

# Jun-Jie Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6693633/publications.pdf>

Version: 2024-02-01

24  
papers

1,905  
citations

393982

19  
h-index

642321

23  
g-index

28  
all docs

28  
docs citations

28  
times ranked

3155  
citing authors

#	ARTICLE	IF	CITATIONS
1	CasX enzymes comprise a distinct family of RNA-guided genome editors. <i>Nature</i> , 2019, 566, 218-223.	13.7	346
2	Disabling Cas9 by an anti-CRISPR DNA mimic. <i>Science Advances</i> , 2017, 3, e1701620.	4.7	289
3	A Broad-Spectrum Inhibitor of CRISPR-Cas9. <i>Cell</i> , 2017, 170, 1224-1233.e15.	13.5	211
4	Targeting apoptotic and autophagic pathways for cancer therapeutics. <i>Cancer Letters</i> , 2011, 300, 105-114.	3.2	149
5	Structures of the CRISPR genome integration complex. <i>Science</i> , 2017, 357, 1113-1118.	6.0	120
6	Cryo-EM structure of the exocyst complex. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 139-146.	3.6	119
7	Broad-spectrum enzymatic inhibition of CRISPR-Cas12a. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 315-321.	3.6	99
8	Architecture of the ATG2B-WDR45 complex and an aromatic Y/HF motif crucial for complex formation. <i>Autophagy</i> , 2017, 13, 1870-1883.	4.3	90
9	Temperature-Responsive Competitive Inhibition of CRISPR-Cas9. <i>Molecular Cell</i> , 2019, 73, 601-610.e5.	4.5	67
10	Visualization of distinct substrate-recruitment pathways in the yeast exosome by EM. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 95-102.	3.6	53
11	<i>Polygonatum cyrtonema</i> lectin induces murine fibrosarcoma L929 cell apoptosis and autophagy via blocking Ras/Raf and PI3K/Akt signaling pathways. <i>Biochimie</i> , 2010, 92, 1934-1938.	1.3	51
12	CryoEM structure of yeast cytoplasmic exosome complex. <i>Cell Research</i> , 2016, 26, 822-837.	5.7	44
13	Cryo-EM structure and biochemical analysis reveal the basis of the functional difference between human PI3KC3-C1 and -C2. <i>Cell Research</i> , 2017, 27, 989-1001.	5.7	44
14	Structural basis for AcrVA4 inhibition of specific CRISPR-Cas12a. <i>ELife</i> , 2019, 8, .	2.8	41
15	Target preference of Type III-A CRISPR-Cas complexes at the transcription bubble. <i>Nature Communications</i> , 2019, 10, 3001.	5.8	40
16	Characterization, molecular cloning, and in silico analysis of a novel mannose-binding lectin from <i>Polygonatum odoratum</i> (Mill.) with anti-HSV-II and apoptosis-inducing activities. <i>Phytomedicine</i> , 2011, 18, 748-755.	2.3	32
17	<i>Polygonatum cyrtonema</i> lectin induces murine fibrosarcoma L929 cell apoptosis via a caspase-dependent pathway as compared to <i>Ophiopogon japonicus</i> lectin. <i>Phytomedicine</i> , 2010, 18, 25-31.	2.3	29
18	Chimeric CRISPR-CasX enzymes and guide RNAs for improved genome editing activity. <i>Molecular Cell</i> , 2022, 82, 1199-1209.e6.	4.5	29

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19	Recombinant expression of Polygonatum cyrtonea lectin with anti-viral, apoptosis-inducing activities and preliminary crystallization. <i>Process Biochemistry</i> , 2011, 46, 533-542.	1.8	19
20	Complex structure of the fission yeast SREBP-SCAP binding domains reveals an oligomeric organization. <i>Cell Research</i> , 2016, 26, 1197-1211.	5.7	19
21	Nonspecific interactions between SpCas9 and dsDNA sites located downstream of the PAM mediate facilitated diffusion to accelerate target search. <i>Chemical Science</i> , 2021, 12, 12776-12784.	3.7	8
22	Cryo-Electron Microscopy of Endogenous Yeast Exosomes. <i>Methods in Molecular Biology</i> , 2020, 2062, 401-415.	0.4	1
23	The Global Component-Target Network in Panax Ginseng C. <i>Letters in Drug Design and Discovery</i> , 2011, 8, 181-188.	0.4	0
24	Diverse activation mechanisms of PI3Ks. <i>Nature Structural and Molecular Biology</i> , 2022, 29, 185-187.	3.6	0