Hee-Jung Choi

List of Publications by Year
in descending order

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17	7,426	759233 12	940533 16
papers	citations	h-index	g-index

19	19	19	6089
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural basis of neuropeptide Y signaling through Y1 receptor. Nature Communications, 2022, 13, 853.	12.8	20
2	Functional role of the Frizzled linker domain in the Wnt signaling pathway. Communications Biology, 2022, 5, 421.	4.4	8
3	Evolutionary balance between foldability and functionality of a glucose transporter. Nature Chemical Biology, 2022, 18, 713-723.	8.0	13
4	Conformationally flexible core-bearing detergents with a hydrophobic or hydrophilic pendant: Effect of pendant polarity on detergent conformation and membrane protein stability. Acta Biomaterialia, 2021, 128, 393-407.	8.3	15
5	Conformational Dynamics of Sclerostin-LRP6 Complex Analyzed by HDX-MS. Biomolecules and Therapeutics, 2021, 29, 527-535.	2.4	0
6	PHF7 Modulates BRDT Stability and Histone-to-Protamine Exchange during Spermiogenesis. Cell Reports, 2020, 32, 107950.	6.4	23
7	Sclerostin inhibits Wnt signaling through tandem interaction with two LRP6 ectodomains. Nature Communications, 2020, 11, 5357.	12.8	44
8	Dual conformational recognition by Z-DNA binding protein is important for the Bâ€“Z transition process. Nucleic Acids Research, 2020, 48, 12957-12971.	14.5	12
9	Watching helical membrane proteins fold reveals a common N-to-C-terminal folding pathway. Science, 2019, 366, 1150-1156.	12.6	59
10	Cell-Based Screen Using Amyloid Mimic Î²23 Expression Identifies Peucedanocoumarin III as a Novel Inhibitor of Î±-Synuclein and Huntingtin Aggregates. Molecules and Cells, 2019, 42, 480-494.	2.6	3
11	Biophysical and functional characterization of Norrin signaling through Frizzled4. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8787-8792.	7.1	30
12	Structural Features of Î²2 Adrenergic Receptor: Crystal Structures and Beyond. Molecules and Cells, 2015, 38, 105-111.	2.6	37
13	Structural Basis of Wnt Signaling Inhibition by Dickkopf Binding to LRP5/6. Developmental Cell, 2011, 21, 862-873.	7.0	153
14	Structure and function of an irreversible agonist-Î²2 adrenoceptor complex. Nature, 2011, 469, 236-240.	27.8	741
15	GPCR Engineering Yields High-Resolution Structural Insights into Î² ₂ -Adrenergic Receptor Function. Science, 2007, 318, 1266-1273.	12.6	1,324
16	Crystal structure of the human Î²2 adrenergic G-protein-coupled receptor. Nature, 2007, 450, 383-387.	27.8	1,832
17	High-Resolution Crystal Structure of an Engineered Human Î² ₂ -Adrenergic G Proteinâ€“Coupled Receptor. Science, 2007, 318, 1258-1265.	12.6	3,112