

Demeng Sun

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

317
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Structural basis of human $\alpha 7$ nicotinic acetylcholine receptor activation. <i>Cell Research</i> , 2021, 31, 713-716.	12.0	45
3	Chemical Synthesis of K34-ubiquitylated H2B for Nucleosome Reconstitution and Single-Particle Cryo-Electron Microscopy Structural Analysis. <i>ChemBioChem</i> , 2017, 18, 176-180.	2.6	38
4	Structural insights into human acid-sensing ion channel 1a inhibition by snake toxin mambalgin1. <i>ELife</i> , 2020, 9, .	6.0	29
5	Crystal structures of the <i>Arabidopsis thaliana</i> abscisic acid receptor PYL10 and its complex with abscisic acid. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 122-127.	2.1	28
6	Cryo-EM structure of the ASIC1a-mambalgin-1 complex reveals that the peptide toxin mambalgin-1 inhibits acid-sensing ion channels through an unusual allosteric effect. <i>Cell Discovery</i> , 2018, 4, 27.	6.7	28
7	Examination of the Deubiquitylation Site Selectivity of USP51 by Using Chemically Synthesized Ubiquitylated Histones. <i>ChemBioChem</i> , 2019, 20, 221-229.	2.6	26
8	Chemical Synthesis of a Full-Length G-Protein-Coupled Receptor $\beta 2$ -Adrenergic Receptor with Defined Modification Patterns at the C-Terminus. <i>Journal of the American Chemical Society</i> , 2021, 143, 17566-17576.	13.7	23
9	Structural insights into the activation of somatostatin receptor 2 by cyclic SST analogues. <i>Cell Discovery</i> , 2022, 8, .	6.7	16
10	Thioester-Assisted Sortase-Mediated Ligation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202201887.	13.8	15
11	The putative propeptide of MycP1 in mycobacterial type VII secretion system does not inhibit protease activity but improves protein stability. <i>Protein and Cell</i> , 2013, 4, 921-931.	11.0	9
12	Cryo-EM structure of the hyperpolarization-activated inwardly-rectifying potassium channel KAT1 from <i>Arabidopsis</i> . <i>Cell Research</i> , 2020, 30, 1049-1052.	12.0	8
13	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
14	Thioester-Assisted Sortase-Mediated Ligation. <i>Angewandte Chemie</i> , 0, , .	2.0	2