Sebastien Granier

List of Publications by Year
in descending order

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20 papers	4,163 citations	687220 13 h-index	752573 20 g-index
25 all docs	25 docs citations	25 times ranked	4273 citing authors

#	Article	IF	Citations
1	Crystal structure of the Âμ-opioid receptor bound to a morphinan antagonist. Nature, 2012, 485, 321-326.	13.7	1,202
2	Structural insights into Âμ-opioid receptor activation. Nature, 2015, 524, 315-321.	13.7	743
3	Structure of the Î´-opioid receptor bound to naltrindole. Nature, 2012, 485, 400-404.	13.7	607
4	Structure of the Âμ-opioid receptorâ€“Gi protein complex. Nature, 2018, 558, 547-552.	13.7	527
5	Propagation of conformational changes during Î¼-opioid receptor activation. Nature, 2015, 524, 375-378.	13.7	227
6	A new era of GPCR structural and chemical biology. Nature Chemical Biology, 2012, 8, 670-673.	3.9	184
7	Structural insights into biased G protein-coupled receptor signaling revealed by fluorescence spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6733-6738.	3.3	173
8	Structural insights into adiponectin receptors suggest ceramidase activity. Nature, 2017, 544, 120-123.	13.7	168
9	Structure and Conformational Changes in the C-terminal Domain of the Î²2-Adrenoceptor. Journal of Biological Chemistry, 2007, 282, 13895-13905.	1.6	141
10	Structure of a human intramembrane ceramidase explains enzymatic dysfunction found in leukodystrophy. Nature Communications, 2018, 9, 5437.	5.8	40
11	Molecular insights into the biased signaling mechanism of the Î¼-opioid receptor. Molecular Cell, 2021, 81, 4165-4175.e6.	4.5	40
12	Cryoâ€“electron microscopy structure of the antidiuretic hormone arginine-vasopressin V2 receptor signaling complex. Science Advances, 2021, 7, .	4.7	25
13	Discovery and Mechanism of Action of Small Molecule Inhibitors of Ceramidases**. Angewandte Chemie - International Edition, 2022, 61, .	7.2	19
14	7TM proteins are not necessarily GPCRs. Molecular and Cellular Endocrinology, 2019, 491, 110397.	1.6	14
15	FRET-Based Measurement of GPCR Conformational Changes. Methods in Molecular Biology, 2009, 552, 253-268.	0.4	14
16	Molecular insights into mechanisms of GPCR hijacking by Staphylococcus aureus. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	12
17	Structural insights into recognition of chemokine receptors by Staphylococcus aureus leukotoxins. ELife, 2022, 11, .	2.8	7
18	1H, 13C and 15N backbone chemical shift assignments of camelid single-domain antibodies against active state Âμ-opioid receptor. Biomolecular NMR Assignments, 2017, 11, 117-121.	0.4	4

#	Article	IF	Citations
19	An automated platform for structural analysis of membrane proteins through serial crystallography. Cell Reports Methods, 2021, 1, 100102.	1.4	4
20	Discovery and mechanism of action of small molecule inhibitors of ceramidases. Angewandte Chemie, 0, , .	1.6	3