

David W Hoffman

List of Publications by Year in descending order

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474
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687363

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839539

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all docs

19
docs citations

19
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Ribosomal protein S17: Characterization of the three-dimensional structure by proton and nitrogen-15 NMR. <i>Biochemistry</i> , 1993, 32, 12812-12820.	2.5	73
2	Structure of the Autoregulatory Pseudoknot within the Gene 32 Messenger RNA of Bacteriophages T2 and T6: A Model for a Possible Family of Structurally Related RNA Pseudoknots. <i>Biochemistry</i> , 1996, 35, 4187-4198.	2.5	59
3	The Crystal Structure of the N-terminal Region of the Alpha Subunit of Translation Initiation Factor 2 (eIF2 α) from <i>Saccharomyces cerevisiae</i> Provides a View of the Loop Containing Serine 51, the Target of the eIF2 α -specific Kinases. <i>Journal of Molecular Biology</i> , 2003, 334, 187-195.	4.2	49
4	An NMR and Mutational Study of the Pseudoknot Within the Gene 32 mRNA of Bacteriophage T2: Insights into a Family of Structurally Related RNA Pseudoknots. <i>Nucleic Acids Research</i> , 1997, 25, 1130-1135.	14.5	37
5	An examination of coaxial stacking of helical stems in a pseudoknot motif: The gene 32 messenger RNA pseudoknot of bacteriophage T2. <i>Rna</i> , 1999, 5, 257-271.	3.5	37
6	A Conserved Structural Motif at the N Terminus of Bacterial Translation Initiation Factor IF2. <i>Journal of Biological Chemistry</i> , 2003, 278, 16320-16328.	3.4	32
7	The stability and dynamics of ribosomal protein L9: investigations of a molecular strut by amide proton exchange and circular dichroism 1 Edited by K. Nagai. <i>Journal of Molecular Biology</i> , 1997, 268, 482-493.	4.2	23
8	Structure of the β Subunit of Translation Initiation Factor 2 from the Archaeon <i>Methanococcus jannaschii</i> : A Representative of the eIF2 β /eIF5 Family of Proteins. <i>Biochemistry</i> , 2002, 41, 5730-5742.	2.5	23
9	Solution Structure of a Conserved Domain of Antizyme: A Protein Regulator of Polyamines. <i>Biochemistry</i> , 2005, 44, 11777-11785.	2.5	22
10	The N-terminal domain (IF2N) of bacterial translation initiation factor IF2 is connected to the conserved C-terminal domains by a flexible linker. <i>Protein Science</i> , 2004, 13, 230-239.	7.6	21
11	NMR analysis of the trans-activation response (TAR) RNA element of equine infectious anemia virus. <i>Nucleic Acids Research</i> , 1995, 23, 4058-4065.	14.5	20
12	Position-Specific Carbon Stable Isotope Ratios by Proton NMR Spectroscopy. <i>Analytical Chemistry</i> , 2019, 91, 15661-15669.	6.5	15
13	Switching nucleic acids for antibodies. <i>Nature Biotechnology</i> , 2001, 19, 313-314.	17.5	14
14	An investigation of the dynamics of ribosomal protein L9 using heteronuclear NMR relaxation measurements. <i>Journal of Molecular Biology</i> , 1998, 281, 539-551.	4.2	11
15	Structure and dynamics of translation initiation factor α 1A from the archaeon <i>Methanococcus jannaschii</i> determined by NMR spectroscopy. <i>Protein Science</i> , 2001, 10, 2426-2438.	7.6	11
16	Absolute Carbon Stable Isotope Ratio in the Vienna Peedee Belemnite Isotope Reference Determined by ^1H NMR Spectroscopy. <i>Analytical Chemistry</i> , 2022, 94, 5240-5247.	6.5	11
17	Intramolecular distribution of $^{13}\text{C}/^{12}\text{C}$ isotopes in amino acids of diverse origins. <i>Amino Acids</i> , 2020, 52, 955-964.	2.7	7
18	NMR Structure of the C-Terminal Domain of a Tyrosyl-tRNA Synthetase That Functions in Group I Intron Splicing. <i>Biochemistry</i> , 2011, 50, 3816-3826.	2.5	5

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19	Resolution of the ^1H - ^1H NOE spectrum of RNA into three dimensions using ^{15}N - ^1H two-bond couplings. , 2000, 16, 165-169.		4