

Weijiao Huang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,054
citations

687363

13
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

3570
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural insights into μ -opioid receptor activation. <i>Nature</i> , 2015, 524, 315-321.	27.8	743
2	Structure of the neurotensin receptor 1 in complex with β 2-arrestin 1. <i>Nature</i> , 2020, 579, 303-308.	27.8	260
3	Propagation of conformational changes during δ -opioid receptor activation. <i>Nature</i> , 2015, 524, 375-378.	27.8	227
4	Conformational transitions of a neurotensin receptor-Gi1 complex. <i>Nature</i> , 2019, 572, 80-85.	27.8	199
5	Crystal structure and biochemical analyses reveal Beclin 1 as a novel membrane binding protein. <i>Cell Research</i> , 2012, 22, 473-489.	12.0	172
6	Structure of the formate transporter FocA reveals a pentameric aquaporin-like channel. <i>Nature</i> , 2009, 462, 467-472.	27.8	148
7	A proposed role for glutamine in cancer cell growth through acid resistance. <i>Cell Research</i> , 2013, 23, 724-727.	12.0	67
8	Structure-based discovery of selective positive allosteric modulators of antagonists for the M ₂ muscarinic acetylcholine receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2419-E2428.	7.1	57
9	Cryo-EM structure and biochemical analysis reveal the basis of the functional difference between human PI3KC3-C1 and -C2. <i>Cell Research</i> , 2017, 27, 989-1001.	12.0	44
10	Mechanistic insights into CED-4-mediated activation of CED-3. <i>Genes and Development</i> , 2013, 27, 2039-2048.	5.9	33
11	Structure-Based Evolution of G Protein-Biased δ -Opioid Receptor Agonists. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	25
12	Structure of S1PR2 heterotrimeric G ₁₃ signaling complex. <i>Science Advances</i> , 2022, 8, eabn0067.	10.3	24
13	1,3,5-Triazine-Cored Maltoside Amphiphiles for Membrane Protein Extraction and Stabilization. <i>Journal of the American Chemical Society</i> , 2019, 141, 19677-19687.	13.7	15
14	Structures of oxysterol sensor EBI2/GPR183, a key regulator of the immune response. <i>Structure</i> , 2022, 30, 1016-1024.e5.	3.3	15
15	Pendant-bearing glucose-neopentyl glycol (P-GNG) amphiphiles for membrane protein manipulation: Importance of detergent pendant chain for protein stabilization. <i>Acta Biomaterialia</i> , 2020, 112, 250-261.	8.3	14
16	Strukturbasierte Entwicklung von G-Protein bevorzugenden δ -Opioidrezeptor Agonisten. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0