Albina Y Ziganshina

List of Publications by Year
in descending order

65 papers	1,409 citations	393982 19 h-index	360668 35 g-index
67 all docs	67 docs citations	67 times ranked	1396 citing authors

#	Article	IF	Citations
1	A[2]Pseudorotaxane-Based Molecular Machine: Reversible Formation of a Molecular Loop Driven by Electrochemical and Photochemical Stimuli. Angewandte Chemie - International Edition, 2003, 42, 4097-4100.	7.2	172
2	Stable Ï€-dimer of a tetrathiafulvalene cation radical encapsulated in the cavity of cucurbit[8]uril. Chemical Communications, 2004, , 806-807.	2.2	172
3	Electrochemical synthesis of silver nanoparticles in solution. Electrochemistry Communications, 2015, 50, 69-72.	2.3	97
4	A stable cis-stilbene derivative encapsulated in cucurbit[7]urilElectronic Supplementary Information (ESI) available: determination of binding constants. See http://www.rsc.org/suppdata/cc/b3/b306832c/. Chemical Communications, 2003, , 2176.	2.2	77
5	A new three-way supramolecular switch based on redox-controlled interconversion of hetero- and homo-guest-pair inclusion inside a host molecule. Chemical Communications, 2009, , 416-418.	2.2	66
6	Novel self-assembling system based on resorcinarene and cationic surfactant. Physical Chemistry Chemical Physics, 2011, 13, 15891.	1.3	39
7	A Supramolecular Amphiphile Based on Calix[4]resorcinarene and Cationic Surfactant for Controlled Self-Assembly. Journal of Physical Chemistry C, 2013, 117, 20280-20288.	1.5	38
8	Tetraviologen calix[4]resorcine as a mediator of the electrochemical reduction of [PdCl4]2â€“ for the production of Pd0 nanoparticles. Mendeleev Communications, 2014, 24, 108-110.	0.6	35
9	Methyl viologen and tetraviologen calix[4]resorcinol as mediators of the electrochemical reduction of [PdCl4]2âˆ’ with formation of finely dispersed Pd0. Russian Chemical Bulletin, 2014, 63, 1409-1415.	0.4	26
10	High catalytic activity of palladium nanoparticle clusters supported on a spherical polymer network. Chemical Communications, 2015, 51, 13317-13320.	2.2	26
11	Self-assembling and biological properties of single-chain dicationic pyridinium-based surfactants. Colloids and Surfaces B: Biointerfaces, 2019, 175, 351-357.	2.5	26
12	Electrochemical mediated synthesis of silver nanoparticles in solution. Russian Journal of Electrochemistry, 2015, 51, 1029-1040.	0.3	24
13	Electrochemical behaviour of a molecular capsule based on methylviologenâ€“resorcinarene and sulfonatomethylene-resorcinarene. Tetrahedron Letters, 2008, 49, 5312-5315.	0.7	22
14	Controlling the Size and Morphology of Supramolecular Assemblies of Viologenâ€“Resorcin[4]arene Cavitands. Chemistry - A European Journal, 2014, 20, 14018-14025.	1.7	22
15	Mediated electrochemical synthesis of Pd0 nanoparticles in solution. Russian Journal of Electrochemistry, 2015, 51, 951-962.	0.3	21
16	Supramolecular systems based on calix[4]resorcine with mono-, di-, and tetracationic surfactants: Synergetic structural and solubilization behavior. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 448, 67-72.	2.3	20
17	Electrochemical synthesis of nanocomposite of palladium nanoparticles with polymer viologen-containing nanocapsule. Russian Chemical Bulletin, 2016, 65, 125-132.	0.4	20
18	Supramolecular assemblies involving calix[4]resorcinol and surfactant with pH-induced morphology transition for drug encapsulation. Journal of Molecular Liquids, 2018, 261, 218-224.	2.3	19

