

Parker J Nichols

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	On the use of residual dipolar couplings in multi-state structure calculation of two-domain proteins. <i>Magnetic Resonance Letters</i> , 2022, 2, 61-68.	1.3	0
2	Recognition of non-CpG repeats in Alu and ribosomal RNAs by the Z-RNA binding domain of ADAR1 induces A-Z junctions. <i>Nature Communications</i> , 2021, 12, 793.	12.8	39
3	The Disordered Spindly C-terminus Interacts with RZZ Subunits ROD-1 and ZWL-1 in the Kinetochores through the Same Sites in <i>C. Elegans</i> . <i>Journal of Molecular Biology</i> , 2021, 433, 166812.	4.2	11
4	Solution NMR backbone assignments of the N-terminal Z ¹ -linker-Z ² segment from Homo sapiens ADAR1p150. <i>Biomolecular NMR Assignments</i> , 2021, 15, 273-279.	0.8	2
5	The Inherent Dynamics and Interaction Sites of the SARS-CoV-2 Nucleocapsid N-Terminal Region. <i>Journal of Molecular Biology</i> , 2021, 433, 167108.	4.2	30
6	Reconstruction of Coupled Intra- and Interdomain Protein Motion from Nuclear and Electron Magnetic Resonance. <i>Journal of the American Chemical Society</i> , 2021, 143, 16055-16067.	13.7	13
7	A New Subclass of Exoribonuclease-Resistant RNA Found in Multiple Genera of <i>Flaviviridae</i> . <i>MBio</i> , 2020, 11, .	4.1	12
8	Reducing the measurement time of exact NOEs by non-uniform sampling. <i>Journal of Biomolecular NMR</i> , 2020, 74, 717-739.	2.8	7
9	Integrating NMR and simulations reveals motions in the UUCG tetraloop. <i>Nucleic Acids Research</i> , 2020, 48, 5839-5848.	14.5	31
10	Deuteration of nonexchangeable protons on proteins affects their thermal stability, side-chain dynamics, and hydrophobicity. <i>Protein Science</i> , 2020, 29, 1641-1654.	7.6	21
11	Solution NMR backbone assignment reveals interaction-free tumbling of human lineage-specific Olduvai protein domains. <i>Biomolecular NMR Assignments</i> , 2019, 13, 339-343.	0.8	4
12	A transient helix in the disordered region of dynein light intermediate chain links the motor to structurally diverse adaptors for cargo transport. <i>PLoS Biology</i> , 2019, 17, e3000100.	5.6	39
13	Backbone and side-chain chemical shift assignments of full-length, apo, human Pin1, a phosphoprotein regulator with interdomain allostery. <i>Biomolecular NMR Assignments</i> , 2019, 13, 85-89.	0.8	6
14	Efficient Stereospecific H ² /3 NMR Assignment Strategy for Mid-Size Proteins. <i>Magnetochemistry</i> , 2018, 4, 25.	2.4	7
15	Extending the Applicability of Exact Nuclear Overhauser Enhancements to Large Proteins and RNA. <i>ChemBioChem</i> , 2018, 19, 1695-1701.	2.6	15
16	High-resolution small RNA structures from exact nuclear Overhauser enhancement measurements without additional restraints. <i>Communications Biology</i> , 2018, 1, 61.	4.4	23
17	Correlated motions of C ¹⁵ N and C ¹³ C ¹³ pairs in protonated and per-deuterated GB3. <i>Journal of Biomolecular NMR</i> , 2018, 72, 39-54.	2.8	5
18	The Exact Nuclear Overhauser Enhancement: Recent Advances. <i>Molecules</i> , 2017, 22, 1176.	3.8	26