

Fang-Chieh Chou

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,553
citations

516710

16
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677142

22
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docs citations

24
times ranked

2373
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA-Puzzles Round IV: 3D structure predictions of four ribozymes and two aptamers. <i>Rna</i> , 2020, 26, 982-995.	3.5	100
2	RNA-Puzzles Round III: 3D RNA structure prediction of five riboswitches and one ribozyme. <i>Rna</i> , 2017, 23, 655-672.	3.5	158
3	Blind tests of RNA nearest-neighbor energy prediction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8430-8435.	7.1	29
4	RNA Structure Refinement Using the ERRASER-Phenix Pipeline. <i>Methods in Molecular Biology</i> , 2016, 1320, 269-282.	0.9	24
5	Modeling Complex RNA Tertiary Folds with Rosetta. <i>Methods in Enzymology</i> , 2015, 553, 35-64.	1.0	84
6	RNA-Puzzles Round II: assessment of RNA structure prediction programs applied to three large RNA structures. <i>Rna</i> , 2015, 21, 1066-1084.	3.5	161
7	Consistent global structures of complex RNA states through multidimensional chemical mapping. <i>ELife</i> , 2015, 4, e07600.	6.0	57
8	Blind Predictions of DNA and RNA Tweezers Experiments with Force and Torque. <i>PLoS Computational Biology</i> , 2014, 10, e1003756.	3.2	36
9	Double-stranded RNA under force and torque: Similarities to and striking differences from double-stranded DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15408-15413.	7.1	162
10	Remodeling a β -peptide bundle. <i>Chemical Science</i> , 2013, 4, 319-324.	7.4	18
11	Correcting pervasive errors in RNA crystallography through enumerative structure prediction. <i>Nature Methods</i> , 2013, 10, 74-76.	19.0	138
12	Adding Diverse Noncanonical Backbones to Rosetta: Enabling Peptidomimetic Design. <i>PLoS ONE</i> , 2013, 8, e67051.	2.5	59
13	Serverification of Molecular Modeling Applications: The Rosetta Online Server That Includes Everyone (ROSIE). <i>PLoS ONE</i> , 2013, 8, e63906.	2.5	348
14	Measurements of ^{13}C Multiple-Quantum Coherences in Amyloid Fibrils under Magic-Angle Spinning. <i>Journal of Physical Chemistry B</i> , 2012, 116, 7162-7167.	2.6	2
15	Automated RNA Structure Prediction Uncovers a Kink-Turn Linker in Double Glycine Riboswitches. <i>Journal of the American Chemical Society</i> , 2012, 134, 1404-1407.	13.7	47
16	Steric Zipper Formed by Hydrophobic Peptide Fragment of Syrian Hamster Prion Protein. <i>Biochemistry</i> , 2011, 50, 6815-6823.	2.5	32
17	Molecular Structure of Amyloid Fibrils Formed by Residues 127 to 147 of the Human Prion Protein. <i>Chemistry - A European Journal</i> , 2010, 16, 5492-5499.	3.3	20
18	Rotational echo double resonance without proton decoupling under fast spinning condition. <i>Solid State Nuclear Magnetic Resonance</i> , 2010, 38, 58-61.	2.3	2

#	ARTICLE	IF	CITATIONS
19	Internal symmetry of basic elements in symmetry-based recoupling sequences under magic-angle spinning. <i>Journal of Chemical Physics</i> , 2010, 133, 114503.	3.0	7
20	Compensated DRAMA sequence for homonuclear dipolar recoupling under magic-angle spinning. <i>Solid State Nuclear Magnetic Resonance</i> , 2009, 36, 177-181.	2.3	4
21	Heteronuclear dipolar recoupling in multiple-spin system under fast magic-angle spinning. <i>Journal of Magnetic Resonance</i> , 2009, 197, 96-99.	2.1	12
22	Steric Zipper of the Amyloid Fibrils Formed by Residues 109-122 of the Syrian Hamster Prion Protein. <i>Journal of Molecular Biology</i> , 2008, 378, 1142-1154.	4.2	53