Morkos A Henen

List of Publications by Year
in descending order

38 papers	748 citations	623188 14 h-index	580395 25 g-index
42 all docs	42 docs citations	42 times ranked	965 citing authors

#	Article	IF	Citations
1	Targeting tumor-derived NLRP3 reduces melanoma progression by limiting MDSCs expansion. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	95
2	Cooperative Unfolding of Compact Conformations of the Intrinsically Disordered Protein Osteopontin. Biochemistry, 2013, 52, 5167-5175.	1.2	90
3	Stabilizerâ€Guided Inhibition of Proteinâ€“Protein Interactions. Angewandte Chemie - International Edition, 2015, 54, 15720-15724.	7.2	56
4	Structural biology of betaglycan and endoglin, membrane-bound co-receptors of the TGF-beta family. Experimental Biology and Medicine, 2019, 244, 1547-1558.	1.1	43
5	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.	2.6	39
6	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.	5.8	39
7	[1,2,4]Triazolo[4,3-a]quinoxaline: synthesis, antiviral, and antimicrobial activities. Medicinal Chemistry Research, 2012, 21, 2368-2378.	1.1	36
8	Binding Properties of the Transforming Growth Factor-Î² Coreceptor Betaglycan: Proposed Mechanism for Potentiation of Receptor Complex Assembly and Signaling. Biochemistry, 2016, 55, 6880-6896.	1.2	33
9	Protonationâ€dependent conformational variability of intrinsically disordered proteins. Protein Science, 2013, 22, 1196-1205.	3.1	31
10	Microbiota-derived butyrate is an endogenous HIF prolyl hydroxylase inhibitor. Gut Microbes, 2021, 13, 1938380.	4.3	30
11	The Inherent Dynamics and Interaction Sites of the SARS-CoV-2 Nucleocapsid N-Terminal Region. Journal of Molecular Biology, 2021, 433, 167108.	2.0	30
12	The Exact Nuclear Overhauser Enhancement: Recent Advances. Molecules, 2017, 22, 1176.	1.7	26
13	High-resolution small RNA structures from exact nuclear Overhauser enhancement measurements without additional restraints. Communications Biology, 2018, 1, 61.	2.0	23
14	Microbialâ€derived indoles inhibit neutrophil myeloperoxidase to diminish bystander tissue damage. FASEB Journal, 2021, 35, e21552.	0.2	17
15	Extending the Applicability of Exact Nuclear Overhauser Enhancements to Large Proteins and RNA. ChemBioChem, 2018, 19, 1695-1701.	1.3	15
16	TGF-Î²2 uses the concave surface of its extended finger region to bind betaglycanâ€™s ZP domain via three residues specific to TGF-Î² and inhibin-Î±. Journal of Biological Chemistry, 2019, 294, 3065-3080.	1.6	15
17	Synthesis, state-of-the-art NMR-binding and molecular modeling study of new benzimidazole core derivatives as Pin1 inhibitors: Targeting breast cancer. Bioorganic and Medicinal Chemistry, 2020, 28, 115495.	1.4	15
18	Synthesis, anticancer and antimicrobial evaluation of new benzofuran based derivatives: PI3K inhibition, quorum sensing and molecular modeling study. Bioorganic and Medicinal Chemistry, 2021, 31, 115976.	1.4	15

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19	Reconstruction of Coupled Intra- and Interdomain Protein Motion from Nuclear and Electron Magnetic Resonance. Journal of the American Chemical Society, 2021, 143, 16055-16067.	6.6	13
20	Toward Rational Fragment-Based Lead Design without 3D Structures. Journal of Medicinal Chemistry, 2012, 55, 7909-7919.	2.9	11
21	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.	2.0	11
22	A Î²-Turn Motif in the Steroid Hormone Receptorâ€™s Ligand-Binding Domains Interacts with the Peptidyl-prolyl Isomerase (PPIase) Catalytic Site of the Immunophilin FKBP52. Biochemistry, 2016, 55, 5366-5376.	1.2	10
23	Efficient Stereospecific HÎ²2/3 NMR Assignment Strategy for Mid-Size Proteins. Magnetochemistry, 2018, 4, 25.	1.0	7
24	Reducing the measurement time of exact NOEs by non-uniform sampling. Journal of Biomolecular NMR, 2020, 74, 717-739.	1.6	7
25	Activity and Affinity of Pin1 Variants. Molecules, 2020, 25, 36.	1.7	7
26	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.	0.4	6
27	Backbone and partial side chain assignment of the microtubule binding domain of the MAP1B light chain. Biomolecular NMR Assignments, 2014, 8, 123-127.	0.4	4
28	Solution NMR backbone assignment reveals interaction-free tumbling of human lineage-specific Olduvai protein domains. Biomolecular NMR Assignments, 2019, 13, 339-343.	0.4	4
29	Understanding Chemistry and Unique NMR Characters of Novel Amide and Ester Leflunomide Analogues. Magnetochemistry, 2017, 3, 41.	1.0	2
30	Solution NMR backbone assignments of the N-terminal ZÎ±-linker-ZÎ² segment from Homo sapiens ADAR1p150. Biomolecular NMR Assignments, 2021, 15, 273-279.	0.4	2
31	In colorectal cancer; NMR-monitored Î²-Catenin inhibition by a Quinoline derivative using Water-LOGSY technique. Journal of Molecular Structure, 2021, 1246, 131151.	1.8	2
32	Cooperatively Folded Conformational Sub-States in Intrinsically Disordered Proteins as Revealed by EPR Spectroscopy. Biophysical Journal, 2013, 104, 190a.	0.2	0
33	Methyl-Labeling Assisted NMR Structure Determination of a 66 KDA Growth Factor-Receptor Complex. Biophysical Journal, 2017, 112, 487a-488a.	0.2	0
34	Microbiotaâ€derived butyrate is an endogenous inhibitor of HIF prolylâ€hydroxylases. FASEB Journal, 2021, 35, .	0.2	0
35	Microbial-Derived Butyrate is an Endogenous HIF Prolyl Hydroxylase Inhibitor. SSRN Electronic Journal, 0, , .	0.4	0
36	On the use of residual dipolar couplings in multi-state structure calculation of two-domain proteins. Magnetic Resonance Letters, 2022, 2, 61-68.	0.7	0

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37	Solution NMR backbone assignments of disordered Olduvai protein domain CON1 employing HÎ±-detected experiments. Biomolecular NMR Assignments, 2022, , 1.	0.4	0
38	Butyrate Analogues Mimicking Hypoxia by the Chemical Stabilization of Hypoxia Inducible Factor (HIF). FASEB Journal, 2022, 36, .	0.2	0