Anastasiya Olegovna Solovieva

List of Publications by Year
in descending order

31 papers	808 citations	516710 16 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	773 citing authors

#	Article	IF	Citations
1	Cellular internalisation, bioimaging and dark and photodynamic cytotoxicity of silica nanoparticles doped by {Mo₆I₈}⁴⁺ metal clusters. Journal of Materials Chemistry B, 2016, 4, 4839-4846.	5.8	94
2	The First Water-Soluble Hexarhenium Cluster Complexes with a Heterocyclic Ligand Environment: Synthesis, Luminescence, and Biological Properties. Inorganic Chemistry, 2014, 53, 9006-9013.	4.0	73
3	Nanosized mesoporous metalâ€“organic framework MIL-101 as a nanocarrier for photoactive hexamolybdenum cluster compounds. Journal of Inorganic Biochemistry, 2017, 166, 100-107.	3.5	57
4	Singlet Oxygen Production and Biological Activity of Hexanuclear Chalcocyanide Rhenium Cluster Complexes [{Re₆Q₈}(CN)₆]^{4â€“} (Q = S, Se, Te). Inorganic Chemistry, 2017, 56, 13491-13499.	4.0	47
5	Plasma-Coated Polycaprolactone Nanofibers with Covalently Bonded Platelet-Rich Plasma Enhance Adhesion and Growth of Human Fibroblasts. Nanomaterials, 2019, 9, 637.	4.1	47
6	Comprehensive study of hexarhenium cluster complex Na 4 [{Re 6 Te 8 }(CN) 6] â€“ In terms of a new promising luminescent and X-ray contrast agent. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 755-763.	3.3	46
7	Water-soluble hybrid materials based on {Mo₆X₈}⁴⁺ (X = Cl, Br, I) cluster complexes and sodium polystyrene sulfonate. New Journal of Chemistry, 2017, 41, 1670-1676.	2.8	44
8	From Photoinduced to Dark Cytotoxicity through an Octahedral Cluster Hydrolysis. Chemistry - A European Journal, 2018, 24, 17915-17920.	3.3	39
9	Immobilization of Platelet-Rich Plasma onto COOH Plasma-Coated PCL Nanofibers Boost Viability and Proliferation of Human Mesenchymal Stem Cells. Polymers, 2017, 9, 736.	4.5	35
10	Water-soluble Re₆-clusters with aromatic phosphine ligands â€“ from synthesis to potential biomedical applications. Inorganic Chemistry Frontiers, 2019, 6, 882-892.	6.0	34
11	Cellular imaging by green luminescence of Tb(III)-doped aminomodified silica nanoparticles. Materials Science and Engineering C, 2017, 76, 551-558.	7.3	32
12	Cellular internalization and morphological analysis after intravenous injection of a highly hydrophilic octahedral rhenium cluster complex â€“ a new promising Xâ€ray contrast agent. Contrast Media and Molecular Imaging, 2016, 11, 459-466.	0.8	30
13	Supporting effect of polyethylenimine on hexarhenium hydroxo cluster complex for cellular imaging applications. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 340, 46-52.	3.9	27
14	Luminescent silica mesoparticles for protein transduction. Materials Science and Engineering C, 2019, 96, 530-538.	7.3	19
15	A comparative study of hydrophilic phosphine hexanuclear rhenium cluster complexesâ€™ toxicity. Toxicology Research, 2017, 6, 554-560.	2.1	18
16	Single-domain antibody C7b for address delivery of nanoparticles to HER2-positive cancers. Nanoscale, 2020, 12, 21885-21894.	5.6	18
17	Antimicrobial Effect of Electrospun Nanofibers Loaded with Silver Nanoparticles: Influence of Ag Incorporation Method. Journal of Nanomaterials, 2021, 2021, 1-15.	2.7	18
18	Luminescent coordination polymers based on Ca²⁺ and octahedral cluster anions [{M₆Clⁱ₈}Cl^a₆]^{2â^’} (M = Mo,) Tj ET Q q 0 0 0 rg BT /Overlo		

#	Article	IF	Citations
19	Structure optimization for enhanced luminescent and paramagnetic properties of hydrophilic nanomaterial based on heterometallic Gd-Re complexes. Materials and Design, 2018, 146, 49-56.	7.0	15
20	Hybrid system {W₆I₈}-cluster/dsDNA as an agent for targeted X-ray induced photodynamic therapy of cancer stem cells. Materials Chemistry Frontiers, 2021, 5, 7499-7507.	5.9	13
21	Apolipoprotein A-I Supports MSCs Survival under Stress Conditions. International Journal of Molecular Sciences, 2020, 21, 4062.	4.1	11
22	Biodegradable Nanohybrid Materials as Candidates for Self-Sanitizing Filters Aimed at Protection from SARS-CoV-2 in Public Areas. Molecules, 2022, 27, 1333.	3.8	11
23	Electrospun Biodegradable Nanofibers Coated Homogenously by Cu Magnetron Sputtering Exhibit Fast Ion Release. Computational and Experimental Study. Membranes, 2021, 11, 965.	3.0	11
24	XPS Modeling of Immobilized Recombinant Angiogenin and Apoliprotein A1 on Biodegradable Nanofibers. Nanomaterials, 2020, 10, 879.	4.1	9
25	Ag-Contained Superabsorbent Curdlanâ€“Chitosan Foams for Healing Wounds in a Type-2 Diabetic Mice Model. Pharmaceutics, 2022, 14, 724.	4.5	9
26	Polyelectrolyte-coated ultra-small nanoparticles with Tb(III)-centered luminescence as cell labels with unusual charge effect on their cell internalization. Materials Science and Engineering C, 2019, 95, 166-173.	7.3	8
27	From Specific Î³â€CD/[Nb₆Cl₁₂(H₂O)₆]²⁺ Recognition to Biological Activity Tuning. Chemistry - A European Journal, 2020, 26, 7479-7485.	3.3	8
28	Plasmaâ€coated PCL scaffolds with immobilized plateletâ€rich plasma enhance the wound healing in diabetics mice. Plasma Processes and Polymers, 2022, 19, .	3.0	8
29	Silica nanoparticles with Tb(III)-centered luminescence decorated by Ag0 as efficient cellular contrast agent with anticancer effect. Journal of Inorganic Biochemistry, 2018, 182, 170-176.	3.5	7
30	Adhesion and Proliferation of Mesenchymal Stem Cells on Plasma-Coated Biodegradable Nanofibers. Journal of Composites Science, 2022, 6, 193.	3.0	4
31	Autophagy as a life support marker of isolated hepatocytes. Morfologiia (Saint Petersburg, Russia), 2021, 159, 5-12.	0.0	0