Martin Gustavsson

List of Publications by Year
in descending order

35	943	567281 15	642732 23
papers	citations	h-index	g-index

37	37	37	1362
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of a conserved chemokine receptor motif that enables ligand discrimination. Science Signaling, 2022, 15, eabg7042.	3.6	2
2	A Scintillation Proximity Assay for Real-Time Kinetic Analysis of Chemokineâ€“Chemokine Receptor Interactions. Cells, 2022, 11, 1317.	4.1	1
3	Structures of atypical chemokine receptor 3 reveal the basis for its promiscuity and signaling bias. Science Advances, 2022, 8, .	10.3	31
4	Cryoâ€EM Structure of Atypical Chemokine Receptor 3 (ACKR3) in Complex with its Endogenous Ligand CXCL12. FASEB Journal, 2021, 35, .	0.5	0
5	Differential activity and selectivity of N-terminal modified CXCL12 chemokines at the CXCR4 and ACKR3 receptors. Journal of Leukocyte Biology, 2020, 107, 1123-1135.	3.3	9
6	New insights into the structure and function of chemokine receptor:chemokine complexes from an experimental perspective. Journal of Leukocyte Biology, 2020, 107, 1115-1122.	3.3	12
7	Crosslinking-guided geometry of a complete CXC receptor-chemokine complex and the basis of chemokine subfamily selectivity. PLoS Biology, 2020, 18, e3000656.	5.6	24
8	Title is missing!. , 2020, 18, e3000656.		0
9	Title is missing!. , 2020, 18, e3000656.		0
10	Title is missing!. , 2020, 18, e3000656.		0
11	Title is missing!. , 2020, 18, e3000656.		0
12	Title is missing!. , 2020, 18, e3000656.		0
13	Title is missing!. , 2020, 18, e3000656.		0
14	Kinetics of CXCL12 binding to atypical chemokine receptor 3 reveal a role for the receptor N terminus in chemokine binding. Science Signaling, 2019, 12, .	3.6	33
15	Solution NMR spectroscopy of GPCRs: Residue-specific labeling strategies with a focus on 13C-methyl methionine labeling of the atypical chemokine receptor ACKR3. Methods in Cell Biology, 2019, 149, 259-288.	1.1	9
16	Structural basis of ligand interaction with atypical chemokine receptor 3. Nature Communications, 2017, 8, 14135.	12.8	83
17	What Do Structures Tell Us About Chemokine Receptor Function and Antagonism?. Annual Review of Biophysics, 2017, 46, 175-198.	10.0	81
18	Production of Chemokine/Chemokine Receptor Complexes for Structural Biophysical Studies. Methods in Enzymology, 2016, 570, 233-260.	1.0	17

#	Article	IF	Citations
19	Structure of CC chemokine receptor 2 with orthosteric and allosteric antagonists. Nature, 2016, 540, 458-461.	27.8	220
20	Disulfide Trapping for Modeling and Structure Determination of Receptor. Methods in Enzymology, 2016, 570, 389-420.	1.0	15
21	Ca²⁺ ATPase Conformational Transitions in Lipid Bilayers Mapped by Site-directed Ethylation and Solid-State NMR. ACS Chemical Biology, 2016, 11, 329-334.	3.4	6
22	Solid-State NMR Structures of Phospholamban or Sarcolipin Bound to Calcium ATPase (SERCA) Reveal the Mode of Inhibition. Biophysical Journal, 2014, 106, 585a.	0.5	0
23	Molecular Details of SERCA Regulation by Phospholamban Revealed by Paramagnetic Relaxation Enhancements and Solid-State NMR. Biophysical Journal, 2013, 104, 539a.	0.5	0
24	Allosteric regulation of SERCA by phosphorylation-mediated conformational shift of phospholamban. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17338-17343.	7.1	112
25	Structures of the Excited States of Phospholamban and Shifts in Their Populations upon Phosphorylation. Biochemistry, 2013, 52, 6684-6694.	2.5	24
26	Tuning the structural coupling between the transmembrane and cytoplasmic domains of phospholamban to control sarcoplasmic reticulum Ca2+-ATPase (SERCA) function. Journal of Muscle Research and Cell Motility, 2012, 33, 485-492.	2.0	16
27	Structure of the Phospholamban/Ca2+-ATPase Complex in Lipid Bilayers by Hybrid Solid-State NMR Methods. Biophysical Journal, 2012, 102, 423a.	0.5	1
28	Probing ground and excited states of phospholamban in model and native lipid membranes by magic angle spinning NMR spectroscopy. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 146-153.	2.6	41
29	Activating and Deactivating Roles of Lipid Bilayers on the Ca²⁺-ATPase/Phospholamban Complex. Biochemistry, 2011, 50, 10367-10374.	2.5	57
30	Paramagnetic-Based NMR Restraints Lift Residual Dipolar Coupling Degeneracy in Multidomain Detergent-Solubilized Membrane Proteins. Journal of the American Chemical Society, 2011, 133, 2232-2241.	13.7	25
31	Lipid-Mediated Folding/Unfolding of Phospholamban as a Regulatory Mechanism for the Sarcoplasmic Reticulum Ca2+-ATPase. Journal of Molecular Biology, 2011, 408, 755-765.	4.2	47
32	cAMP-Dependent Protein Kinase A Selects the Excited State of the Membrane Substrate Phospholamban. Journal of Molecular Biology, 2011, 412, 155-164.	4.2	58
33	Synthesis of a-factor peptide from Saccharomyces cerevisiae and photoactive analogues via Fmoc solid phase methodology. Bioorganic and Medicinal Chemistry, 2011, 19, 490-497.	3.0	17
34	Towards the Development of Rationally Designed Phospholamban Mutants For Treatment of Heart Failure. Biophysical Journal, 2010, 98, 47a.	0.5	0
35	Phospholamban Topology As a Regulator of Sarcoplasmic Reticulum Ca2+ATPase Function. Biophysical Journal, 2010, 98, 47a.	0.5	0