

# 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

758635

12  
h-index

940134

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

6089  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis of neuropeptide Y signaling through Y1 receptor. <i>Nature Communications</i> , 2022, 13, 853.	5.8	20
2	Functional role of the Frizzled linker domain in the Wnt signaling pathway. <i>Communications Biology</i> , 2022, 5, 421.	2.0	8
3	Evolutionary balance between foldability and functionality of a glucose transporter. <i>Nature Chemical Biology</i> , 2022, 18, 713-723.	3.9	13
4	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
5	Conformational Dynamics of Sclerostin-LRP6 Complex Analyzed by HDX-MS. <i>Biomolecules and Therapeutics</i> , 2021, 29, 527-535.	1.1	0
6	PHF7 Modulates BRDT Stability and Histone-to-Protamine Exchange during Spermiogenesis. <i>Cell Reports</i> , 2020, 32, 107950.	2.9	23
7	Sclerostin inhibits Wnt signaling through tandem interaction with two LRP6 ectodomains. <i>Nature Communications</i> , 2020, 11, 5357.	5.8	44
8	Dual conformational recognition by Z-DNA binding protein is important for the B $\alpha$ €Z transition process. <i>Nucleic Acids Research</i> , 2020, 48, 12957-12971.	6.5	12
9	Watching helical membrane proteins fold reveals a common N-to-C-terminal folding pathway. <i>Science</i> , 2019, 366, 1150-1156.	6.0	59
10	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.	1.0	3
11	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
12	Structural Features of $\beta$ 2 Adrenergic Receptor: Crystal Structures and Beyond. <i>Molecules and Cells</i> , 2015, 38, 105-111.	1.0	37
13	Structural Basis of Wnt Signaling Inhibition by Dickkopf Binding to LRP5/6. <i>Developmental Cell</i> , 2011, 21, 862-873.	3.1	153
14	Structure and function of an irreversible agonist- $\beta$ 2 adrenoceptor complex. <i>Nature</i> , 2011, 469, 236-240.	13.7	741
15	GPCR Engineering Yields High-Resolution Structural Insights into $\beta$ -Adrenergic Receptor Function. <i>Science</i> , 2007, 318, 1266-1273.	6.0	1,324
16	Crystal structure of the human $\beta$ 2 adrenergic G-protein-coupled receptor. <i>Nature</i> , 2007, 450, 383-387.	13.7	1,832
17	High-Resolution Crystal Structure of an Engineered Human $\beta$ -Adrenergic G Protein-Coupled Receptor. <i>Science</i> , 2007, 318, 1258-1265.	6.0	3,112