

# Hee-Jung Choi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2953648/publications.pdf>

Version: 2024-02-01

17  
papers

7,426  
citations

759233

12  
h-index

940533

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 $\beta_2$ -Adrenergic G Protein-Coupled Receptor. <i>Science</i> , 2007, 318, 1258-1265.	12.6	3,112
2	Crystal structure of the human $\beta_2$ adrenergic G-protein-coupled receptor. <i>Nature</i> , 2007, 450, 383-387.	27.8	1,832
3	GPCR Engineering Yields High-Resolution Structural Insights into $\beta_2$ -Adrenergic Receptor Function. <i>Science</i> , 2007, 318, 1266-1273.	12.6	1,324
4	Structure and function of an irreversible agonist- $\beta_2$ adrenoceptor complex. <i>Nature</i> , 2011, 469, 236-240.	27.8	741
5	Structural Basis of Wnt Signaling Inhibition by Dickkopf Binding to LRP5/6. <i>Developmental Cell</i> , 2011, 21, 862-873.	7.0	153
6	Watching helical membrane proteins fold reveals a common N-to-C-terminal folding pathway. <i>Science</i> , 2019, 366, 1150-1156.	12.6	59
7	Sclerostin inhibits Wnt signaling through tandem interaction with two LRP6 ectodomains. <i>Nature Communications</i> , 2020, 11, 5357.	12.8	44
8	Structural Features of $\beta_2$ Adrenergic Receptor: Crystal Structures and Beyond. <i>Molecules and Cells</i> , 2015, 38, 105-111.	2.6	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.	7.1	30
10	PHF7 Modulates BRDT Stability and Histone-to-Protamine Exchange during Spermiogenesis. <i>Cell Reports</i> , 2020, 32, 107950.	6.4	23
11	Structural basis of neuropeptide Y signaling through Y1 receptor. <i>Nature Communications</i> , 2022, 13, 853.	12.8	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.	8.3	15
13	Evolutionary balance between foldability and functionality of a glucose transporter. <i>Nature Chemical Biology</i> , 2022, 18, 713-723.	8.0	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.	14.5	12
15	Functional role of the Frizzled linker domain in the Wnt signaling pathway. <i>Communications Biology</i> , 2022, 5, 421.	4.4	8
16	Cell-Based Screen Using Amyloid Mimic $\beta_{23}$ Expression Identifies Peucedanocoumarin III as a Novel Inhibitor of $\beta$ -Synuclein and Huntingtin Aggregates. <i>Molecules and Cells</i> , 2019, 42, 480-494.	2.6	3
17	Conformational Dynamics of Sclerostin-LRP6 Complex Analyzed by HDX-MS. <i>Biomolecules and Therapeutics</i> , 2021, 29, 527-535.	2.4	0