

# Xin Gu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10824828/publications.pdf>

Version: 2024-02-01

17  
papers

1,744  
citations

623734

14  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

3327  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure of rhodopsin bound to arrestin by femtosecond X-ray laser. <i>Nature</i> , 2015, 523, 561-567.	27.8	683
2	Cryo-EM structure of human rhodopsin bound to an inhibitory G protein. <i>Nature</i> , 2018, 558, 553-558.	27.8	230
3	Structural basis of AMPK regulation by adenine nucleotides and glycogen. <i>Cell Research</i> , 2015, 25, 50-66.	12.0	147
4	Structural basis for recognition of diverse transcriptional repressors by the TOPLESS family of corepressors. <i>Science Advances</i> , 2015, 1, e1500107.	10.3	140
5	Structure and function of Norrin in assembly and activation of a Frizzled 4-Lrp5/6 complex. <i>Genes and Development</i> , 2013, 27, 2305-2319.	5.9	91
6	Structural basis for RNA recognition by a dimeric PPR-protein complex. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 1377-1382.	8.2	89
7	A D53 repression motif induces oligomerization of TOPLESS corepressors and promotes assembly of a corepressor-nucleosome complex. <i>Science Advances</i> , 2017, 3, e1601217.	10.3	64
8	Structure of a PLS-class Pentatricopeptide Repeat Protein Provides Insights into Mechanism of RNA Recognition. <i>Journal of Biological Chemistry</i> , 2013, 288, 31540-31548.	3.4	53
9	Wnt5a promotes Frizzled-4 signalosome assembly by stabilizing cysteine-rich domain dimerization. <i>Genes and Development</i> , 2017, 31, 916-926.	5.9	50
10	Deconvoluting AMP-activated protein kinase (AMPK) adenine nucleotide binding and sensing. <i>Journal of Biological Chemistry</i> , 2017, 292, 12653-12666.	3.4	39
11	Molecular Modeling and Affinity Determination of scFv Antibody: Proper Linker Peptide Enhances Its Activity. <i>Annals of Biomedical Engineering</i> , 2010, 38, 537-549.	2.5	34
12	Structural and Functional Study of d-Glucuronyl C5-epimerase. <i>Journal of Biological Chemistry</i> , 2015, 290, 4620-4630.	3.4	34
13	Structural basis of the Norrin-Frizzled 4 interaction. <i>Cell Research</i> , 2015, 25, 1078-1081.	12.0	33
14	Tumor Targeting with Novel 6-Substituted Pyrrolo [2,3- <i>d</i> ] Pyrimidine Antifolates with Heteroatom Bridge Substitutions via Cellular Uptake by Folate Receptor $\pm$ and the Proton-Coupled Folate Transporter and Inhibition of de Novo Purine Nucleotide Biosynthesis. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7856-7876.	6.4	30
15	Conformational heterogeneity of the allosteric drug and metabolite (ADaM) site in AMP-activated protein kinase (AMPK). <i>Journal of Biological Chemistry</i> , 2018, 293, 16994-17007.	3.4	13
16	Crystal structure of TBC1D15 GTPase-activating protein (GAP) domain and its activity on Rab GTPases. <i>Protein Science</i> , 2017, 26, 834-846.	7.6	6
17	A Highly Sensitive Non-Radioactive Activity Assay for AMP-Activated Protein Kinase (AMPK). <i>Methods and Protocols</i> , 2018, 1, 3.	2.0	6