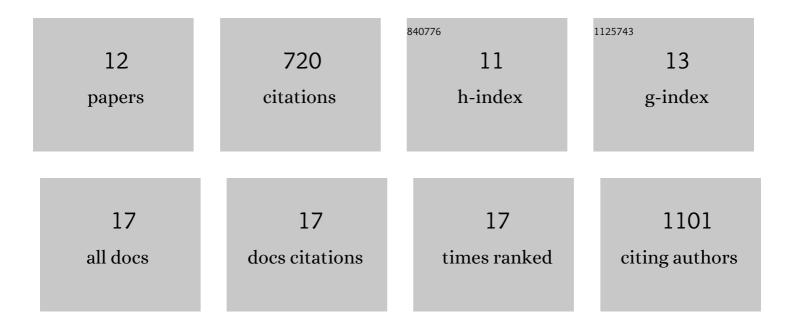
## Owen N Vickery

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/968431/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Direct knock-on of desolvated ions governs strict ion selectivity in K+ channels. Nature Chemistry, 2018, 10, 813-820.	13.6	170
2	Structures of the stator complex that drives rotation of the bacterial flagellum. Nature Microbiology, 2020, 5, 1553-1564.	13.3	131
3	Intracellular Transfer of Na+ in an Active-State G-Protein-Coupled Receptor. Structure, 2018, 26, 171-180.e2.	3.3	77
4	Insights into Membrane Protein–Lipid Interactions from Free Energy Calculations. Journal of Chemical Theory and Computation, 2019, 15, 5727-5736.	5.3	70
5	CC2AT2: an Enhanced Fragment-Based Approach for Serial Multi-scale Molecular Dynamics Simulations. Journal of Chemical Theory and Computation, 2021, 17, 6472-6482.	5.3	64
6	Structural Mechanisms of Voltage Sensing in GÂProtein-Coupled Receptors. Structure, 2016, 24, 997-1007.	3.3	48
7	Beyond the Antigen Receptor: Editing the Genome of T-Cells for Cancer Adoptive Cellular Therapies. Frontiers in Immunology, 2013, 4, 221.	4.8	37
8	Membrane potentials regulating GPCRs: insights from experiments and molecular dynamics simulations. Current Opinion in Pharmacology, 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. Frontiers in Immunology, 2018, 9, 674.	4.8	26
10	Structural basis of lipopolysaccharide maturation by the O-antigen ligase. Nature, 2022, 604, 371-376.	27.8	25
11	Characterizing Membrane Association and Periplasmic Transfer of Bacterial Lipoproteins through Molecular Dynamics Simulations. Structure, 2020, 28, 475-487.e3.	3.3	15
12	Modulation of the Neisseria gonorrhoeae drug efflux conduit MtrE. Scientific Reports, 2017, 7, 17091.	3.3	6