

# Fei Xu

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15  
papers

2,079  
citations

11  
h-index

16  
g-index

16  
ext. papers

2,388  
ext. citations

17.2  
avg. IF

4.22  
L-index

#	Paper	IF	Citations
15	Structural basis for allosteric regulation of GPCRs by sodium ions. <i>Science</i> , <b>2012</b> , 337, 232-6	33.3	714
14	Structure of an agonist-bound human A2A adenosine receptor. <i>Science</i> , <b>2011</b> , 332, 322-7	33.3	706
13	Fusion partner toolchest for the stabilization and crystallization of G protein-coupled receptors. <i>Structure</i> , <b>2012</b> , 20, 967-76	5.2	272
12	Structural Basis for Apelin Control of the Human Apelin Receptor. <i>Structure</i> , <b>2017</b> , 25, 858-866.e4	5.2	74
11	Crystal structure of a multi-domain human smoothed receptor in complex with a super stabilizing ligand. <i>Nature Communications</i> , <b>2017</b> , 8, 15383	17.4	62
10	The importance of ligands for G protein-coupled receptor stability. <i>Trends in Biochemical Sciences</i> , <b>2015</b> , 40, 79-87	10.3	53
9	Crystal structure of the Frizzled 4 receptor in a ligand-free state. <i>Nature</i> , <b>2018</b> , 560, 666-670	50.4	51
8	Development of an Automated High Throughput LCP-FRAP Assay to Guide Membrane Protein Crystallization in Lipid Mesophases. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 1193-1201	3.5	45
7	Structural basis of ligand recognition and self-activation of orphan GPR52. <i>Nature</i> , <b>2020</b> , 579, 152-157	50.4	40
6	Structural and Druggability Landscape of Frizzled G Protein-Coupled Receptors. <i>Trends in Biochemical Sciences</i> , <b>2018</b> , 43, 1033-1046	10.3	21
5	Apj Vessels Drive Tumor Growth and Represent a Tractable Therapeutic Target. <i>Cell Reports</i> , <b>2018</b> , 25, 1241-1254.e5	10.6	20
4	A structurally guided dissection-then-evolution strategy for ligand optimization of smoothed receptor. <i>MedChemComm</i> , <b>2017</b> , 8, 1332-1336	5	7
3	Cryo-EM structure of constitutively active human Frizzled 7 in complex with heterotrimeric G. <i>Cell Research</i> , <b>2021</b> , 31, 1311-1314	24.7	6
2	Trapping small caffeine in a large GPCR pocket. <i>Structure</i> , <b>2011</b> , 19, 1204-7	5.2	5
1	Targeted Proteomics Combined with Affinity Mass Spectrometry Analysis Reveals Antagonist E7 Acts As an Intracellular Covalent Ligand of Orphan Receptor GPR52. <i>ACS Chemical Biology</i> , <b>2020</b> , 15, 3275-3284	4.9	3