diacylhydrazines as reagents for ionic flotation. Russian Journal of Non-Ferrous Metals, 2010, 51, 8-11.	0.2	0
27	Properties of polysulfones derived from N-allylated acylhydrazines. Russian Journal of Applied Chemistry, 2011, 84, 1970-1977.	0.1	0
28	Rhenium(VII) extraction with Versatic hydrazides and N',N'-Dialkylhydrazides. Russian Journal of Inorganic Chemistry, 2017, 62, 1409-1413.	0.3	0
29	The study of thiadiazole derivatives as potential corrosion inhibitors of low-carbon steel in hydrochloric acid. Bulletin of the Karaganda University Chemistry Series, 2021, 103, 93-102.	0.2	0
30	Features of the Formation of a Carbon Nano-Coating Obtained by Magnetron Sputtering on a Polyurethane Surface. Journal of Surface Investigation, 2020, 14, 1049-1056.	0.1	0
31	The correlation between the surface-active characteristics of SAFOL 23 â€“ alcohol â€“ water systems and the length of the alkyl radical of the alcohol. Bulletin of the Karaganda University Chemistry Series, 2020, 100, 85-95.	0.2	0
32	Effect of the hydrochloric acid concentration on the surface-active and functional characteristics of linear alkylbenzenesulfonic acid. Bulletin of the Karaganda University Chemistry Series, 2020, 99, 72-79.	0.2	0