Jesper J Madsen

List of Publications by Year
in descending order

27	518	623574 14	713332 21
papers	citations	h-index	g-index

28	28	28	714
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A systematic approach for evaluating the role of surface-exposed loops in trypsin-like serine proteases applied to the 170 loop in coagulation factor VIIa. Scientific Reports, 2022, 12, 3747.	1.6	2
2	An in-membrane NMR spectroscopic approach probing native ligand-GPCR interaction. International Journal of Biological Macromolecules, 2022, 206, 911-916.	3.6	6
3	The Potential of 19F NMR Application in GPCR Biased Drug Discovery. Trends in Pharmacological Sciences, 2021, 42, 19-30.	4.0	16
4	Conformational Plasticity-Rigidity Axis of the Coagulation Factor VII Zymogen Elucidated by Atomistic Simulations of the N-Terminally Truncated Factor VIIa Protease Domain. Biomolecules, 2021, 11, 549.	1.8	7
5	Uncovering Membrane-Bound Models of Coagulation Factors by Combined Experimental and Computational Approaches. Thrombosis and Haemostasis, 2021, 121, 1122-1137.	1.8	5
6	Inverse Conformational Selection in Lipidâ€“Protein Binding. Journal of the American Chemical Society, 2021, 143, 13701-13709.	6.6	16
7	Trifluorinated Ketoâ€“Enol Tautomeric Switch in Probing Domain Rotation of a G Protein-Coupled Receptor. Bioconjugate Chemistry, 2021, 32, 99-105.	1.8	7
8	Cholesterol Alters the Orientation and Activity of the Influenza Virus M2 Amphipathic Helix in the Membrane. Journal of Physical Chemistry B, 2020, 124, 6738-6747.	1.2	22
9	Water-Intake and Water-Molecule Paths to the Active Site of Secretory Phospholipase A₂ Studied Using MD Simulations and the Tracking Tool AQUA-DUCT. Journal of Physical Chemistry B, 2020, 124, 1881-1891.	1.2	2
10	Headgroup Structure and Cation Binding in Phosphatidylserine Lipid Bilayers. Journal of Physical Chemistry B, 2019, 123, 9066-9079.	1.2	43
11	Systematic Coarse-Grained Lipid Force Fields with Semiexplicit Solvation via Virtual Sites. Journal of Chemical Theory and Computation, 2019, 15, 2087-2100.	2.3	26
12	Allostery in Coagulation Factor VIIa Revealed by Ensemble Refinement of Crystallographic Structures. Biophysical Journal, 2019, 116, 1823-1835.	0.2	7
13	Evolutionary conservation of the allosteric activation of factor VIIa by tissue factor in lamprey: comment. Journal of Thrombosis and Haemostasis, 2018, 16, 1450-1454.	1.9	3
14	Entropic forces drive clustering and spatial localization of influenza A M2 during viral budding. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8595-E8603.	3.3	47
15	Highly Coarse-Grained Representations of Transmembrane Proteins. Journal of Chemical Theory and Computation, 2017, 13, 935-944.	2.3	17
16	Small-Angle X-ray Scattering Data in Combination with RosettaDock Improves the Docking Energy Landscape. Journal of Chemical Information and Modeling, 2017, 57, 2463-2475.	2.5	17
17	Theoretical Assessment of Fluorinated Phospholipids in the Design of Liposomal Drug-Delivery Systems. Journal of Physical Chemistry B, 2016, 120, 9661-9671.	1.2	4
18	Acid activation mechanism of the influenza A M2 proton channel. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6955-E6964.	3.3	81

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19	Molecular Basis of Enhanced Activity in Factor VIIa-Trypsin Variants Conveys Insights into Tissue Factor-mediated Allosteric Regulation of Factor VIIa Activity. Journal of Biological Chemistry, 2016, 291, 4671-4683.	1.6	16
20	Factor VIII Interacts with the Endocytic Receptor Low-density Lipoprotein Receptor-related Protein 1 via an Extended Surface Comprising â€œHot-Spotâ€•Lysine Residues. Journal of Biological Chemistry, 2015, 290, 16463-16476.	1.6	27
21	Tissue factor activates allosteric networks in factorÂVIIa through structural and dynamic changes. Journal of Thrombosis and Haemostasis, 2015, 13, 262-267.	1.9	19
22	Membrane Interaction of the Factor VIIIa Discoidin Domains in Atomistic Detail. Biochemistry, 2015, 54, 6123-6131.	1.2	20
23	The length of the linker between the epidermal growth factorâ€like domains in factor VIIa is critical for a productive interaction with tissue factor. Protein Science, 2014, 23, 1717-1727.	3.1	6
24	Interaction of neurotransmitters with a phospholipid bilayer: A molecular dynamics study. Chemistry and Physics of Lipids, 2014, 184, 7-17.	1.5	28
25	Binding of Neurotransmitters to Lipid Membranes. Biophysical Journal, 2014, 106, 452a.	0.2	0
26	Binding of Serotonin to Lipid Membranes. Journal of the American Chemical Society, 2013, 135, 2164-2171.	6.6	65
27	Secretory Phospholipase A₂ Activity toward Diverse Substrates. Journal of Physical Chemistry B, 2011, 115, 6853-6861.	1.2	9