

Andrey Ivankin

List of Publications by Year in descending order

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17
papers

1,028
citations

687363

13
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

1648
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptoids that mimic the structure, function, and mechanism of helical antimicrobial peptides. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2794-2799.	7.1	558
2	Label-Free Optical Detection of Biomolecular Translocation through Nanopore Arrays. ACS Nano, 2014, 8, 10774-10781.	14.6	79
3	Cholesterol-Phospholipid Interactions: New Insights from Surface X-Ray Scattering Data. Physical Review Letters, 2010, 104, 108101.	7.8	75
4	Role of the Conformational Rigidity in the Design of Biomimetic Antimicrobial Compounds. Angewandte Chemie - International Edition, 2010, 49, 8462-8465.	13.8	48
5	A miniature mimic of host defense peptides with systemic antibacterial efficacy. FASEB Journal, 2010, 24, 1904-1913.	0.5	42
6	Fast, Label-Free Force Spectroscopy of Histone-DNA Interactions in Individual Nucleosomes Using Nanopores. Journal of the American Chemical Society, 2013, 135, 15350-15352.	13.7	42
7	Cyclization Improves Membrane Permeation by Antimicrobial Peptoids. Langmuir, 2016, 32, 12905-12913.	3.5	33
8	Nanopores Suggest a Negligible Influence of CpG Methylation on Nucleosome Packaging and Stability. Nano Letters, 2015, 15, 783-790.	9.1	32
9	Cholesterol Mediates Membrane Curvature during Fusion Events. Physical Review Letters, 2012, 108, 238103.	7.8	29
10	A comparative study on the interactions of SMAP-29 with lipid monolayers. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 851-860.	2.6	28
11	Mechanism of membrane perturbation by the HIV-1 gp41 membrane-proximal external region and its modulation by cholesterol. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2521-2528.	2.6	21
12	Antibacterial Properties and Mode of Action of a Short Acyl-Lysyl Oligomer. Antimicrobial Agents and Chemotherapy, 2009, 53, 3422-3429.	3.2	20
13	Membrane-Proximal External HIV-1 gp41 Motif Adapted for Destabilizing the Highly Rigid Viral Envelope. Biophysical Journal, 2011, 101, 2426-2435.	0.5	17
14	Research Highlights: Localized profiling of multiple neurotransmitter concentrations. Nanomedicine, 2012, 7, 1479-1481.	3.3	1
15	Detection of guanine lesions in individual DNA molecules. Nanomedicine, 2012, 7, 1480.	3.3	0
16	Targeted drug delivery using physical triggers. Nanomedicine, 2012, 7, 1480.	3.3	0
17	Enabling ultrasensitive detection of small-molecule analytes. Nanomedicine, 2012, 7, 1481.	3.3	0