

Remigiusz Worch

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

221
citations

1039406

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h-index

996533

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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. | 1.3 | 44 |
| 2 | Dynamics and Interaction of Interleukin-4 Receptor Subunits in Living Cells. <i>Biophysical Journal</i> , 2014, 107, 2515-2527. | 0.2 | 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. | 1.1 | 16 |
| 4 | Structural biology of the influenza virus fusion peptide.. <i>Acta Biochimica Polonica</i> , 2014, 61, . | 0.3 | 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. | 1.2 | 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. | 1.0 | 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. | 1.8 | 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. | 1.3 | 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. | 1.6 | 10 |
| 10 | Structural biology of the influenza virus fusion peptide. <i>Acta Biochimica Polonica</i> , 2014, 61, 421-6. | 0.3 | 10 |
| 11 | Charged N-terminus of Influenza Fusion Peptide Facilitates Membrane Fusion. <i>International Journal of Molecular Sciences</i> , 2018, 19, 578. | 1.8 | 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. | 1.5 | 8 |
| 13 | New Insight into Metal Ion-Driven Catalysis of Nucleic Acids by Influenza PA-Nter. <i>PLoS ONE</i> , 2016, 11, e0156972. | 1.1 | 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. | 1.8 | 5 |
| 15 | Molecular recognition of mRNA 5' cap by 3' 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. | 1.1 | 4 |
| 16 | Cholesterol and phosphatidylserine are engaged in adenoviral dodecahedron endocytosis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2215-2223. | 1.4 | 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. | 1.4 | 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. | 1.1 | 1 |