

Tatyana S Godovikova

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

395
citations

933447

10
h-index

752698

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21
all docs

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docs citations

21
times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational Design of Albumin Theranostic Conjugates for Gold Nanoparticles Anticancer Drugs: Where the Seed Meets the Soil?. <i>Biomedicines</i> , 2021, 9, 74.	3.2	10
2	Homocystamide Conjugates of Human Serum Albumin as a Platform to Prepare Bimodal Multidrug Delivery Systems for Boron Neutron Capture Therapy. <i>Molecules</i> , 2021, 26, 6537.	3.8	7
3	Methanethiosulfonate Derivative of OX063 Trityl: A Promising and Efficient Reagent for Site-Targeted Spin Labeling of Proteins. <i>Chemistry - A European Journal</i> , 2020, 26, 2705-2712.	3.3	40
4	Biodegradable Patches for Arterial Reconstruction Modified with RGD Peptides: Results of an Experimental Study. <i>ACS Omega</i> , 2020, 5, 21700-21711.	3.5	7
5	Protein modification by thiolactone homocysteine chemistry: a multifunctionalized human serum albumin theranostic. <i>RSC Medicinal Chemistry</i> , 2020, 11, 1314-1325.	3.9	4
6	Biocompatibility of Small-Diameter Vascular Grafts in Different Modes of RGD Modification. <i>Polymers</i> , 2019, 11, 174.	4.5	20
7	Biotin-decorated anti-cancer nucleotide theranostic conjugate of human serum albumin: Where the seed meets the soil?. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 260-264.	2.2	17
8	AGEs, RAGEs and s-RAGE; friend or foe for cancer. <i>Seminars in Cancer Biology</i> , 2018, 49, 44-55.	9.6	133
9	Multifunctional human serum albumin-therapeutic nucleotide conjugate with redox and pH-sensitive drug release mechanism for cancer theranostics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3925-3930.	2.2	28
10	Design of protein homocystamides with enhanced tumor uptake properties for ¹⁹ F magnetic resonance imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 6943-6954.	3.0	30
11	Ligand-Directed Acid-Sensitive Amidophosphate 5-Trifluoromethyl-2-Deoxyuridine Conjugate as a Potential Theranostic Agent. <i>Bioconjugate Chemistry</i> , 2013, 24, 780-795.	3.6	8
12	Synthesis and characterization of fluorinated homocysteine derivatives as potential molecular probes for ¹⁹ F magnetic resonance spectroscopy and imaging. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4050-4053.	2.2	19
13	Why do p-nitro-substituted aryl azides provide unintended dark reactions with proteins?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 100, 19-29.	3.8	1
14	RNA-hydrolyzing activity of human serum albumin and its recombinant analogue. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1427-1431.	2.2	9
15	Interaction of human serum albumin and its clinically relevant modification with oligoribonucleotides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 4511-4514.	2.2	11
16	Human serum albumin as a catalyst of RNA cleavage: N-Homocysteinylolation and N-phosphorylation by oligonucleotide affinity reagent alter the reactivity of the protein. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5396-5398.	2.2	12
17	Affinity separation of polyribonucleotide-binding human blood proteins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5526-5529.	2.2	8
18	Long-lived reactive intermediate photogenerated from N-(5-azido-2-nitrobenzoyl)-N ^ε -(d-biotinyl)-1,2-diaminoethane as an affinity reagent to streptavidin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2001, 61, 68-77.	3.8	1

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19	Study of the chemical structures of the photo-cross-linking products between Tyr and the 5-azido-2-nitrobenzoyl residue. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000, 54, 16-25.	3.8	5
20	Tyrosine 54 and tryptophan 108 of streptavidin are photolabelled by N-(2-nitro-5-azidobenzoyl)-N ^ε -(d-biotinyl)-1,4-diaminobutane and N-(4-azidophenyl)-N ^ε -(d-biotinyl)-1,4-diaminobutane, respectively. Isolation, spectrophotometric characterization and sequence analysis of photolabelled peptides. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1998, 45, 9-18.	3.8	4
21	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. <i>FEBS Journal</i> , 1987, 166, 611-616.	0.2	21