Elza D Sultanova

List of Publications by Year
in descending order

26	299	840776 11	940533 16
papers	citations	h-index	g-index

27	27	27	296
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Methyl viologen and tetraviologen calix[4]resorcinol as mediators of the electrochemical reduction of [PdCl4]2â^' with formation of finely dispersed Pd0. Russian Chemical Bulletin, 2014, 63, 1409-1415.	1.5	26
2	High catalytic activity of palladium nanoparticle clusters supported on a spherical polymer network. Chemical Communications, 2015, 51, 13317-13320.	4.1	26
3	Controlling the Size and Morphology of Supramolecular Assemblies of Viologenâ€"Resorcin[4]arene Cavitands. Chemistry - A European Journal, 2014, 20, 14018-14025.	3.3	22
4	Novel amphiphilic conjugates of p-tert-butylthiacalix[4]arene with 10,12-pentacosadiynoic acid in 1,3-alternate stereoisomeric form. Synthesis and chromatic properties in the presence of metal ions. New Journal of Chemistry, 2018, 42, 2942-2951.	2.8	22
5	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.	4.7	20
6	Electrochemical synthesis of nanocomposite of palladium nanoparticles with polymer viologen-containing nanocapsule. Russian Chemical Bulletin, 2016, 65, 125-132.	1.5	20
7	Thermoresponsive Polymer Nanoparticles Based on Viologen Cavitands. ChemPlusChem, 2015, 80, 217-222.	2.8	16
8	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.	1.5	16
9	Individual Ni atoms on reduced graphene oxide as efficient catalytic system for reduction of 4-nitrophenol. Applied Surface Science, 2021, 565, 150503.	6.1	16
10	New Amphiphilic Imidazolium/Benzimidazolium Calix[4]arene Derivatives: Synthesis, Aggregation Behavior and Decoration of DPPC Vesicles for Suzuki Coupling in Aqueous Media. Nanomaterials, 2020, 10, 1143.	4.1	15
11	Molecular Oxygen as Mediator in the Metal Nanoparticlesâ€™ Electrosynthesis in N,N-Dimethylformamide. Russian Journal of Electrochemistry, 2018, 54, 265-282.	0.9	13
12	Electroswitchable self-assembly of tetraferrocene-resorcinarene. Mendeleev Communications, 2013, 23, 71-73.	1.6	10
13	Electrochemical control of association and deposition of tetraviologen calix[4]resorcin. Russian Journal of Electrochemistry, 2014, 50, 756-772.	0.9	10
14	Highly active Pdâ€"Ni nanocatalysts supported on multicharged polymer matrix. Catalysis Science and Technology, 2017, 7, 5914-5919.	4.1	10
15	New DNA-sensor based on thiacalix[4]arene-modified polydiacetylene particles. Russian Chemical Bulletin, 2019, 68, 1067-1074.	1.5	9
16	Amphiphilic Pd^{II}â€NHC Complexes on 1,3â€Alternate pâ€tertâ€Butylthiacalix[4]arene Platform: Synthesis and Catalytic Activities in Coupling and Hydrogenation Reactions. European Journal of Organic Chemistry, 2020, 2020, 2180-2189.	2.4	7
17	Reduction-controlled substrate release from a polymer nanosphere based on a viologen-cavitand. RSC Advances, 2016, 6, 70072-70076.	3.6	6
18	New Amphiphilic Calix[4]Arene Derivatives with 4,5-Dicarboxytriazolyl Fragments: Synthesis and Use in Micellar Catalysis. Russian Journal of Physical Chemistry B, 2019, 13, 401-407.	1.3	6

#	Article	IF	Citations
19	New Calix[4]areneâ€"Fluoresceine Conjugate by Click Approachâ€"Synthesis and Preparation of Photocatalytically Active Solid Lipid Nanoparticles. Molecules, 2022, 27, 2436.	3.8	6
20	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.	1.5	5
21	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.	2.8	5
22	New poly-imidazoliumâ€"triazole particles by CuAAC cross-linking of calix[4]arene bis-azide/alkyne amphiphiles â€" a prospective support for Pd in the Mizorokiâ€"Heck reaction. RSC Advances, 2021, 11, 584-591.	3.6	4
23	Amino-Modified Silica-Supported Copper-Palladium Alloy. Synthesis and Use in Selective Hydrogenation of Disubstituted Nitroarenes in a Flow Micro Reactor. Russian Journal of Organic Chemistry, 2019, 55, 1-6.	0.8	3
24	Novel aminocalixarene-modified polydiacetylene vesicles: Synthesis and naked-eye detection of ATP. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 630, 127642.	4.7	3
25	Amphiphilic N-oxyethylimidazolium calixarenes: synthesis, micellar solubilization and molecular recognition of Adenine-containing nucleotides. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, , 129236.	4.7	3
26	Synthesis, Aggregation Behavior, and Catalytic Activity in the Ullmann Reaction of Amphiphilic p-tert-Butylthiacalix[4]arene with Azidoalkylimidazolium Moieties. Macroheterocycles, 2019, 12, 340-345.	0.5	0