

# Maria Sidorova

## List of Publications by Year in descending order

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64  
papers

653  
citations

623734

14  
h-index

677142

22  
g-index

86  
all docs

86  
docs citations

86  
times ranked

549  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of Human Immunodeficiency Virus Fusion Peptides. Analysis of Interrelations Between Their Structure and Function. <i>AIDS Research and Human Retroviruses</i> , 1992, 8, 9-18.	1.1	54
2	Identification of an atypical lipoprotein-binding protein from human aortic smooth muscle as T-cadherin. <i>FEBS Letters</i> , 1998, 421, 208-212.	2.8	43
3	Inhibition of Human Immunodeficiency Virus Type 1 (HIV-1) Penetration into Target Cells by Synthetic Peptides Mimicking the N-Terminus of the HIV-1 Transmembrane Glycoprotein. <i>Virology</i> , 1993, 194, 294-301.	2.4	38
4	Myocardial protection from ischemia/reperfusion injury by exogenous galanin fragment. <i>Oncotarget</i> , 2017, 8, 21241-21252.	1.8	38
5	Comparative evaluation of different methods for disulfide bond formation in synthesis of the HIV-1 antigenic determinant. <i>Chemical Biology and Drug Design</i> , 1997, 49, 52-58.	1.1	30
6	Effects of structural analogues of apelin-12 in acute myocardial infarction in rats. <i>Journal of Pharmacology and Pharmacotherapeutics</i> , 2013, 4, 198.	0.4	28
7	Cardioprotective properties of N-terminal galanin fragment (2-15) in experimental ischemia/reperfusion injury. <i>Oncotarget</i> , 2017, 8, 101659-101671.	1.8	28
8	212Pb: Production Approaches and Targeted Therapy Applications. <i>Pharmaceutics</i> , 2022, 14, 189.	4.5	26
9	Galanin/GalR1-3 system: A promising therapeutic target for myocardial ischemia/reperfusion injury. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1556-1562.	5.6	23
10	CD4-derived peptide and sulfated polysaccharides have similar mechanisms of anti-HIV activity based on electrostatic interactions with positively charged gp120 fragments. <i>Molecular Immunology</i> , 1993, 30, 993-1001.	2.2	21
11	In Vivo Reduction of Reperfusion Injury to the Heart with Apelin-12 Peptide in Rats. <i>Bulletin of Experimental Biology and Medicine</i> , 2011, 152, 79-82.	0.8	20
12	Some peculiarities of synthesis of cysteine-containing peptides. <i>Russian Chemical Reviews</i> , 1998, 67, 545-562.	6.5	18
13	Synthetic peptide fragment (65-76) of monocyte chemotactic protein-1 (MCP-1) inhibits MCP-1 binding to heparin and possesses anti-inflammatory activity in stable angina patients after coronary stenting. <i>Inflammation Research</i> , 2011, 60, 955-964.	4.0	15
14	Protective Effects of a Novel Agonist of Galanin Receptors Against Doxorubicin-Induced Cardiotoxicity in Rats. <i>Cardiovascular Toxicology</i> , 2019, 19, 136-146.	2.7	14
15	Galanin and its N-terminal fragments reduce acute myocardial infarction in rats. <i>Peptides</i> , 2019, 111, 127-131.	2.4	13
16	Impact of Atherosclerosis- and Diabetes-Related Dicarbonyls on Vascular Endothelial Permeability: A Comparative Assessment. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	4.0	12
17	The peptide analogue of MCP-1 65-76 sequence is an inhibitor of inflammation This paper is one of a selection of papers published in this Special Issue, entitled The Cellular and Molecular Basis of Cardiovascular Dysfunction, Dhalla 70th Birthday Tribute.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2007, 85, 332-340.	1.4	8
18	Galanin receptors activation modulates myocardial metabolic and antioxidant responses to ischaemia/reperfusion stress. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2019, 46, 1174-1182.	1.9	8