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19	Self-assembly of an aminoalkylated resorcinarene in aqueous media: hostâ€"guest properties. New Journal of Chemistry, 2009, 33, 2397.	1.4	18
20	Thermoresponsive Polymer Nanoparticles Based on Viologen Cavitands. ChemPlusChem, 2015, 80, 217-222.	1.3	16
21	Electrochemical synthesis of metal nanoparticles using a polymeric mediator, whose reduced form is adsorbed (deposited) on an electrode. Russian Chemical Bulletin, 2018, 67, 215-229.	0.4	16
22	Structure and catalytic activity of ultrasmall Rh, Pd and (Rh + Pd) nanoparticles obtained by mediated electrosynthesis. New Journal of Chemistry, 2019, 43, 3931-3945.	1.4	16
23	N-Methyl-d-glucamineâ€"Calix[4]resorcinarene Conjugates: Self-Assembly and Biological Properties. Molecules, 2019, 24, 1939.	1.7	16
24	Superamphiphilic nanocontainers based on the resorcinarene â€" Cationic surfactant system: Synergetic self-assembling behavior. Chemical Physics Letters, 2016, 652, 190-194.	1.2	15
25	Supraamphiphilic Systems Based on Metallosurfactant and Calix[4]resorcinol: Self-Assembly and Drug Delivery Potential. Inorganic Chemistry, 2020, 59, 18276-18286.	1.9	15
26	Synthesis and Structural Peculiarities of Homeomorphic Phosphorus Bridgehead Macrobicyclic Compounds and Novel Dioxaphospha[3.1.1.]p,m,p-cyclophanes. Chemistry - A European Journal, 2002, 8, 5622-5629.	1.7	14
27	Redox-switchable binding of ferrocyanide with tetra(viologen)calix [4] resorcine. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2012, 72, 299-308.	1.6	14
28	Two-step one-pot electrosynthesis and catalytic activity of xCoOâ€"yCo(OH)2-supported silver nanoparticles. Journal of Solid State Electrochemistry, 2020, 24, 829-842.	1.2	14
29	Molecular Oxygen as Mediator in the Metal Nanoparticlesâ€™ Electrosynthesis in N,N-Dimethylformamide. Russian Journal of Electrochemistry, 2018, 54, 265-282.	0.3	13
30	Aminoalkylated Calix[4]resorcinarenes as pH Sensitive â€œhostsâ€•for Charged Metallocomplexes. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1999, 35, 397-407.	1.6	12
31	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 39, 65-69.	1.6	12
32	Water-soluble tetra(methylviologen)calix[4]resorcinarene: hostâ€"guest properties toward aromatic compounds. Mendeleev Communications, 2007, 17, 145-147.	0.6	12
33	Controlling the release of hydrophobic compounds by a supramolecular amphiphilic assembly. RSC Advances, 2016, 6, 38548-38552.	1.7	12
34	Design of <i>N</i>-Methyl-<scp>d</scp>-Glucamine-Based Resorcin[4]arene Nanoparticles for Enhanced Apoptosis Effects. Molecular Pharmaceutics, 2020, 17, 40-49.	2.3	12
35	Two-step electrosynthesis and catalytic activity of CoOâˆ'CoO â€¢ xH2O-supported Ag, Au, and Pd nanoparticles. Russian Chemical Bulletin, 2020, 69, 241-254.	0.4	12
36	Effect of preorganization and amphiphilicity of calix[4]arene platform on functional properties of viologen derivatives. Journal of Molecular Liquids, 2022, 345, 117801.	2.3	12

