

Arjen J Jakobi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6109504/publications.pdf>

Version: 2024-02-01

21
papers

1,421
citations

516561

16
h-index

713332

21
g-index

29
all docs

29
docs citations

29
times ranked

2264
citing authors

#	ARTICLE	IF	CITATIONS
1	An atomic model of HIV-1 capsid-SP1 reveals structures regulating assembly and maturation. <i>Science</i> , 2016, 353, 506-508.	6.0	375
2	Model-based local density sharpening of cryo-EM maps. <i>ELife</i> , 2017, 6, .	2.8	200
3	Molecular structures of unbound and transcribing RNA polymerase III. <i>Nature</i> , 2015, 528, 231-236.	13.7	167
4	Molecular Structures of Transcribing RNA Polymerase I. <i>Molecular Cell</i> , 2016, 64, 1135-1143.	4.5	85
5	Seeing tobacco mosaic virus through direct electron detectors. <i>Journal of Structural Biology</i> , 2015, 189, 87-97.	1.3	82
6	Calcium modulates force sensing by the von Willebrand factor A2 domain. <i>Nature Communications</i> , 2011, 2, 385.	5.8	81
7	An Organized Co-assembly of Clathrin Adaptors Is Essential for Endocytosis. <i>Developmental Cell</i> , 2015, 33, 150-162.	3.1	75
8	Structural basis of p62/SQSTM1 helical filaments and their role in cellular cargo uptake. <i>Nature Communications</i> , 2020, 11, 440.	5.8	71
9	Structural insights into transcription initiation by yeast RNA polymerase I. <i>EMBO Journal</i> , 2017, 36, 2698-2709.	3.5	58
10	Characterization of Atg38 and NRBF2, a fifth subunit of the autophagic Vps34/PIK3C3 complex. <i>Autophagy</i> , 2016, 12, 2129-2144.	4.3	52
11	Thresholding of cryo-EM density maps by false discovery rate control. <i>IUCr</i> , 2019, 6, 18-33.	1.0	34
12	Higher-order assemblies of oligomeric cargo receptor complexes form the membrane scaffold of the Cvt vesicle. <i>EMBO Reports</i> , 2016, 17, 1044-1060.	2.0	26
13	<i>In cellulo</i> serial crystallography of alcohol oxidase crystals inside yeast cells. <i>IUCr</i> , 2016, 3, 88-95.	1.0	23
14	ParaFrag – an approach for surface-based similarity comparison of molecular fragments. <i>Journal of Molecular Modeling</i> , 2008, 14, 547-558.	0.8	19
15	Characterization of the Mycobacterial Acyl-CoA Carboxylase Holo Complexes Reveals Their Functional Expansion into Amino Acid Catabolism. <i>PLoS Pathogens</i> , 2015, 11, e1004623.	2.1	19
16	Transcribing RNA polymerase III observed by electron cryomicroscopy. <i>FEBS Journal</i> , 2016, 283, 2811-2819.	2.2	18
17	Nanofluidic chips for cryo-EM structure determination from picoliter sample volumes. <i>ELife</i> , 2022, 11, .	2.8	12
18	An integrated fragment based screening approach for the discovery of small molecule modulators of the VWF-GPIIb/IIIa interaction. <i>Chemical Communications</i> , 2012, 48, 11349.	2.2	11

#	ARTICLE	IF	CITATIONS
19	A Rapid Cloning Method Employing Orthogonal End Protection. PLoS ONE, 2012, 7, e37617.	1.1	3
20	Ammonium 2-aminopyrazine-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o984-o984.	0.2	1
21	The guanine nucleotide exchange factor Rlf interacts with SH3 domain-containing proteins via a binding site with a preselected conformation. Journal of Structural Biology, 2013, 183, 312-319.	1.3	1