

Pan Shi

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

622
citations

840776

11
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1149
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural insight into autoinhibition and histone H3-induced activation of DNMT3A. <i>Nature</i> , 2015, 517, 640-644.	27.8	293
2	Allosteric autoinhibition and activation of the Nedd4 family E3 ligase Itch. <i>EMBO Reports</i> , 2017, 18, 1618-1630.	4.5	54
3	Structural mechanism of cooperative activation of the human calcium-sensing receptor by Ca ²⁺ ions and L-tryptophan. <i>Cell Research</i> , 2021, 31, 383-394.	12.0	47
4	Site-specific ¹⁹ F NMR chemical shift and side chain relaxation analysis of a membrane protein labeled with an unnatural amino acid. <i>Protein Science</i> , 2011, 20, 224-228.	7.6	32
5	Structural insights into human acid-sensing ion channel 1a inhibition by snake toxin mambalgins. <i>ELife</i> , 2020, 9, .	6.0	29
6	In situ ¹⁹ F NMR studies of an <i>E. coli</i> membrane protein. <i>Protein Science</i> , 2012, 21, 596-600.	7.6	27
7	Single-particle cryo-EM structural studies of the β_2 AR-Gs complex bound with a full agonist formoterol. <i>Cell Discovery</i> , 2020, 6, 45.	6.7	25
8	Different conformational responses of the β_2 -adrenergic receptor-Gs complex upon binding of the partial agonist salbutamol or the full agonist isoprenaline. <i>National Science Review</i> , 2021, 8, .	9.5	20
9	Chemical synthesis and biological activity of peptides incorporating an ether bridge as a surrogate for a disulfide bond. <i>Chemical Science</i> , 2020, 11, 7927-7932.	7.4	20
10	Structural basis of the activation of metabotropic glutamate receptor 3. <i>Cell Research</i> , 2022, 32, 695-698.	12.0	16
11	Structural insights into the activation of somatostatin receptor 2 by cyclic SST analogues. <i>Cell Discovery</i> , 2022, 8, .	6.7	16
12	A genetically encoded small-size fluorescent pair reveals allosteric conformational changes of G proteins upon its interaction with GPCRs by fluorescence lifetime based FRET. <i>Chemical Communications</i> , 2020, 56, 6941-6944.	4.1	7
13	Application of Site-Specific ¹⁹ F Paramagnetic Relaxation Enhancement to Distinguish two Different Conformations of a Multidomain Protein. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 34-37.	4.6	6
14	Protein-protein interaction analysis in crude bacterial lysates using combinational method of ¹⁹ F site-specific incorporation and ¹⁹ F NMR. <i>Protein and Cell</i> , 2017, 8, 149-154.	11.0	6
15	Intracellular segment between transmembrane helices S0 and S1 of BK channel β_1 subunit contains two amphipathic helices connected by a flexible loop. <i>Biochemical and Biophysical Research Communications</i> , 2013, 437, 408-412.	2.1	5
16	Site-specific solvent exposure analysis of a membrane protein using unnatural amino acids and ¹⁹ F nuclear magnetic resonance. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 379-383.	2.1	4
17	Allosteric conformational changes of G proteins upon its interaction with membrane and GPCR. <i>Chinese Chemical Letters</i> , 2022, 33, 747-750.	9.0	3
18	Structural insights into thyrotropin-releasing hormone receptor activation by an endogenous peptide agonist or its orally administered analogue. <i>Cell Research</i> , 2022, , .	12.0	3