Tjelvar S G Olsson

List of Publications by Year
in descending order

20	1,454	623188 14	752256 20
papers	citations	h-index	g-index

22	22	22	2529
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	dtoolAI: Reproducibility for Deep Learning. Patterns, 2020, 1, 100073.	3.1	23
2	Lightweight data management with dtool. PeerJ, 2019, 7, e6562.	0.9	5
3	Ectopic BASL Reveals Tissue Cell Polarity throughout Leaf Development in Arabidopsis thaliana. Current Biology, 2018, 28, 2638-2646.e4.	1.8	55
4	A calmodulinâ€like protein regulates plasmodesmal closure during bacterial immune responses. New Phytologist, 2017, 215, 77-84.	3.5	90
5	Distinct phases of Polycomb silencing to hold epigenetic memory of cold in Arabidopsis. Science, 2017, 357, 1142-1145.	6.0	167
6	Single Molecule RNA FISH in Arabidopsis Root Cells. Bio-protocol, 2017, 7, e2240.	0.2	16
7	Identifying Interactions that Determine Fragment Binding at Protein Hotspots. Journal of Medicinal Chemistry, 2016, 59, 4314-4325.	2.9	86
8	A method for detecting single mRNA molecules in Arabidopsis thaliana. Plant Methods, 2016, 12, 13.	1.9	62
9	jicbioimage: a tool for automated and reproducible bioimage analysis. PeerJ, 2016, 4, e2674.	0.9	6
10	Local chromatin environment of a Polycomb target gene instructs its own epigenetic inheritance. ELife, 2015, 4, .	2.8	92
11	Assessment of a Cambridge Structural Database-Driven Overlay Program. Journal of Chemical Information and Modeling, 2014, 54, 3091-3098.	2.5	11
12	Subpocket Analysis Method for Fragment-Based Drug Discovery. Journal of Chemical Information and Modeling, 2013, 53, 131-141.	2.5	23
13	Evaluation of molecular crystal structures using Full Interaction Maps. CrystEngComm, 2013, 15, 65-72.	1.3	109
14	Computational design of a Dielsâ€“Alderase from a thermophilic esterase: the importance of dynamics. Journal of Computer-Aided Molecular Design, 2012, 26, 1079-1095.	1.3	12
15	Validating and Understanding Ring Conformations Using Small Molecule Crystallographic Data. Journal of Chemical Information and Modeling, 2012, 52, 956-962.	2.5	40
16	The Hydrogen Bond Environments of 1H-Tetrazole and Tetrazolate Rings: The Structural Basis for Tetrazoleâ€“Carboxylic Acid Bioisosterism. Journal of Chemical Information and Modeling, 2012, 52, 857-866.	2.5	65
17	Potential and Limitations of Ensemble Docking. Journal of Chemical Information and Modeling, 2012, 52, 1262-1274.	2.5	149
18	Designing a New Dielsâ€“Alderase: A Combinatorial, Semirational Approach Including Dynamic Optimization.. Journal of Chemical Information and Modeling, 2011, 51, 1906-1917.	2.5	11

#	Article	IF	Citations
19	Extent of enthalpyâ€“entropy compensation in proteinâ€“ligand interactions. Protein Science, 2011, 20, 1607-1618.	3.1	143
20	The Thermodynamics of Proteinâ€“Ligand Interaction and Solvation: Insights for Ligand Design. Journal of Molecular Biology, 2008, 384, 1002-1017.	2.0	281