

# Fang-Chieh Chou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10491902/publications.pdf>

Version: 2024-02-01

22  
papers

1,553  
citations

516710

16  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2373  
citing authors

#	ARTICLE	IF	CITATIONS
1	Serverification of Molecular Modeling Applications: The Rosetta Online Server That Includes Everyone (ROSIE). PLoS ONE, 2013, 8, e63906.	2.5	348
2	Double-stranded RNA under force and torque: Similarities to and striking differences from double-stranded DNA. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15408-15413.	7.1	162
3	<i>RNA-Puzzles</i> Round II: assessment of RNA structure prediction programs applied to three large RNA structures. Rna, 2015, 21, 1066-1084.	3.5	161
4	RNA-Puzzles Round III: 3D RNA structure prediction of five riboswitches and one ribozyme. Rna, 2017, 23, 655-672.	3.5	158
5	Correcting pervasive errors in RNA crystallography through enumerative structure prediction. Nature Methods, 2013, 10, 74-76.	19.0	138
6	RNA-Puzzles Round IV: 3D structure predictions of four ribozymes and two aptamers. Rna, 2020, 26, 982-995.	3.5	100
7	Modeling Complex RNA Tertiary Folds with Rosetta. Methods in Enzymology, 2015, 553, 35-64.	1.0	84
8	Adding Diverse Noncanonical Backbones to Rosetta: Enabling Peptidomimetic Design. PLoS ONE, 2013, 8, e67051.	2.5	59
9	Consistent global structures of complex RNA states through multidimensional chemical mapping. ELife, 2015, 4, e07600.	6.0	57
10	Steric Zipper of the Amyloid Fibrils Formed by Residues 109â€“122 of the Syrian Hamster Prion Protein. Journal of Molecular Biology, 2008, 378, 1142-1154.	4.2	53
11	Automated RNA Structure Prediction Uncovers a Kink-Turn Linker in Double Glycine Riboswitches. Journal of the American Chemical Society, 2012, 134, 1404-1407.	13.7	47
12	Blind Predictions of DNA and RNA Tweezers Experiments with Force and Torque. PLoS Computational Biology, 2014, 10, e1003756.	3.2	36
13	Steric Zipper Formed by Hydrophobic Peptide Fragment of Syrian Hamster Prion Protein. Biochemistry, 2011, 50, 6815-6823.	2.5	32
14	Blind tests of RNA nearest-neighbor energy prediction. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8430-8435.	7.1	29
15	RNA Structure Refinement Using the ERRASER-Phenix Pipeline. Methods in Molecular Biology, 2016, 1320, 269-282.	0.9	24
16	Molecular Structure of Amyloid Fibrils Formed by Residues 127 to 147 of the Human Prion Protein. Chemistry - A European Journal, 2010, 16, 5492-5499.	3.3	20
17	Remodeling a Î²-peptide bundle. Chemical Science, 2013, 4, 319-324.	7.4	18
18	Heteronuclear dipolar recoupling in multiple-spin system under fast magic-angle spinning. Journal of Magnetic Resonance, 2009, 197, 96-99.	2.1	12

#	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	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
22	Measurements of <sup>13</sup> 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