Svetlana Yu Avvakumova

List of Publications by Year
in descending order

19	678	687363 13	839539 18
papers	citations	h-index	g-index

21	21	21	1547
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Negatively charged silver nanoparticles with potent antibacterial activity and reduced toxicity for pharmaceutical preparations. International Journal of Nanomedicine, 2017, Volume 12, 2517-2530.	6.7	108
2	Biotechnological approaches toward nanoparticle biofunctionalization. Trends in Biotechnology, 2014, 32, 11-20.	9.3	107
3	H-Ferritin Enriches the Curcumin Uptake and Improves the Therapeutic Efficacy in Triple Negative Breast Cancer Cells. Biomacromolecules, 2017, 18, 3318-3330.	5.4	69
4	Investigation of antitumor activities of trastuzumab delivered by PLGA nanoparticles. International Journal of Nanomedicine, 2018, Volume 13, 957-973.	6.7	53
5	Proteinâ€Assisted Oneâ€Pot Synthesis and Biofunctionalization of Spherical Gold Nanoparticles for Selective Targeting of Cancer Cells. Angewandte Chemie - International Edition, 2012, 51, 9272-9275.	13.8	48
6	Gold nanoparticles decorated by clustered multivalent cone-glycocalixarenes actively improve the targeting efficiency toward cancer cells. Chemical Communications, 2014, 50, 11029.	4.1	43
7	Gold Nanoparticles Capped by a GC-Containing Peptide Functionalized with an RGD Motif for Integrin Targeting. Bioconjugate Chemistry, 2012, 23, 340-349.	3.6	41
8	Delivering Colloidal Nanoparticles to Mammalian Cells: A Nanoâ€“Bio Interface Perspective. Advanced Healthcare Materials, 2014, 3, 957-976.	7.6	39
9	Click Chemistry Immobilization of Antibodies on Polymer Coated Gold Nanoparticles. Langmuir, 2016, 32, 7435-7441.	3.5	35
10	Conformational properties of intrinsically disordered proteins bound to the surface of silica nanoparticles. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 1556-1564.	2.4	29
11	Theranostic Nanocages for Imaging and Photothermal Therapy of Prostate Cancer Cells by Active Targeting of Neuropeptide-Y Receptor. Bioconjugate Chemistry, 2016, 27, 2911-2922.	3.6	24
12	Impact of the strategy adopted for drug loading in nonporous silica nanoparticles on the drug release and cytotoxic activity. Journal of Colloid and Interface Science, 2018, 519, 18-26.	9.4	21
13	Development of U11-Functionalized Gold Nanoparticles for Selective Targeting of Urokinase Plasminogen Activator Receptor-Positive Breast Cancer Cells. Bioconjugate Chemistry, 2014, 25, 1381-1386.	3.6	19
14	Auâ€“thymine, thymidine and thymidine 5â€²-monophosphate nanoparticles: chemical characterisation and cellular uptake studies into U87 cancer cells. RSC Advances, 2012, 2, 3658.	3.6	9
15	Gold Nanoparticles Modified with Guanine and Its Derivatives: Study of Conformational Changes. Journal of Physical Chemistry C, 2013, 117, 3002-3010.	3.1	9
16	A fast and straightforward procedure for vault nanoparticle purification and the characterization of its endocytic uptake. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2254-2260.	2.4	8
17	â¿¿Blindâ¿¿ targeting in action: From phage display to breast cancer cell targeting with peptide-gold nanoconjugates. Pharmacological Research, 2016, 111, 155-162.	7.1	5
18	Bioengineered Approaches for Site Orientation of Peptide-Based Ligands of Nanomaterials. , 2018, , 139-169.		5

#	Article	IF	Citations
19	Gold nanocages for imaging and therapy of prostate cancer cells. Proceedings of SPIE, 2016, , .	0.8	0