

Ashley C W Pike

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

850
citations

1162367

8
h-index

1588620

8
g-index

9
all docs

9
docs citations

9
times ranked

1181
citing authors

#	ARTICLE	IF	CITATIONS
1	The structural basis of fatty acid elongation by the ELOVL elongases. Nature Structural and Molecular Biology, 2021, 28, 512-520.	3.6	52
2	Lipid Interactions of a Ciliary Membrane TRP Channel: Simulation and Structural Studies of Polycystin-2. Structure, 2020, 28, 169-184.e5.	1.6	37
3	A lower X-gate in TASK channels traps inhibitors within the vestibule. Nature, 2020, 582, 443-447.	13.7	53
4	The structural basis of lipid scrambling and inactivation in the endoplasmic reticulum scramblase TMEM16K. Nature Communications, 2019, 10, 3956.	5.8	101
5	A pharmacological master key mechanism that unlocks the selectivity filter gate in K ⁺ channels. Science, 2019, 363, 875-880.	6.0	91
6	Molecular insights into lipid-assisted Ca ²⁺ regulation of the TRP channel Polycystin-2. Nature Structural and Molecular Biology, 2017, 24, 123-130.	3.6	105
7	Structure of the polycystic kidney disease TRP channel Polycystin-2 (PC2). Nature Structural and Molecular Biology, 2017, 24, 114-122.	3.6	155
8	K2P channel gating mechanisms revealed by structures of TREK-2 and a complex with Prozac. Science, 2015, 347, 1256-1259.	6.0	255