

# Marlon N Manalo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10608285/publications.pdf>

Version: 2024-02-01

8  
papers

142  
citations

1307594

7  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deuterium isotope effects on $^{15}\text{N}$ backbone chemical shifts in proteins. <i>Journal of Biomolecular NMR</i> , 2009, 44, 119-126.	2.8	26
2	Hydrogen-Bonding and $\pi$ - $\pi$ Base-Stacking Interactions Are Coupled in DNA, As Suggested by Calculated and Experimental Trans-Hbond Deuterium Isotope Shifts. <i>Journal of the American Chemical Society</i> , 2007, 129, 11298-11299.	13.7	32
3	Sensitivity of hydrogen bonds of DNA and RNA to hydration, as gauged by $1\text{ J NH}$ measurements in ethanol-water mixtures. <i>Journal of Biomolecular NMR</i> , 2007, 37, 257-263.	2.8	6
4	Computational and Empirical Trans-hydrogen Bond Deuterium Isotope Shifts Suggest that $\text{N1} \approx \text{N3 A:U}$ Hydrogen Bonds of RNA are Shorter than those of A:T Hydrogen Bonds of DNA. <i>Journal of Biomolecular NMR</i> , 2006, 34, 229-236.	2.8	13
5	JNH Values Show that $\text{N1} \approx \text{N3}$ Hydrogen Bonds Are Stronger in dsRNA A:U than dsDNA A:T Base Pairs. <i>Journal of the American Chemical Society</i> , 2005, 127, 17974-17975.	13.7	19
6	Anab initio study of solvent polarity and hydrogen bonding effects on the nitrogen NMR shieldings of N,N-dimethylacetamide. <i>Magnetic Resonance in Chemistry</i> , 2002, 40, 781-785.	1.9	8
7	$^{13}\text{C}$ Chemical Shielding Tensors in Ampicillin and Penicillin-V: A Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2000, 104, 5837-5842.	2.5	10
8	Solvent Effects on $^{15}\text{N}$ NMR Shielding of 1,2,4,5-Tetrazine and Isomeric Tetrazoles: Continuous Set Gauge Transformation Calculation Using the Polarizable Continuum Model. <i>Journal of Physical Chemistry A</i> , 2000, 104, 9600-9604.	2.5	28