

Remigiusz Worch

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

221
citations

1040056

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996975

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g-index

19
all docs

19
docs citations

19
times ranked

352
citing authors

#	ARTICLE	IF	CITATIONS
1	Focus on composition and interaction potential of single-pass transmembrane domains. <i>Proteomics</i> , 2010, 10, 4196-4208.	2.2	44
2	Dynamics and Interaction of Interleukin-4 Receptor Subunits in Living Cells. <i>Biophysical Journal</i> , 2014, 107, 2515-2527.	0.5	40
3	Three conserved C-terminal residues of influenza fusion peptide alter its behavior at the membrane interface. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 97-105.	2.4	16
4	Structural biology of the influenza virus fusion peptide.. <i>Acta Biochimica Polonica</i> , 2014, 61, .	0.5	15
5	Competition between Photoinduced Electron Transfer and Resonance Energy Transfer in an Example of Substituted Cytochrome c-Quantum Dot Systems. <i>Journal of Physical Chemistry B</i> , 2021, 125, 3307-3320.	2.6	14
6	Diffusion of Single-Pass Transmembrane Receptors: From the Plasma Membrane into Giant Liposomes. <i>Journal of Membrane Biology</i> , 2017, 250, 393-406.	2.1	13
7	Effect of HIV-1 TAT Peptide Fusion on 5' mRNA Cap Analogs Cell Membrane Permeability and Translation Inhibition. <i>Bioconjugate Chemistry</i> , 2020, 31, 1156-1166.	3.6	11
8	The helical hairpin structure of the influenza fusion peptide can be seen on a hydrophobic moment map. <i>FEBS Letters</i> , 2013, 587, 2980-2983.	2.8	10
9	Comparison of α -Helix and β -Sheet Structure Adaptation to a Quantum Dot Geometry: Toward the Identification of an Optimal Motif for a Protein Nanoparticle Cover. <i>ACS Omega</i> , 2019, 4, 13086-13099.	3.5	10
10	Structural biology of the influenza virus fusion peptide. <i>Acta Biochimica Polonica</i> , 2014, 61, 421-6.	0.5	10
11	Charged N-terminus of Influenza Fusion Peptide Facilitates Membrane Fusion. <i>International Journal of Molecular Sciences</i> , 2018, 19, 578.	4.1	8
12	Influenza A H1 and H3 Transmembrane Domains Interact Differently with Each Other and with Surrounding Membrane Lipids. <i>Viruses</i> , 2020, 12, 1461.	3.3	8
13	New Insight into Metal Ion-Driven Catalysis of Nucleic Acids by Influenza PA-Nter. <i>PLoS ONE</i> , 2016, 11, e0156972.	2.5	5
14	Transient Excursions to Membrane Core as Determinants of Influenza Virus Fusion Peptide Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5301.	4.1	5
15	Molecular recognition of mRNA 5' cap by poly(A)-specific ribonuclease (PARN) differs from interactions known for other cap-binding proteins. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 331-345.	2.3	4
16	Cholesterol and phosphatidylserine are engaged in adenoviral dodecahedron endocytosis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2215-2223.	2.6	4
17	Translocation of 5' mRNA cap analogue peptide conjugates across the membranes of giant unilamellar vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 311-317.	2.6	3
18	Unique properties of Coronaviridae single-pass transmembrane domain regions as an adaptation to diverse membrane systems. <i>Virology</i> , 2022, 570, 1-8.	2.4	1