

Parker J Nichols

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	On the use of residual dipolar couplings in multi-state structure calculation of two-domain proteins. Magnetic Resonance Letters, 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. Nature Communications, 2021, 12, 793.	12.8	39
3	The Disordered Spindly C-terminus Interacts with RZZ Subunits ROD-1 and ZWL-1 in the Kinetochore through the Same Sites in C. Elegans. Journal of Molecular Biology, 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. Biomolecular NMR Assignments, 2021, 15, 273-279.	0.8	2
5	The Inherent Dynamics and Interaction Sites of the SARS-CoV-2 Nucleocapsid N-Terminal Region. Journal of Molecular Biology, 2021, 433, 167108.	4.2	30
6	Reconstruction of Coupled Intra- and Interdomain Protein Motion from Nuclear and Electron Magnetic Resonance. Journal of the American Chemical Society, 2021, 143, 16055-16067.	13.7	13
7	A New Subclass of Exoribonuclease-Resistant RNA Found in Multiple Genera of <i>Flaviviridae</i> . MBio, 2020, 11, .	4.1	12
8	Reducing the measurement time of exact NOEs by non-uniform sampling. Journal of Biomolecular NMR, 2020, 74, 717-739.	2.8	7
9	Integrating NMR and simulations reveals motions in the UUCG tetraloop. Nucleic Acids Research, 2020, 48, 5839-5848.	14.5	31
10	Deuteration of nonexchangeable protons on proteins affects their thermal stability, side-chain dynamics, and hydrophobicity. Protein Science, 2020, 29, 1641-1654.	7.6	21
11	Solution NMR backbone assignment reveals interaction-free tumbling of human lineage-specific Olduvai protein domains. Biomolecular NMR Assignments, 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. PLoS Biology, 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. Biomolecular NMR Assignments, 2019, 13, 85-89.	0.8	6
14	Efficient Stereospecific H ¹ 2/3 NMR Assignment Strategy for Mid-Size Proteins. Magnetochemistry, 2018, 4, 25.	2.4	7
15	Extending the Applicability of Exact Nuclear Overhauser Enhancements to Large Proteins and RNA. ChemBioChem, 2018, 19, 1695-1701.	2.6	15
16	High-resolution small RNA structures from exact nuclear Overhauser enhancement measurements without additional restraints. Communications Biology, 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. Journal of Biomolecular NMR, 2018, 72, 39-54.	2.8	5
18	The Exact Nuclear Overhauser Enhancement: Recent Advances. Molecules, 2017, 22, 1176.	3.8	26