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37	Binding of 1,5-bis(p-sulfonatophenyl)-3,7-diphenyl-1,5-diaza-3,7-diphosphacyclooctane with tetra(methyl) Tj ETQq1 1 0.784314 rgBT /O	0.4	11
38	Electrodriven molecular system based on tetraviologen calix[4]resorcine and dianion 1,5-bis(n-sulfonatophenyl)-3,7-diphenyl-1,5-diaza-3,7-diphosphacyclooctane. Electrochimica Acta, 2013, 111, 466-473.	2.6	10
39	Electroswitchable self-assembly of tetraferrocene-resorcinarene. Mendeleev Communications, 2013, 23, 71-73.	0.6	10
40	Electrochemical control of association and deposition of tetraviologen calix[4]resorcin. Russian Journal of Electrochemistry, 2014, 50, 756-772.	0.3	10
41	Highly active Pdâ€"Ni nanocatalysts supported on multicharged polymer matrix. Catalysis Science and Technology, 2017, 7, 5914-5919.	2.1	10
42	Closed polymer containers based on phenylboronic esters of resorcinarenes. Beilstein Journal of Nanotechnology, 2018, 9, 1594-1601.	1.5	10
43	Supramolecular systems based on aminomethylated calix[4]resorcinarene and a cationic surfactant: Catalysts of the hydrolysis of esters of phosphorus acids. Russian Journal of Physical Chemistry A, 2012, 86, 200-204.	0.1	9
44	Binding of 1,5-bis(p-sulfonatophenyl)-3,7-diphenyl-1,5-diaza-3,7-diphosphacyclooctane with tetramethylviologen calix[4]resorcin with a methyl radical in the resorcinol ring. Russian Journal of Electrochemistry, 2014, 50, 142-153.	0.3	9
45	Application of ferrocene-resorcinarene in silver nanoparticle synthesis. RSC Advances, 2016, 6, 87128-87133.	1.7	9
46	Supramolecular assembly of calix[4]resorcinarenes and chitosan for the design of drug nanocontainers with selective effects on diseased cells. New Journal of Chemistry, 2020, 44, 17854-17863.	1.4	9
47	N-methyl-d-glucaminocalix[4]resorcinol and its complexes with N-hexadecyl-Nâ€™-methyl viologen: Self-assembly and encapsulation activities. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 583, 124033.	2.3	8
48	Nanoencapsulation of food bioactives in supramolecular assemblies based on cyclodextrins and surfactant. Food Hydrocolloids, 2021, 113, 106449.	5.6	8
49	pH-Controlled Photoinduced Electron Transfer in the [(Mo6Cl8)L6]â"Calix[4]resorcineâ"Dimethylviologen System. Organic Letters, 2011, 13, 506-509.	2.4	7
50	Electricoswitchable bonding of metal ions and complexes by calixarenes. Russian Journal of Electrochemistry, 2011, 47, 1082-1090.	0.3	7
51	Polymer and supramolecular nanocontainers based on carboxylate derivatives of resorcinarenes for binding of substrates and design of composites for catalysis. Russian Chemical Bulletin, 2020, 69, 351-359.	0.4	7
52	Redox induced translocation of a guest molecule between viologenâ€"resorcinarene and Î²-cyclodextrin. Tetrahedron Letters, 2008, 49, 2566-2568.	0.7	6
53	Reduction-controlled substrate release from a polymer nanosphere based on a viologen-cavitand. RSC Advances, 2016, 6, 70072-70076.	1.7	6
54	Title is missing!. Russian Journal of General Chemistry, 2001, 71, 1422-1425.	0.3	5

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55	Electrochemical switching of monomerâ€"associate in the system tetraviologen calix[4]resorcinolâ€"3,7-di(l-menthyl)-1,5-di(p-sulfonatophenyl)-1,5-diaza-3,7-diphosphacyclooctane. Russian Chemical Bulletin, 2013, 62, 2158-2170.	0.4	5
56	A Glucoseâ€Responsive Polymer Nanocarrier Based on Sulfonated Resorcinarene for Controlled Insulin Delivery. ChemPlusChem, 2019, 84, 1560-1566.	1.3	5
57	Photocatalytic properties of hybrid materials based on a multicharged polymer matrix with encored TiO₂ and noble metal (Pt, Pd or Au) nanoparticles. New Journal of Chemistry, 2020, 44, 7169-7174.	1.4	5
58	Doxorubicin delivery by polymer nanocarrier based on N-methylglucamine resorcinarene. Supramolecular Chemistry, 2020, 32, 150-161.	1.5	4
59	Formation of supramolecular structures in aqueous medium by noncovalent interactions between surfactant and resorcin[4]arene. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, , 129330.	2.3	3
60	4,4'-Diaminodiphenyl Sulfone, a Substituted Troger Base, and Its Functionalization by the Amino Group. Russian Journal of General Chemistry, 2003, 73, 1401-1405.	0.3	2
61	Interaction of mucin with viologen and acetate derivatives of calix[4]resorcinols. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112089.	2.5	1
62	Complexation-induced nanoarchitectonics of sulfonate cailx[4]resorcinol substituted at the upper rim by N-methyl-d-glucamine fragments: Morphological transition and in vitro anticancer activity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 643, 128796.	2.3	1
63	Synthesis of Water-Soluble â€œMolecular Tweezersâ€•on the Basis of 4,4'-Diaminodiphenyl Sulfone and Monosaccharides. Russian Journal of General Chemistry, 2003, 73, 1448-1452.	0.3	0
64	Electrochemically controlled binding of bis-P,P-chelate platinum(II) dication to 3,7-di(2-pyridyl)-1,5-diphenyl-1,5-diaza-3,7-diphosphacyclooctane complex and ferrocyanide ion with tetraviologen calix[4]resorcinol. Russian Chemical Bulletin, 2015, 64, 291-305.	0.4	0
65	Glutathione responsive nanocarrier based on viologen resorcinarene cavitand and 1-allylthymine. New Journal of Chemistry, 0, , .	1.4	0