

Byungsu Kwon

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

315
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholesterol-binding site of the influenza M2 protein in lipid bilayers from solid-state NMR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12946-12951.	7.1	85
2	Oligomeric Structure and Three-Dimensional Fold of the HIV gp41 Membrane-Proximal External Region and Transmembrane Domain in Phospholipid Bilayers. <i>Journal of the American Chemical Society</i> , 2018, 140, 8246-8259.	13.7	43
3	Chemical ligation of the influenza M2 protein for solid-state NMR characterization of the cytoplasmic domain. <i>Protein Science</i> , 2015, 24, 1087-1099.	7.6	36
4	A 2H Solid-State NMR Study of Lipid Clustering by Cationic Antimicrobial and Cell-Penetrating Peptides in Model Bacterial Membranes. <i>Biophysical Journal</i> , 2013, 105, 2333-2342.	0.5	31
5	Structural Basis for Asymmetric Conductance of the Influenza M2 Proton Channel Investigated by Solid-State NMR Spectroscopy. <i>Journal of Molecular Biology</i> , 2017, 429, 2192-2210.	4.2	29
6	Cholesterol Interaction with the Trimeric HIV Fusion Protein gp41 in Lipid Bilayers Investigated by Solid-State NMR Spectroscopy and Molecular Dynamics Simulations. <i>Journal of Molecular Biology</i> , 2020, 432, 4705-4721.	4.2	21
7	Two-dimensional ^{19}F - ^{13}C correlation NMR for ^{19}F resonance assignment of fluorinated proteins. <i>Journal of Biomolecular NMR</i> , 2020, 74, 193-204.	2.8	21
8	Conformation and Trimer Association of the Transmembrane Domain of the Parainfluenza Virus Fusion Protein in Lipid Bilayers from Solid-State NMR: Insights into the Sequence Determinants of Trimer Structure and Fusion Activity. <i>Journal of Molecular Biology</i> , 2018, 430, 695-709.	4.2	16
9	Elucidating Relayed Proton Transfer through a His-Trp-His Triad of a Transmembrane Proton Channel by Solid-State NMR. <i>Journal of Molecular Biology</i> , 2019, 431, 2554-2566.	4.2	16
10	The Influenza M2 Ectodomain Regulates the Conformational Equilibria of the Transmembrane Proton Channel: Insights from Solid-State Nuclear Magnetic Resonance. <i>Biochemistry</i> , 2016, 55, 5387-5397.	2.5	10
11	Interactions of HIV gp41's membrane-proximal external region and transmembrane domain with phospholipid membranes from ^{31}P NMR. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183723.	2.6	7