

Albina Y Ziganshina

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9339761/publications.pdf>

Version: 2024-02-01

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	Effect of preorganization and amphiphilicity of calix[4]arene platform on functional properties of viologen derivatives. <i>Journal of Molecular Liquids</i> , 2022, 345, 117801.	2.3	12
2	Complexation-induced nanoarchitectonics of sulfonate calix[4]resorcinol substituted at the upper rim by N-methyl-d-glucamine fragments: Morphological transition and in vitro anticancer activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 643, 128796.	2.3	1
3	Formation of supramolecular structures in aqueous medium by noncovalent interactions between surfactant and resorcin[4]arene. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, , 129330.	2.3	3
4	Nanoencapsulation of food bioactives in supramolecular assemblies based on cyclodextrins and surfactant. <i>Food Hydrocolloids</i> , 2021, 113, 106449.	5.6	8
5	Interaction of mucin with viologen and acetate derivatives of calix[4]resorcinols. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112089.	2.5	1
6	Design of N-Methyl-D-Glucamine-Based Resorcin[4]arene Nanoparticles for Enhanced Apoptosis Effects. <i>Molecular Pharmaceutics</i> , 2020, 17, 40-49.	2.3	12
7	Supraamphiphilic Systems Based on Metallosurfactant and Calix[4]resorcinol: Self-Assembly and Drug Delivery Potential. <i>Inorganic Chemistry</i> , 2020, 59, 18276-18286.	1.9	15
8	Photocatalytic properties of hybrid materials based on a multicharged polymer matrix with encored TiO ₂ and noble metal (Pt, Pd or Au) nanoparticles. <i>New Journal of Chemistry</i> , 2020, 44, 7169-7174.	1.4	5
9	Doxorubicin delivery by polymer nanocarrier based on N-methylglucamine resorcinarene. <i>Supramolecular Chemistry</i> , 2020, 32, 150-161.	1.5	4
10	Two-step one-pot electrosynthesis and catalytic activity of xCoO _y Co(OH) ₂ -supported silver nanoparticles. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 829-842.	1.2	14
11	Two-step electrosynthesis and catalytic activity of CoO _x CoO _y ·xH ₂ O-supported Ag, Au, and Pd nanoparticles. <i>Russian Chemical Bulletin</i> , 2020, 69, 241-254.	0.4	12
12	Polymer and supramolecular nanocontainers based on carboxylate derivatives of resorcinarenes for binding of substrates and design of composites for catalysis. <i>Russian Chemical Bulletin</i> , 2020, 69, 351-359.	0.4	7
13	Supramolecular assembly of calix[4]resorcinarenes and chitosan for the design of drug nanocontainers with selective effects on diseased cells. <i>New Journal of Chemistry</i> , 2020, 44, 17854-17863.	1.4	9
14	N-methyl-d-glucaminocalix[4]resorcinol and its complexes with N-hexadecyl-N ⁺ -methyl viologen: Self-assembly and encapsulation activities. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 583, 124033.	2.3	8
15	A Glucose-Responsive Polymer Nanocarrier Based on Sulfonated Resorcinarene for Controlled Insulin Delivery. <i>ChemPlusChem</i> , 2019, 84, 1560-1566.	1.3	5
16	Structure and catalytic activity of ultrasmall Rh, Pd and (Rh + Pd) nanoparticles obtained by mediated electrosynthesis. <i>New Journal of Chemistry</i> , 2019, 43, 3931-3945.	1.4	16
17	N-Methyl-d-glucamine-Calix[4]resorcinarene Conjugates: Self-Assembly and Biological Properties. <i>Molecules</i> , 2019, 24, 1939.	1.7	16
18	Self-assembling and biological properties of single-chain dicationic pyridinium-based surfactants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 351-357.	2.5	26