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19	Limitation of myocardial infarction by a structural analog of the peptide apelin-12. Doklady Biological Sciences, 2012, 443, 65-67.	0.6	7
20	The Peptide of Sequence 66â€“77 of Monocytic Chemotactic Protein (MCP-1) Inhibits Inflammation in Experimental Animals. Doklady Biological Sciences, 2005, 404, 402-405.	0.6	6
21	Preparation of affinity sorbents with immobilized synthetic ligands for therapeutic apheresis. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2010, 4, 303-307.	0.4	6
22	Effect of the C-terminal domain peptide fragment (65â€“76) of monocytic chemotactic protein-1 (MCP-1) on the interaction between MCP-1 and heparin. Doklady Biological Sciences, 2010, 433, 289-292.	0.6	6
23	Ingramon, a Peptide Inhibitor of MCP-1 Chemokine, Reduces Migration of Blood Monocytes Stimulated by Glioma-Conditioned Medium. Bulletin of Experimental Biology and Medicine, 2016, 160, 480-482.	0.8	6
24	[MeArg1, NLe10]-apelin-12: Optimization of solid-phase synthesis and evaluation of biological properties in vitro and in vivo. Peptides, 2020, 129, 170320.	2.4	6
25	Hydrogen peroxide for disulfide bridge formation in methionine-containing peptides. , 2000, 6, 208-216.		5
26	Design of peptidase-resistant peptide inhibitors of myosin light chain kinase. Journal of Peptide Science, 2016, 22, 673-681.	1.4	5
27	Convergent Synthesis of the Rat Galanin and Study of Its Biological Activity. Russian Journal of Bioorganic Chemistry, 2020, 46, 32-42.	1.0	5
28	Effects of synthetic monocyte chemotactic protein-1 fragment 65â€“76 on neointima formation after carotid artery balloon injury in rats. Neuroscience and Behavioral Physiology, 2009, 39, 153-159.	0.4	4
29	Effects of Deltorphin II and Its Retroenantio Analog on Cardiac Tolerance to Ischemia and Reperfusion. Bulletin of Experimental Biology and Medicine, 2017, 162, 306-309.	0.8	4
30	Synthesis and Antitumor Activity of Conjugates Based on the Phe-D-Trp-Lys-Thr Peptide Fragment of Somatostatin. Russian Journal of Bioorganic Chemistry, 2019, 45, 248-252.	1.0	4
31	Galanin Peptides Alleviate Myocardial Ischemia/Reperfusion Injury by Reducing Reactive Oxygen Species Formation. International Journal of Peptide Research and Therapeutics, 2021, 27, 2039-2048.	1.9	4
32	Optimal Method for Disulfide Bond Closure in the Synthesis of Atosibanâ€”Antagonist of Oxytocin Receptors. Russian Journal of Bioorganic Chemistry, 2021, 47, 1241-1248.	1.0	4
33	Novel Phosphospecific Antibodies for Monitoring Phosphorylation of Proteins Encoded by the Myosin Light Chain Kinase Genetic Locus. Biochemistry (Moscow), 2004, 69, 789-798.	1.5	3
34	Inhibition of migration of monocytes and granulocytes in vivo by the peptide corresponding to sequence 65â€“76 of monocyte chemotactic protein-1 (MCP-1). Doklady Biochemistry and Biophysics, 2006, 411, 339-341.	0.9	3
35	Majorana neutrinos in rare meson decays. Physics of Atomic Nuclei, 2006, 69, 475-484.	0.4	3
36	Peptide fragment 29â€“40 of amino acid sequence of monocyte chemoattractant protein-1 (MCP-1) stimulates monocyte migration in vivo and facilitates wound healing. Doklady Biological Sciences, 2012, 446, 327-330.	0.6	3

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37	Peptide Inhibitors of the Interaction of the SARS-CoV-2 Receptor-Binding Domain with the ACE2 Cell Receptor. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2021, 15, 274-280.	0.4	3
38	Fragments of the Galanin Peptide and Their Synthetic Analogues with the Cardioprotective Effect. <i>Russian Journal of Bioorganic Chemistry</i> , 2019, 45, 353-360.	1.0	2
39	Chimeric Agonist of Galanin Receptor GALR2 Reduces Heart Damage in Rats with Streptozotocin-Induced Diabetes. <i>Biochemistry (Moscow)</i> , 2022, 87, 346-355.	1.5	2
40	Effect of synthetic fragments of HIV protein immunodominant sites on human neutrophil oxygen metabolism. <i>Bulletin of Experimental Biology and Medicine</i> , 1993, 115, 188-190.	0.8	1
41	Solid-phase synthesis and purification of $\beta$ -amyloid (1-42). <i>Mendeleev Communications</i> , 1996, 6, 232-235.	1.6	1
42	Peptide fragment 66-77 of monocyte chemoattractant protein 1 and its retro-enantio analogue inhibit the migration of cells in vitro and in vivo. <i>Russian Journal of Bioorganic Chemistry</i> , 2006, 32, 146-153.	1.0	1
43	Suppression of vascular endothelium hyperpermeability by cell-permeating peptide inhibitors of myosin light chain kinase. <i>Biophysics (Russian Federation)</i> , 2012, 57, 587-591.	0.7	1
44	Peptide-agonist of protease-activated receptor (PAR1) stimulates keratinocyte proliferation and epithelial layer wound healing similarly to activated protein C. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2015, 9, 199-204.	0.4	1
45	Solid-phase fragment condensation for synthesis of peptides from the immunodominant sequence of $\beta$ -1-adrenoreceptor. <i>Russian Journal of Bioorganic Chemistry</i> , 2017, 43, 351-358.	1.0	1
46	Cysteine-Containing Peptides Stimulate Monocyte Migration through NADPH-Oxidase Activation. <i>Bulletin of Experimental Biology and Medicine</i> , 2017, 163, 203-205.	0.8	1
47	Optimization of the Synthesis of an Apelin-12 Structural Analog and the NMR Study of Its Stability in Human Plasma. <i>Russian Journal of Bioorganic Chemistry</i> , 2019, 45, 18-26.	1.0	1
48	New PAR1 Agonist Peptide Demonstrates Protective Action in a Mouse Model of Photothrombosis-Induced Brain Ischemia. <i>Frontiers in Neuroscience</i> , 2020, 14, 335.	2.8	1
49	The Crystal Structure Elucidation of a Tetrapeptide Analog of Somatostatin DOTA-Phe-D-Trp-Lys-Thr-OMe. <i>Crystals</i> , 2022, 12, 12.	2.2	1
50	Exogenous Galanin Reduces Hyperglycemia and Myocardial Metabolic Disorders Induced by Streptozotocin in Rats. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, .	1.9	1
51	Effect of synthetic peptide fragments of $\beta$ -2-glycoprotein-I on the binding of antiphospholipid antibodies to cardiolipin-glycoprotein-I on the binding of antiphospholipid antibodies to cardiolipin. <i>Bulletin of Experimental Biology and Medicine</i> , 1999, 127, 44-46.	0.8	0
52	The synthesis of immunomodulating peptide alloferon, the active principle of antiviral drug allokine-alpha. <i>Russian Journal of Bioorganic Chemistry</i> , 2006, 32, 136-145.	1.0	0
53	Rare meson decay in supersymmetric theory with nonconservation of R-parity. <i>Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta, Fizika)</i> , 2007, 62, 6-11.	0.4	0
54	BILINEAR R-PARITY VIOLATION IN RARE MESON DECAYS. , 2009, , .		0

