David A Horita

List of Publications by Year
in descending order

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	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
2	The Role of Single-Nucleotide Polymorphisms in the Function of Candidate Tumor Suppressor ALDH1L1. Frontiers in Genetics, 2019, 10, 1013.	2.3	10
3	C16-ceramide is a natural regulatory ligand of p53 in cellular stress response. Nature Communications, 2018, 9, 4149.	12.8	76
4	Modeling of interactions between functional domains of ALDH1L1. Chemico-Biological Interactions, 2017, 276, 23-30.	4.0	5
5	Yin Yang 1 promotes mTORC2-mediated AKT phosphorylation. Journal of Molecular Cell Biology, 2016, 8, 232-243.	3.3	29
6	The highâ€•molecularâ€•weight kininogen <scp>Domain</scp> 5 is an intrinsically unstructured protein and its interaction with ferritin is metal mediated. Protein Science, 2014, 23, 1013-1022.	7.6	3
7	Site-Specific DNAâ€“Doxorubicin Conjugates Display Enhanced Cytotoxicity to Breast Cancer Cells. Bioconjugate Chemistry, 2014, 25, 406-413.	3.6	20
8	Cooperative stabilization of Zn²⁺: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
9	Longitudinal ¹H 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
10	PROBING Î±IIbÎ²3: LIGAND INTERACTIONS BY DYNAMIC FORCE SPECTROSCOPY AND SURFACE PLASMON RESONANCE. Nano LIFE, 2013, 03, 1340005.	0.9	5
11	Complexes of Vesicular Stomatitis Virus Matrix Protein with Host Rae1 and Nup98 Involved in Inhibition of Host Transcription. PLoS Pathogens, 2012, 8, e1002929.	4.7	61
12	The NOXO1Î² 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
13	15-Lipoxygenase Metabolites of Docosahexaenoic Acid Inhibit Prostate Cancer Cell Proliferation and Survival. PLoS ONE, 2012, 7, e45480.	2.5	34
14	Nondegradative Ubiquitination of Apoptosis Inducing Factor (AIF) by X-Linked Inhibitor of Apoptosis at a Residue Critical for AIF-Mediated Chromatin Degradation. Biochemistry, 2011, 50, 11084-11096.	2.5	33
15	Zn2+ selectively stabilizes FdU-substituted DNA through a unique major groove binding motif. Nucleic Acids Research, 2011, 39, 4490-4498.	14.5	18
16	Backbone 1H, 15N, and 13C resonance assignments for the NOXO1Î² PX domain. Biomolecular NMR Assignments, 2011, 5, 139-141.	0.8	1
17	Integrin Conformational Regulation: Uncoupling Extension/Tail Separation from Changes in the Head Region by a Multiresolution Approach. Structure, 2008, 16, 954-964.	3.3	32
18	Mutations in the PXâ^'SH3A Linker of p47phox Decouple PI(3,4)P2 Binding from NADPH Oxidase Activation. Biochemistry, 2008, 47, 8855-8865.	2.5	11

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19	Entropy Drives Integrin Î±IIbÎ²3:Echistatin Bindingâ€"Evidence from Surface Plasmon Resonance Spectroscopy. Biochemistry, 2008, 47, 2884-2892.	2.5	13
20	Integrin Î±IIbÎ²3:ligand interactions are linked to binding-site remodeling. Protein Science, 2006, 15, 1893-1906.	7.6	25
21	Attack of the Killer Tomato Pathogens. Structure, 2004, 12, 1122-1123.	3.3	0
22	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
23	Improving the Accuracy of NMR Structures of Large Proteins Using Pseudocontact Shifts as Long-Range Restraints. Journal of Biomolecular NMR, 2004, 28, 205-212.	2.8	76
24	The Disintegrin Echistatin Stabilizes Integrin Î±IIbÎ²3's Open Conformation and Promotes Its Oligomerization. Journal of Molecular Biology, 2004, 342, 1625-1636.	4.2	28
25	Solution structure and functional analysis of the cysteine-rich C1 domain of kinase suppressor of ras (KSR). Journal of Molecular Biology, 2002, 315, 435-446.	4.2	83
26	Solution structure, domain features, and structural implications of mutants of the chromo domain from the fission yeast histone methyltransferase clr411Edited by P. E. Wright. Journal of Molecular Biology, 2001, 307, 861-870.	4.2	18
27	Solution structure of interleukin-13 and insights into receptor engagement11Edited by P. E. Wright. Journal of Molecular Biology, 2001, 310, 231-241.	4.2	38
28	Secondary structure and backbone resonance assignments for human interleukin-13. Journal of Biomolecular NMR, 2001, 19, 93-94.	2.8	5
29	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
30	Implications of SH3 Domain Structure and Dynamics For Protein Regulation and Drug Design. Cell Biochemistry and Biophysics, 2001, 35, 127-140.	1.8	35
31	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
32	The structure of the transcriptional antiterminator NusB from Escherichia coli. Nature Structural Biology, 2000, 7, 470-474.	9.7	21
33	Dynamics of the Hckâ€SH3 domain: Comparison of experiment with multiple molecular dynamics simulations. Protein Science, 2000, 9, 95-103.	7.6	20
34	An NMR Experiment for Measuring Methylâ^'Methyl NOEs in13C-Labeled Proteins with High Resolution. Journal of the American Chemical Society, 1998, 120, 7617-7625.	13.7	86
35	Solution structure of the human Hck SH3 domain and identification of its ligand binding site. Journal of Molecular Biology, 1998, 278, 253-265.	4.2	31
36	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

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37	Picosecond dynamics of simple monosaccharides as probed by NMR and molecular dynamics simulations. Journal of the American Chemical Society, 1993, 115, 9196-9201.	13.7	87