

David A Horita

List of Publications by Year in descending order

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37
papers

1,002
citations

394421

19
h-index

414414

32
g-index

37
all docs

37
docs citations

37
times ranked

1545
citing authors

#	ARTICLE	IF	CITATIONS
1	Picosecond dynamics of simple monosaccharides as probed by NMR and molecular dynamics simulations. <i>Journal of the American Chemical Society</i> , 1993, 115, 9196-9201.	13.7	87
2	An NMR Experiment for Measuring Methyl ¹³ C-Methyl NOEs in ¹³ C-Labeled Proteins with High Resolution. <i>Journal of the American Chemical Society</i> , 1998, 120, 7617-7625.	13.7	86
3	Solution structure and functional analysis of the cysteine-rich C1 domain of kinase suppressor of ras (KSR). <i>Journal of Molecular Biology</i> , 2002, 315, 435-446.	4.2	83
4	Improving the Accuracy of NMR Structures of Large Proteins Using Pseudocontact Shifts as Long-Range Restraints. <i>Journal of Biomolecular NMR</i> , 2004, 28, 205-212.	2.8	76
5	C16-ceramide is a natural regulatory ligand of p53 in cellular stress response. <i>Nature Communications</i> , 2018, 9, 4149.	12.8	76
6	Complexes of Vesicular Stomatitis Virus Matrix Protein with Host Rae1 and Nup98 Involved in Inhibition of Host Transcription. <i>PLoS Pathogens</i> , 2012, 8, e1002929.	4.7	61
7	Solution structure of interleukin-13 and insights into receptor engagement ¹¹ Edited by P. E. Wright. <i>Journal of Molecular Biology</i> , 2001, 310, 231-241.	4.2	38
8	Implications of SH3 Domain Structure and Dynamics For Protein Regulation and Drug Design. <i>Cell Biochemistry and Biophysics</i> , 2001, 35, 127-140.	1.8	35
9	15-Lipoxygenase Metabolites of Docosahexaenoic Acid Inhibit Prostate Cancer Cell Proliferation and Survival. <i>PLoS ONE</i> , 2012, 7, e45480.	2.5	34
10	Nondegradative Ubiquitination of Apoptosis Inducing Factor (AIF) by X-Linked Inhibitor of Apoptosis at a Residue Critical for AIF-Mediated Chromatin Degradation. <i>Biochemistry</i> , 2011, 50, 11084-11096.	2.5	33
11	Integrin Conformational Regulation: Uncoupling Extension/Tail Separation from Changes in the Head Region by a Multiresolution Approach. <i>Structure</i> , 2008, 16, 954-964.	3.3	32
12	Solution structure of the human Hck SH3 domain and identification of its ligand binding site. <i>Journal of Molecular Biology</i> , 1998, 278, 253-265.	4.2	31
13	Yin Yang 1 promotes mTORC2-mediated AKT phosphorylation. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 232-243.	3.3	29
14	The Disintegrin Echistatin Stabilizes Integrin α 5 β 3's Open Conformation and Promotes Its Oligomerization. <i>Journal of Molecular Biology</i> , 2004, 342, 1625-1636.	4.2	28
15	Integrin α 5 β 3:ligand interactions are linked to binding-site remodeling. <i>Protein Science</i> , 2006, 15, 1893-1906.	7.6	25
16	The structure of the transcriptional antiterminator NusB from <i>Escherichia coli</i> . <i>Nature Structural Biology</i> , 2000, 7, 470-474.	9.7	21
17	Dynamics of the Hck SH3 domain: Comparison of experiment with multiple molecular dynamics simulations. <i>Protein Science</i> , 2000, 9, 95-103.	7.6	20
18	Site-Specific DNA-Doxorubicin Conjugates Display Enhanced Cytotoxicity to Breast Cancer Cells. <i>Bioconjugate Chemistry</i> , 2014, 25, 406-413.	3.6	20