#	ARTICLE	IF	CITATIONS
19	Supramolecular assemblies involving calix[4]resorcinol and surfactant with pH-induced morphology transition for drug encapsulation. <i>Journal of Molecular Liquids</i> , 2018, 261, 218-224.	2.3	19
20	Electrochemical synthesis of metal nanoparticles using a polymeric mediator, whose reduced form is adsorbed (deposited) on an electrode. <i>Russian Chemical Bulletin</i> , 2018, 67, 215-229.	0.4	16
21	Closed polymer containers based on phenylboronic esters of resorcinarenes. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 1594-1601.	1.5	10
22	Molecular Oxygen as Mediator in the Metal Nanoparticles TM Electrosynthesis in N,N-Dimethylformamide. <i>Russian Journal of Electrochemistry</i> , 2018, 54, 265-282.	0.3	13
23	Highly active Pd ^{II} -Ni nanocatalysts supported on multicharged polymer matrix. <i>Catalysis Science and Technology</i> , 2017, 7, 5914-5919.	2.1	10
24	Controlling the release of hydrophobic compounds by a supramolecular amphiphilic assembly. <i>RSC Advances</i> , 2016, 6, 38548-38552.	1.7	12
25	Application of ferrocene-resorcinarene in silver nanoparticle synthesis. <i>RSC Advances</i> , 2016, 6, 87128-87133.	1.7	9
26	Reduction-controlled substrate release from a polymer nanosphere based on a viologen-cavitand. <i>RSC Advances</i> , 2016, 6, 70072-70076.	1.7	6
27	Electrochemical synthesis of nanocomposite of palladium nanoparticles with polymer viologen-containing nanocapsule. <i>Russian Chemical Bulletin</i> , 2016, 65, 125-132.	0.4	20
28	Superamphiphilic nanocontainers based on the resorcinarene ⁺ Cationic surfactant system: Synergetic self-assembling behavior. <i>Chemical Physics Letters</i> , 2016, 652, 190-194.	1.2	15
29	Electrochemical mediated synthesis of silver nanoparticles in solution. <i>Russian Journal of Electrochemistry</i> , 2015, 51, 1029-1040.	0.3	24
30	Thermoresponsive Polymer Nanoparticles Based on Viologen Cavitands. <i>ChemPlusChem</i> , 2015, 80, 217-222.	1.3	16
31	High catalytic activity of palladium nanoparticle clusters supported on a spherical polymer network. <i>Chemical Communications</i> , 2015, 51, 13317-13320.	2.2	26
32	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. <i>Russian Chemical Bulletin</i> , 2015, 64, 291-305.	0.4	0
33	Mediated electrochemical synthesis of Pd ⁰ nanoparticles in solution. <i>Russian Journal of Electrochemistry</i> , 2015, 51, 951-962.	0.3	21
34	Electrochemical synthesis of silver nanoparticles in solution. <i>Electrochemistry Communications</i> , 2015, 50, 69-72.	2.3	97
35	Methyl viologen and tetraviologen calix[4]resorcinol as mediators of the electrochemical reduction of [PdCl ₄] ²⁻ with formation of finely dispersed Pd ⁰ . <i>Russian Chemical Bulletin</i> , 2014, 63, 1409-1415.	0.4	26
36	Electrochemical control of association and deposition of tetraviologen calix[4]resorcin. <i>Russian Journal of Electrochemistry</i> , 2014, 50, 756-772.	0.3	10

