Tatyana S Godovikova

List of Publications by Year
in descending order

21	395	933447 10	752698 20
papers	citations	h-index	g-index

21	21	21	537
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	AGEs, RAGEs and s-RAGE; friend or foe for cancer. Seminars in Cancer Biology, 2018, 49, 44-55.	9.6	133
2	Methanethiosulfonate Derivative of OX063 Trityl: A Promising and Efficient Reagent for Sideâ€Directed Spin Labeling of Proteins. Chemistry - A European Journal, 2020, 26, 2705-2712.	3.3	40
3	Design of protein homocystamides with enhanced tumor uptake properties for 19F magnetic resonance imaging. Bioorganic and Medicinal Chemistry, 2015, 23, 6943-6954.	3.0	30
4	Multifunctional human serum albumin-therapeutic nucleotide conjugate with redox and pH-sensitive drug release mechanism for cancer theranostics. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3925-3930.	2.2	28
5	Studies of the functional topography of Escherichia coli RNA polymerase. Affinity labelling of RNA polymerase in a promoter complex by phosphorylating derivatives of primer oligonucleotides. FEBS Journal, 1987, 166, 611-616.	0.2	21
6	Biocompatibility of Small-Diameter Vascular Grafts in Different Modes of RGD Modification. Polymers, 2019, 11, 174.	4.5	20
7	Synthesis and characterization of fluorinated homocysteine derivatives as potential molecular probes for 19 F magnetic resonance spectroscopy and imaging. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4050-4053.	2.2	19
8	Biotin-decorated anti-cancer nucleotide theranostic conjugate of human serum albumin: Where the seed meets the soil?. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 260-264.	2.2	17
9	Human serum albumin as a catalyst of RNA cleavage: N-Homocysteinylation and N-phosphorylation by oligonucleotide affinity reagent alter the reactivity of the protein. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5396-5398.	2.2	12
10	Interaction of human serum albumin and its clinically relevant modification with oligoribonucleotides. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4511-4514.	2.2	11
11	Rational Design of Albumin Theranostic Conjugates for Gold Nanoparticles Anticancer Drugs: Where the Seed Meets the Soil?. Biomedicines, 2021, 9, 74.	3.2	10
12	RNA-hydrolyzing activity of human serum albumin and its recombinant analogue. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 1427-1431.	2.2	9
13	Affinity separation of polyribonucleotide-binding human blood proteins. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5526-5529.	2.2	8
14	Ligand-Directed Acid-Sensitive Amidophosphate 5-Trifluoromethyl-2â€²-Deoxyuridine Conjugate as a Potential Theranostic Agent. Bioconjugate Chemistry, 2013, 24, 780-795.	3.6	8
15	Biodegradable Patches for Arterial Reconstruction Modified with RGD Peptides: Results of an Experimental Study. ACS Omega, 2020, 5, 21700-21711.	3.5	7
16	Homocystamide Conjugates of Human Serum Albumin as a Platform to Prepare Bimodal Multidrug Delivery Systems for Boron Neutron Capture Therapy. Molecules, 2021, 26, 6537.	3.8	7
17	Study of the chemical structures of the photo-cross-linking products between Tyr and the 5-azido-2-nitrobenzoyl residue. Journal of Photochemistry and Photobiology B: Biology, 2000, 54, 16-25.	3.8	5
18	Tyrosine 54 and tryptophan 108 of streptavidin are photolabelled by N-(2-nitro-5-azidobenzoyl)-Nâ€²-(d-biotinyl)-1,4-diaminobutane and N-(4-azidophenyl)-Nâ€²-(d-biotinyl)-1,4-diaminobutane, respectively. Isolation, spectrophotometric characterization and sequence analysis of photolabelled peptides. Journal of Photochemistry and Photobiology B: Biology, 1998, 45, 9-18.	3.8	4

#	Article	IF	Citations
19	Protein modification by thiolactone homocysteine chemistry: a multifunctionalized human serum albumin theranostic. RSC Medicinal Chemistry, 2020, 11, 1314-1325.	3.9	4
20	Long-lived reactive intermediate photogenerated from N-(5-azido-2-nitrobenzoyl)-Nâ€²-(d-biotinyl)-1,2-diaminoethane as an affinity reagent to streptavidin. Journal of Photochemistry and Photobiology B: Biology, 2001, 61, 68-77.	3.8	1
21	Why do p-nitro-substituted aryl azides provide unintended dark reactions with proteins?. Journal of Photochemistry and Photobiology B: Biology, 2010, 100, 19-29.	3.8	1