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19	Intramolecular Binding of a Proximal PP _{II} Helix to an SH3 Domain in the Fusion Protein SH3 _{Hck} : PP _{II} _{hGAP} . Cell Biochemistry and Biophysics, 2001, 35, 115-126.	1.8	19
20	Solution structure, domain features, and structural implications of mutants of the chromo domain from the fission yeast histone methyltransferase clr411 Edited by P. E. Wright. Journal of Molecular Biology, 2001, 307, 861-870.	4.2	18
21	Zn ²⁺ selectively stabilizes FdU-substituted DNA through a unique major groove binding motif. Nucleic Acids Research, 2011, 39, 4490-4498.	14.5	18
22	Solution dynamics of the 1,2,3,4,6-penta-O-acetyl-alpha-D-idopyranose ring. Glycoconjugate Journal, 1997, 14, 691-696.	2.7	16
23	Longitudinal ¹ H MRS of rat forebrain from infancy to adulthood reveals adolescence as a distinctive phase of neurometabolite development. NMR in Biomedicine, 2013, 26, 683-691.	2.8	15
24	Entropy Drives Integrin Î±IIbÎ²3:Echistatin Binding Evidence from Surface Plasmon Resonance Spectroscopy. Biochemistry, 2008, 47, 2884-2892.	2.5	13
25	Two methods for assessment of choline status in a randomized crossover study with varying dietary choline intake in people: isotope dilution MS of plasma and in vivo single-voxel magnetic resonance spectroscopy of liver. American Journal of Clinical Nutrition, 2021, 113, 1670-1678.	4.7	13
26	Sequence variants in the 3â€²â†’5â€² deoxyribonuclease TREX2: identification in a genetic screen and effects on catalysis by the recombinant proteins. Advances in Enzyme Regulation, 2004, 44, 37-49.	2.6	11
27	Mutations in the PX ^{SH3A} Linker of p47phox Decouple PI(3,4)P2 Binding from NADPH Oxidase Activation. Biochemistry, 2008, 47, 8855-8865.	2.5	11
28	The NOXO1 ^{PX} Domain Preferentially Targets PtdIns(4,5)P2 and PtdIns(3,4,5)P3. Journal of Molecular Biology, 2012, 417, 440-453.	4.2	11
29	Cooperative stabilization of Zn ²⁺ :DNA complexes through netropsin binding in the minor groove of FdU-substituted DNA. Journal of Biomolecular Structure and Dynamics, 2013, 31, 1301-1310.	3.5	11
30	The Role of Single-Nucleotide Polymorphisms in the Function of Candidate Tumor Suppressor ALDH1L1. Frontiers in Genetics, 2019, 10, 1013.	2.3	10
31	Secondary structure and backbone resonance assignments for human interleukin-13. Journal of Biomolecular NMR, 2001, 19, 93-94.	2.8	5
32	PROBING Î±IIbÎ²3: LIGAND INTERACTIONS BY DYNAMIC FORCE SPECTROSCOPY AND SURFACE PLASMON RESONANCE. Nano LIFE, 2013, 03, 1340005.	0.9	5
33	Modeling of interactions between functional domains of ALDH1L1. Chemico-Biological Interactions, 2017, 276, 23-30.	4.0	5
34	The high-molecular-weight kininogen <sc>Domain</sc> 5 is an intrinsically unstructured protein and its interaction with ferritin is metal mediated. Protein Science, 2014, 23, 1013-1022.	7.6	3
35	A simple and inexpensive preparation of perdeuterated sorbitol for use as a biomacromolecule stabilization agent in NMR studies. Journal of Biomolecular NMR, 2000, 16, 339-342.	2.8	2
36	Backbone 1H, 15N, and 13C resonance assignments for the NOXO1 ^{PX} domain. Biomolecular NMR Assignments, 2011, 5, 139-141.	0.8	1

#	ARTICLE	IF	CITATIONS
37	Attack of the Killer Tomato Pathogens. Structure, 2004, 12, 1122-1123.	3.3	0