

Tjelvar S G Olsson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1816741/publications.pdf>

Version: 2024-02-01

20
papers

1,454
citations

623188

14
h-index

752256

20
g-index

22
all docs

22
docs citations

22
times ranked

2529
citing authors

#	ARTICLE	IF	CITATIONS
1	The Thermodynamics of Protein–Ligand Interaction and Solvation: Insights for Ligand Design. <i>Journal of Molecular Biology</i> , 2008, 384, 1002-1017.	2.0	281
2	Distinct phases of Polycomb silencing to hold epigenetic memory of cold in <i>Arabidopsis</i> . <i>Science</i> , 2017, 357, 1142-1145.	6.0	167
3	Potential and Limitations of Ensemble Docking. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 1262-1274.	2.5	149
4	Extent of enthalpy–entropy compensation in protein–ligand interactions. <i>Protein Science</i> , 2011, 20, 1607-1618.	3.1	143
5	Evaluation of molecular crystal structures using Full Interaction Maps. <i>CrystEngComm</i> , 2013, 15, 65-72.	1.3	109
6	Local chromatin environment of a Polycomb target gene instructs its own epigenetic inheritance. <i>ELife</i> , 2015, 4, .	2.8	92
7	A calmodulin–like protein regulates plasmodesmal closure during bacterial immune responses. <i>New Phytologist</i> , 2017, 215, 77-84.	3.5	90
8	Identifying Interactions that Determine Fragment Binding at Protein Hotspots. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4314-4325.	2.9	86
9	The Hydrogen Bond Environments of 1 <i>H</i> -Tetrazole and Tetrazolate Rings: The Structural Basis for Tetrazole–Carboxylic Acid Bioisosterism. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 857-866.	2.5	65
10	A method for detecting single mRNA molecules in <i>Arabidopsis thaliana</i> . <i>Plant Methods</i> , 2016, 12, 13.	1.9	62
11	Ectopic BASL Reveals Tissue Cell Polarity throughout Leaf Development in <i>Arabidopsis thaliana</i> . <i>Current Biology</i> , 2018, 28, 2638-2646.e4.	1.8	55
12	Validating and Understanding Ring Conformations Using Small Molecule Crystallographic Data. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 956-962.	2.5	40
13	Subpocket Analysis Method for Fragment-Based Drug Discovery. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 131-141.	2.5	23
14	dtolAI: Reproducibility for Deep Learning. <i>Patterns</i> , 2020, 1, 100073.	3.1	23
15	Single Molecule RNA FISH in <i>Arabidopsis</i> Root Cells. <i>Bio-protocol</i> , 2017, 7, e2240.	0.2	16
16	Computational design of a Diels–Alderase from a thermophilic esterase: the importance of dynamics. <i>Journal of Computer-Aided Molecular Design</i> , 2012, 26, 1079-1095.	1.3	12
17	Designing a New Diels–Alderase: A Combinatorial, Semirational Approach Including Dynamic Optimization.. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 1906-1917.	2.5	11
18	Assessment of a Cambridge Structural Database-Driven Overlay Program. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 3091-3098.	2.5	11

#	ARTICLE	IF	CITATIONS
19	jicbioimage: a tool for automated and reproducible bioimage analysis. PeerJ, 2016, 4, e2674.	0.9	6
20	Lightweight data management with dtool. PeerJ, 2019, 7, e6562.	0.9	5