

# Yan Nie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8388498/publications.pdf>

Version: 2024-02-01

20  
papers

726  
citations

687363

13  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1077  
citing authors

#	ARTICLE	IF	CITATIONS
1	New baculovirus expression tools for recombinant protein complex production. <i>Journal of Structural Biology</i> , 2010, 172, 45-54.	2.8	182
2	Constructing a synthetic pathway for acetyl-coenzyme A from one-carbon through enzyme design. <i>Nature Communications</i> , 2019, 10, 1378.	12.8	128
3	Automated unrestricted multigene recombineering for multiprotein complex production. <i>Nature Methods</i> , 2009, 6, 447-450.	19.0	98
4	pH-Regulated Selectivity in Supramolecular Polymerizations: Switching between Co- and Homopolymers. <i>Chemistry - A European Journal</i> , 2015, 21, 3304-3309.	3.3	69
5	Multiprotein Complex Production in Insect Cells by Using Polyproteins. <i>Methods in Molecular Biology</i> , 2014, 1091, 131-141.	0.9	34
6	Intellectual disability-associated gene <i>FTSJ1</i> is responsible for 2-O-methylation of specific tRNAs. <i>EMBO Reports</i> , 2020, 21, e50095.	4.5	34
7	Getting a Grip on Complexes. <i>Current Genomics</i> , 2009, 10, 558-572.	1.6	27
8	Tandem Recombineering by SLIC Cloning and Cre-LoxP Fusion to Generate Multigene Expression Constructs for Protein Complex Research. <i>Methods in Molecular Biology</i> , 2013, 1073, 131-140.	0.9	23
9	THUMP3/TRMT112 is a m <sup>2</sup> G methyltransferase working on a broad range of tRNA substrates. <i>Nucleic Acids Research</i> , 2021, 49, 11900-11919.	14.5	21
10	The role of Bni5 in the regulation of septin higher-order structure formation. <i>Biological Chemistry</i> , 2015, 396, 1325-1337.	2.5	19
11	ACEMBL Tool-Kits for High-Throughput Multigene Delivery and Expression in Prokaryotic and Eukaryotic Hosts. <i>Advances in Experimental Medicine and Biology</i> , 2016, 896, 27-42.	1.6	17
12	Mediator structure and conformation change. <i>Molecular Cell</i> , 2021, 81, 1781-1788.e4.	9.7	15
13	Structural insights into transcription complexes. <i>Journal of Structural Biology</i> , 2011, 175, 135-146.	2.8	14
14	Structural and functional basis of the selectivity filter as a gate in human TRPM2 channel. <i>Cell Reports</i> , 2021, 37, 110025.	6.4	14
15	Development of a Broadly Applicable Cas12a-Linked Beam Unlocking Reaction for Sensitive and Specific Detection of Respiratory Pathogens Including SARS-CoV-2. <i>ACS Chemical Biology</i> , 2021, 16, 491-500.	3.4	12
16	Structure and Molecular Dynamics Simulations of Protein Tyrosine Phosphatase Non-Receptor 12 Provide Insights into the Catalytic Mechanism of the Enzyme. <i>International Journal of Molecular Sciences</i> , 2018, 19, 60.	4.1	8
17	Structural analysis of <i>Shigella flexneri</i> bi-functional enzyme HisE in histidine biosynthesis. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 540-545.	2.1	4
18	Harnessing coronavirus spike proteins' binding affinity to ACE2 receptor through a novel baculovirus surface display system. <i>Biochemical and Biophysical Research Communications</i> , 2022, 606, 23-28.	2.1	4

#	ARTICLE	IF	CITATIONS
19	ACEMBLing multigene expression vectors by recombineering. Protocol Exchange, 0, , .	0.3	3
20	Uncover the myths of voltage-gated sodium channels: cryo-EM structure of the EeNav1.4- $\beta$ 1 complex. Science Bulletin, 2017, 62, 1291-1292.	9.0	0