

Owen N Vickery

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/968431/publications.pdf>

Version: 2024-02-01

12
papers

720
citations

840776

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1125743

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17
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17
docs citations

17
times ranked

1101
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct knock-on of desolvated ions governs strict ion selectivity in K ⁺ channels. <i>Nature Chemistry</i> , 2018, 10, 813-820.	13.6	170
2	Structures of the stator complex that drives rotation of the bacterial flagellum. <i>Nature Microbiology</i> , 2020, 5, 1553-1564.	13.3	131
3	Intracellular Transfer of Na ⁺ in an Active-State G-Protein-Coupled Receptor. <i>Structure</i> , 2018, 26, 171-180.e2.	3.3	77
4	Insights into Membrane Protein-Lipid Interactions from Free Energy Calculations. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 5727-5736.	5.3	70
5	CG2AT2: an Enhanced Fragment-Based Approach for Serial Multi-scale Molecular Dynamics Simulations. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 6472-6482.	5.3	64
6	Structural Mechanisms of Voltage Sensing in G-Protein-Coupled Receptors. <i>Structure</i> , 2016, 24, 997-1007.	3.3	48
7	Beyond the Antigen Receptor: Editing the Genome of T-Cells for Cancer Adoptive Cellular Therapies. <i>Frontiers in Immunology</i> , 2013, 4, 221.	4.8	37
8	Membrane potentials regulating GPCRs: insights from experiments and molecular dynamics simulations. <i>Current Opinion in Pharmacology</i> , 2016, 30, 44-50.	3.5	32
9	In Silico and Structural Analyses Demonstrate That Intrinsic Protein Motions Guide T Cell Receptor Complementarity Determining Region Loop Flexibility. <i>Frontiers in Immunology</i> , 2018, 9, 674.	4.8	26
10	Structural basis of lipopolysaccharide maturation by the O-antigen ligase. <i>Nature</i> , 2022, 604, 371-376.	27.8	25
11	Characterizing Membrane Association and Periplasmic Transfer of Bacterial Lipoproteins through Molecular Dynamics Simulations. <i>Structure</i> , 2020, 28, 475-487.e3.	3.3	15
12	Modulation of the <i>Neisseria gonorrhoeae</i> drug efflux conduit MtrE. <i>Scientific Reports</i> , 2017, 7, 17091.	3.3	6