

Hee-Jung Choi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

7,426
citations

758635

12
h-index

940134

16
g-index

19
all docs

19
docs citations

19
times ranked

6089
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Resolution Crystal Structure of an Engineered Human β_2 -Adrenergic G Protein-Coupled Receptor. <i>Science</i> , 2007, 318, 1258-1265.	6.0	3,112
2	Crystal structure of the human β_2 adrenergic G-protein-coupled receptor. <i>Nature</i> , 2007, 450, 383-387.	13.7	1,832
3	GPCR Engineering Yields High-Resolution Structural Insights into β_2 -Adrenergic Receptor Function. <i>Science</i> , 2007, 318, 1266-1273.	6.0	1,324
4	Structure and function of an irreversible agonist- β_2 adrenoceptor complex. <i>Nature</i> , 2011, 469, 236-240.	13.7	741
5	Structural Basis of Wnt Signaling Inhibition by Dickkopf Binding to LRP5/6. <i>Developmental Cell</i> , 2011, 21, 862-873.	3.1	153
6	Watching helical membrane proteins fold reveals a common N-to-C-terminal folding pathway. <i>Science</i> , 2019, 366, 1150-1156.	6.0	59
7	Sclerostin inhibits Wnt signaling through tandem interaction with two LRP6 ectodomains. <i>Nature Communications</i> , 2020, 11, 5357.	5.8	44
8	Structural Features of β_2 Adrenergic Receptor: Crystal Structures and Beyond. <i>Molecules and Cells</i> , 2015, 38, 105-111.	1.0	37
9	Biophysical and functional characterization of Norrin signaling through Frizzled4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8787-8792.	3.3	30
10	PHF7 Modulates BRDT Stability and Histone-to-Protamine Exchange during Spermiogenesis. <i>Cell Reports</i> , 2020, 32, 107950.	2.9	23
11	Structural basis of neuropeptide Y signaling through Y1 receptor. <i>Nature Communications</i> , 2022, 13, 853.	5.8	20
12	Conformationally flexible core-bearing detergents with a hydrophobic or hydrophilic pendant: Effect of pendant polarity on detergent conformation and membrane protein stability. <i>Acta Biomaterialia</i> , 2021, 128, 393-407.	4.1	15
13	Evolutionary balance between foldability and functionality of a glucose transporter. <i>Nature Chemical Biology</i> , 2022, 18, 713-723.	3.9	13
14	Dual conformational recognition by Z-DNA binding protein is important for the B \rightarrow Z transition process. <i>Nucleic Acids Research</i> , 2020, 48, 12957-12971.	6.5	12
15	Functional role of the Frizzled linker domain in the Wnt signaling pathway. <i>Communications Biology</i> , 2022, 5, 421.	2.0	8
16	Cell-Based Screen Using Amyloid Mimic β_{23} Expression Identifies Peucedanocoumarin III as a Novel Inhibitor of β -Synuclein and Huntingtin Aggregates. <i>Molecules and Cells</i> , 2019, 42, 480-494.	1.0	3
17	Conformational Dynamics of Sclerostin-LRP6 Complex Analyzed by HDX-MS. <i>Biomolecules and Therapeutics</i> , 2021, 29, 527-535.	1.1	0