Swapna Gurla

List of Publications by Year
in descending order

		1040056	996975
16 papers	249 citations	9 h-index	15 g-index
19 all docs	19 docs citations	19 times ranked	387 citing authors

#	Article	IF	Citations
1	Automated protein fold determination using a minimal NMR constraint strategy. Protein Science, 2003, 12, 1232-1246.	7.6	53
2	19F NMR Reveals Multiple Conformations at the Dimer Interface of the Nonstructural Protein 1 Effector Domain from Influenza A Virus. Structure, 2014, 22, 515-525.	3.3	41
3	Assessment of prediction methods for protein structures determined by <scp>NMR</scp> in <scp>CASP14</scp>: Impact of <scp>AlphaFold2</scp>. Proteins: Structure, Function and Bioinformatics, 2021, 89, 1959-1976.	2.6	30
4	Protein structure prediction assisted with sparse NMR data in CASP13. Proteins: Structure, Function and Bioinformatics, 2019, 87, 1315-1332.	2.6	21
5	Antiparallel Coiled-Coil Interactions Mediate the Homodimerization of the DNA Damage-Repair Protein PALB2. Biochemistry, 2018, 57, 6581-6591.	2.5	17
6	Application of multiple-quantum line narrowing with simultaneous 1H and 13C constant-time scalar-coupling evolution in PFG-HACANH and PFG-HACA(CO)NH triple-resonance experiments. Journal of Biomolecular NMR, 1997, 9, 105-111.	2.8	16
7	Semi-automated backbone resonance assignments of the extracellular ligand-binding domain of an ionotropic glutamate receptor. Journal of Biomolecular NMR, 2002, 22, 297-298.	2.8	13
8	Solution NMR evidence for a cis Tyrâ€Ala peptide group in the structure of [Pro93Ala] bovine pancreatic ribonuclease A. Protein Science, 2000, 9, 421-426.	7.6	10
9	¹³C metabolic flux profiling of <i>Pichia pastoris</i> grown in aerobic batch cultures on glucose revealed high relative anabolic use of <scp>TCA</scp> cycle and limited incorporation of provided precursors of branchedâ€chain amino acids. FEBS Journal, 2017, 284, 3100-3113.	4.7	10
10	Combining Evolutionary Covariance and NMR Data for Protein Structure Determination. Methods in Enzymology, 2019, 614, 363-392.	1.0	8
11	Resonance assignments for cold-shock protein ribosome-binding factor A (RbfA) from Escherichia coli. Journal of Biomolecular NMR, 2001, 21, 389-390.	2.8	7
12	Letter to the Editor: Backbone1H,15N and13C assignments for the 21ÂkDa Caenorhabditis elegans homologue of `brain-specific' protein. Journal of Biomolecular NMR, 2004, 28, 91-92.	2.8	7
13	Multiple helical conformations of the helixâ€turnâ€helix region revealed by NOEâ€restrained MD simulations of tryptophan aporepressor, TrpR. Proteins: Structure, Function and Bioinformatics, 2017, 85, 731-740.	2.6	6
14	Structural evolution of the ancient enzyme, dissimilatory sulfite reductase. Proteins: Structure, Function and Bioinformatics, 2022, 90, 1331-1345.	2.6	5
15	Solution NMR structure of Escherichia coli ytfP expands the structural coverage of the UPF0131 protein domain family. Proteins: Structure, Function and Bioinformatics, 2007, 68, 789-795.	2.6	4
16	Cover Image, Volume 85, Issue 4. Proteins: Structure, Function and Bioinformatics, 2017, 85, C1.	2.6	0