David W Hoffman

List of Publications by Year
in descending order

19	474	687363 13	839539 18
papers	citations	h-index	g-index

19	19	19	460
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Absolute Carbon Stable Isotope Ratio in the Vienna Peedee Belemnite Isotope Reference Determined by ¹H NMR Spectroscopy. Analytical Chemistry, 2022, 94, 5240-5247.	6.5	11
2	Intramolecular distribution of 13C/12C isotopes in amino acids of diverse origins. Amino Acids, 2020, 52, 955-964.	2.7	7
3	Position-Specific Carbon Stable Isotope Ratios by Proton NMR Spectroscopy. Analytical Chemistry, 2019, 91, 15661-15669.	6.5	15
4	NMR Structure of the C-Terminal Domain of a Tyrosyl-tRNA Synthetase That Functions in Group I Intron Splicing. Biochemistry, 2011, 50, 3816-3826.	2.5	5
5	Solution Structure of a Conserved Domain of Antizyme:â€‰ A Protein Regulator of Polyamines,. Biochemistry, 2005, 44, 11777-11785.	2.5	22
6	The N-terminal domain (IF2N) of bacterial translation initiation factor IF2 is connected to the conserved C-terminal domains by a flexible linker. Protein Science, 2004, 13, 230-239.	7.6	21
7	The Crystal Structure of the N-terminal Region of the Alpha Subunit of Translation Initiation Factor 2 (eIF2Î±) from Saccharomyces cerevisiae Provides a View of the Loop Containing Serine 51, the Target of the eIF2Î±-specific Kinases. Journal of Molecular Biology, 2003, 334, 187-195.	4.2	49
8	A Conserved Structural Motif at the N Terminus of Bacterial Translation Initiation Factor IF2. Journal of Biological Chemistry, 2003, 278, 16320-16328.	3.4	32
9	Structure of the Î² Subunit of Translation Initiation Factor 2 from the ArchaeonMethanococcus jannaschii:Â A Representative of the eIF2Î²/eIF5 Family of Proteinsâ€,â€¡. Biochemistry, 2002, 41, 5730-5742.	2.5	23
10	Switching nucleic acids for antibodies. Nature Biotechnology, 2001, 19, 313-314.	17.5	14
11	Structure and dynamics of translation initiation factor aIFâ€1A from the archaeon Methanococcus jannaschii determined by NMR spectroscopy. Protein Science, 2001, 10, 2426-2438.	7.6	11
12	Resolution of the 1H-1H NOE spectrum of RNA into three dimensions using 15N-1H two-bond couplings. , 2000, 16, 165-169.		4
13	An examination of coaxial stacking of helical stems in a pseudoknot motif: The gene 32 messenger RNA pseudoknot of bacteriophage T2. Rna, 1999, 5, 257-271.	3.5	37
14	An investigation of the dynamics of ribosomal protein L9 using heteronuclear NMR relaxation measurements. Journal of Molecular Biology, 1998, 281, 539-551.	4.2	11
15	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. Nucleic Acids Research, 1997, 25, 1130-1135.	14.5	37
16	The stability and dynamics of ribosomal protein L9: investigations of a molecular strut by amide proton exchange and circular dichroism 1 1Edited by K. Nagai. Journal of Molecular Biology, 1997, 268, 482-493.	4.2	23
17	Structure of the Autoregulatory Pseudoknot within the Gene32Messenger RNA of Bacteriophages T2 and T6:Â A Model for a Possible Family of Structurally Related RNA Pseudoknotsâ€. Biochemistry, 1996, 35, 4187-4198.	2.5	59
18	NMR analysis of thetrans-activation response (TAR) RNA element of equine infectious anemia virus. Nucleic Acids Research, 1995, 23, 4058-4065.	14.5	20

#	Article	IF	Citations
19	Ribosomal protein S17: Characterization of the three-dimensional structure by proton and nitrogen-15 NMR. Biochemistry, 1993, 32, 12812-12820.	2.5	73