# 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 | 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 |
| 2 | Binding of Serotonin to Lipid Membranes. Journal of the American Chemical Society, 2013, 135, 2164-2171. | 6.6 | 65 |
| 3 | 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 |
| 4 | Headgroup Structure and Cation Binding in Phosphatidylserine Lipid Bilayers. Journal of Physical Chemistry B, 2019, 123, 9066-9079. | 1.2 | 43 |
| 5 | Interaction of neurotransmitters with a phospholipid bilayer: A molecular dynamics study. Chemistry and Physics of Lipids, 2014, 184, 7-17. | 1.5 | 28 |
| 6 | 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 |
| 7 | 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 |
| 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 | Membrane Interaction of the Factor VIIIa Discoidin Domains in Atomistic Detail. Biochemistry, 2015, 54, 6123-6131. | 1.2 | 20 |
| 10 | Tissue factor activates allosteric networks in factorÂVIIa through structural and dynamic changes. Journal of Thrombosis and Haemostasis, 2015, 13, 262-267. | 1.9 | 19 |
| 11 | Highly Coarse-Grained Representations of Transmembrane Proteins. Journal of Chemical Theory and Computation, 2017, 13, 935-944. | 2.3 | 17 |
| 12 | 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 |
| 13 | 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 |
| 14 | The Potential of 19F NMR Application in GPCR Biased Drug Discovery. Trends in Pharmacological Sciences, 2021, 42, 19-30. | 4.0 | 16 |
| 15 | Inverse Conformational Selection in Lipidâ€“Protein Binding. Journal of the American Chemical Society, 2021, 143, 13701-13709. | 6.6 | 16 |
| 16 | Secretory Phospholipase A<sub>2</sub> Activity toward Diverse Substrates. Journal of Physical Chemistry B, 2011, 115, 6853-6861. | 1.2 | 9 |
| 17 | Allostery in Coagulation Factor VIIa Revealed by Ensemble Refinement of Crystallographic Structures. Biophysical Journal, 2019, 116, 1823-1835. | 0.2 | 7 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Trifluorinated Ketoâ€“Enol Tautomeric Switch in Probing Domain Rotation of a G Protein-Coupled Receptor. Bioconjugate Chemistry, 2021, 32, 99-105. | 1.8 | 7 |
| 20 | 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 |
| 21 | An in-membrane NMR spectroscopic approach probing native ligand-GPCR interaction. International Journal of Biological Macromolecules, 2022, 206, 911-916. | 3.6 | 6 |
| 22 | Uncovering Membrane-Bound Models of Coagulation Factors by Combined Experimental and Computational Approaches. Thrombosis and Haemostasis, 2021, 121, 1122-1137. | 1.8 | 5 |
| 23 | 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 |
| 24 | 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 |
| 25 | Water-Intake and Water-Molecule Paths to the Active Site of Secretory Phospholipase A<sub>2</sub> Studied Using MD Simulations and the Tracking Tool AQUA-DUCT. Journal of Physical Chemistry B, 2020, 124, 1881-1891. | 1.2 | 2 |
| 26 | 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 |
| 27 | Binding of Neurotransmitters to Lipid Membranes. Biophysical Journal, 2014, 106, 452a. | 0.2 | 0 |