#	ARTICLE	IF	CITATIONS
37	Tetraviologen calix[4]resorcine as a mediator of the electrochemical reduction of [PdCl ₄] ²⁻ for the production of Pd ₀ nanoparticles. <i>Mendeleev Communications</i> , 2014, 24, 108-110.	0.6	35
38	Controlling the Size and Morphology of Supramolecular Assemblies of Viologen-Resorcin[4]arene Cavitands. <i>Chemistry - A European Journal</i> , 2014, 20, 14018-14025.	1.7	22
39	Supramolecular systems based on calix[4]resorcine with mono-, di-, and tetracationic surfactants: Synergetic structural and solubilization behavior. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 448, 67-72.	2.3	20
40	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. <i>Russian Journal of Electrochemistry</i> , 2014, 50, 142-153.	0.3	9
41	A Supramolecular Amphiphile Based on Calix[4]resorcinarene and Cationic Surfactant for Controlled Self-Assembly. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20280-20288.	1.5	38
42	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. <i>Electrochimica Acta</i> , 2013, 111, 466-473.	2.6	10
43	Electrochemical switching of monomer-associate in the system tetraviologen calix[4]resorcinol-3,7-di(l-menthyl)-1,5-di(p-sulfonatophenyl)-1,5-diaza-3,7-diphosphacyclooctane. <i>Russian Chemical Bulletin</i> , 2013, 62, 2158-2170.	0.4	5
44	Electroswitchable self-assembly of tetraferrocene-resorcinarene. <i>Mendeleev Communications</i> , 2013, 23, 71-73.	0.6	10
45	Binding of 1,5-bis(p-sulfonatophenyl)-3,7-diphenyl-1,5-diaza-3,7-diphosphacyclooctane with tetra(methyl) Tj ETQq1,10.784314 rgBT	0.4	11
46	Supramolecular systems based on aminomethylated calix[4]resorcinarene and a cationic surfactant: Catalysts of the hydrolysis of esters of phosphorus acids. <i>Russian Journal of Physical Chemistry A</i> , 2012, 86, 200-204.	0.1	9
47	Redox-switchable binding of ferrocyanide with tetra(viologen)calix [4] resorcine. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 72, 299-308.	1.6	14
48	Novel self-assembling system based on resorcinarene and cationic surfactant. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15891.	1.3	39
49	pH-Controlled Photoinduced Electron Transfer in the [(Mo ₆ Cl ₈)L ₆]-Calix[4]resorcine-Dimethylviologen System. <i>Organic Letters</i> , 2011, 13, 506-509.	2.4	7
50	Electricoswitchable bonding of metal ions and complexes by calixarenes. <i>Russian Journal of Electrochemistry</i> , 2011, 47, 1082-1090.	0.3	7
51	A new three-way supramolecular switch based on redox-controlled interconversion of hetero- and homo-guest-pair inclusion inside a host molecule. <i>Chemical Communications</i> , 2009, , 416-418.	2.2	66
52	Self-assembly of an aminoalkylated resorcinarene in aqueous media: host-guest properties. <i>New Journal of Chemistry</i> , 2009, 33, 2397.	1.4	18
53	Redox induced translocation of a guest molecule between viologen-resorcinarene and β -cyclodextrin. <i>Tetrahedron Letters</i> , 2008, 49, 2566-2568.	0.7	6
54	Electrochemical behaviour of a molecular capsule based on methylviologen-resorcinarene and sulfonatomethylene-resorcinarene. <i>Tetrahedron Letters</i> , 2008, 49, 5312-5315.	0.7	22

#	ARTICLE	IF	CITATIONS
55	Water-soluble tetra(methylviologen)calix[4]resorcinarene: host-guest properties toward aromatic compounds. <i>Mendeleev Communications</i> , 2007, 17, 145-147.	0.6	12
56	Stable π -dimer of a tetrathiafulvalene cation radical encapsulated in the cavity of cucurbit[8]uril. <i>Chemical Communications</i> , 2004, , 806-807.	2.2	172
57	4,4'-Diaminodiphenyl Sulfone, a Substituted Troger Base, and Its Functionalization by the Amino Group. <i>Russian Journal of General Chemistry</i> , 2003, 73, 1401-1405.	0.3	2
58	Synthesis of Water-Soluble α -Molecular Tweezers on the Basis of 4,4'-Diaminodiphenyl Sulfone and Monosaccharides. <i>Russian Journal of General Chemistry</i> , 2003, 73, 1448-1452.	0.3	0
59	A[2]Pseudorotaxane-Based Molecular Machine: Reversible Formation of a Molecular Loop Driven by Electrochemical and Photochemical Stimuli. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4097-4100.	7.2	172
60	A stable cis-stilbene derivative encapsulated in cucurbit[7]uril. Electronic Supplementary Information (ESI) available: determination of binding constants. See http://www.rsc.org/suppdata/cc/b3/b306832c/ . <i>Chemical Communications</i> , 2003, , 2176.	2.2	77
61	Synthesis and Structural Peculiarities of Homeomorphic Phosphorus Bridgehead Macrobicyclic Compounds and Novel Dioxaphospha[3.1.1.]p,m,p-cyclophanes. <i>Chemistry - A European Journal</i> , 2002, 8, 5622-5629.	1.7	14
62	Title is missing!. <i>Russian Journal of General Chemistry</i> , 2001, 71, 1422-1425.	0.3	5
63	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001, 39, 65-69.	1.6	12
64	Aminoalkylated Calix[4]resorcinarenes as pH Sensitive α -hosts for Charged Metallocomplexes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999, 35, 397-407.	1.6	12
65	Glutathione responsive nanocarrier based on viologen resorcinarene cavitand and 1-allylthymine. <i>New Journal of Chemistry</i> , 0, , .	1.4	0