

Ksenia S Kudryashova

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

497
citations

758635

12
h-index

752256

20
g-index

23
all docs

23
docs citations

23
times ranked

596
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale ATP-independent nucleosome unfolding by a histone chaperone. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 1111-1116.	3.6	85
2	Targeting immune dysfunction in aging. <i>Ageing Research Reviews</i> , 2021, 70, 101410.	5.0	76
3	Variability of Potassium Channel Blockers in <i>Mesobuthus eupeus</i> Scorpion Venom with Focus on Kv1.1. <i>Journal of Biological Chemistry</i> , 2015, 290, 12195-12209.	1.6	44
4	The effects of confluency on cell mechanical properties. <i>Journal of Biomechanics</i> , 2013, 46, 1081-1087.	0.9	41
5	Aging Biomarkers: From Functional Tests to Multi-omics Approaches. <i>Proteomics</i> , 2020, 20, e1900408.	1.3	40
6	Fluorescent system based on bacterial expression of hybrid KcsA channels designed for Kv1.3 ligand screening and study. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2379-2389.	1.9	34
7	3D-Scaffolds from Poly(3-hydroxybutyrate)Poly(ethylene glycol) Copolymer for Tissue Engineering. <i>Journal of Biomaterials and Tissue Engineering</i> , 2016, 6, 42-52.	0.0	29
8	Fluorescent protein-scorpion toxin chimera is a convenient molecular tool for studies of potassium channels. <i>Scientific Reports</i> , 2016, 6, 33314.	1.6	28
9	Vietnamese <i>Heterometrus laoticus</i> scorpion venom: Evidence for analgesic and anti-inflammatory activity and isolation of new polypeptide toxin acting on Kv1.3 potassium channel. <i>Toxicon</i> , 2014, 77, 40-48.	0.8	27
10	Peptides from puff adder <i>Bitis arietans</i> venom, novel inhibitors of nicotinic acetylcholine receptors. <i>Toxicon</i> , 2016, 121, 70-76.	0.8	15
11	Straightforward approach to produce recombinant scorpion toxins – Pore blockers of potassium channels. <i>Journal of Biotechnology</i> , 2017, 241, 127-135.	1.9	13
12	Development of fluorescently labeled mononucleosomes for the investigation of transcription mechanisms by single complex microscopy. <i>Moscow University Biological Sciences Bulletin</i> , 2015, 70, 189-193.	0.1	12
13	Complexes of Peptide Blockers with Kv1.6 Pore Domain: Molecular Modeling and Studies with KcsA-Kv1.6 Channel. <i>Journal of NeuroImmune Pharmacology</i> , 2017, 12, 260-276.	2.1	12
14	N-Terminal Tagging with GFP Enhances Selectivity of Agitoxin 2 to Kv1.3-Channel Binding Site. <i>Toxins</i> , 2020, 12, 802.	1.5	10
15	Hetlaxin, a new toxin from the <i>Heterometrus laoticus</i> scorpion venom, interacts with voltage-gated potassium channel Kv1.3. <i>Doklady Biochemistry and Biophysics</i> , 2013, 449, 109-111.	0.3	9
16	Change in linker DNA conformation upon histone H1.5 binding to nucleosome: Fluorescent microscopy of single complexes. <i>Moscow University Biological Sciences Bulletin</i> , 2016, 71, 108-113.	0.1	8
17	Chimeras of KcsA and Kv1 as a bioengineering tool to study voltage-gated potassium channels and their ligands. <i>Biochemical Pharmacology</i> , 2021, 190, 114646.	2.0	6
18	Analysis of Nucleosome Transcription Using Single-Particle FRET. <i>Springer Proceedings in Physics</i> , 2015, , 255-260.	0.1	4

#	ARTICLE	IF	CITATIONS
19	Experimental setup for the study of immobilized single nucleosomes using total internal reflection fluorescence. Moscow University Biological Sciences Bulletin, 2016, 71, 97-101.	0.1	2
20	Bioengineered System for High Throughput Screening of Kv1 Ion Channel Blockers. Bioengineering, 2021, 8, 187.	1.6	2
21	Quantitative Confocal Microscopy Analysis as a Basis for Search and Study of Potassium Kv1.x Channel Blockers. Springer Proceedings in Physics, 2015, , 249-254.	0.1	0
22	Single-Particle FRET Microscopy of Immobilized Nucleosomes: Technique Development. Springer Proceedings in Physics, 2017, , 17-23.	0.1	0