

Nicholas A Miller

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Experimental and Theoretical Characterization of Ultrafast Water-Soluble Photochromic Photoacids. <i>Journal of Physical Chemistry B</i> , 2021, 125, 4120-4131.	2.6	11
2	Ultrafast XANES Monitors Femtosecond Sequential Structural Evolution in Photoexcited Coenzyme B ₁₂ . <i>Journal of Physical Chemistry B</i> , 2020, 124, 199-209.	2.6	17
3	Ultrafast Excited State Dynamics and Fluorescence from Vitamin B ₁₂ and Organometallic [Co]â€“Câ€“R Cobalamins. <i>Journal of Physical Chemistry B</i> , 2020, 124, 6651-6656.	2.6	7
4	Exceptional Photochemical Stability of the Coâ€“C Bond of Alkynyl Cobalamins, Potential Antivitamins B ₁₂ and Core Elements of B ₁₂ -Based Biological Vectors. <i>Inorganic Chemistry</i> , 2020, 59, 6422-6431.	4.0	9
5	The Photoactive Excited State of the B ₁₂ -Based Photoreceptor CarH. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10732-10738.	2.6	25
6	Probing the Excited State of Methylcobalamin Using Polarized Time-Resolved X-ray Absorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2019, 123, 6042-6048.	2.6	12
7	Antivitamins B ₁₂ in a Microdrop: The Excited-State Structure of a Precious Sample Using Transient Polarized X-ray Absorption Near-Edge Structure. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5484-5489.	4.6	10
8	Primed for Efficient Motion: Ultrafast Excited State Dynamics and Optical Manipulation of a Four Stage Rotary Molecular Motor. <i>Journal of Physical Chemistry A</i> , 2018, 122, 7548-7558.	2.5	13
9	Ultrafast X-ray Absorption Near Edge Structure Reveals Ballistic Excited State Structural Dynamics. <i>Journal of Physical Chemistry A</i> , 2018, 122, 4963-4971.	2.5	34
10	Off to the Races: Comparison of Excited State Dynamics in Vitamin B ₁₂ Derivatives Hydroxocobalamin and Aquocobalamin. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6693-6703.	2.5	12
11	Polarized XANES Monitors Femtosecond Structural Evolution of Photoexcited Vitamin B ₁₂ . <i>Journal of the American Chemical Society</i> , 2017, 139, 1894-1899.	13.7	64
12	Toward the Design of Photoresponsive Conditional Antivitamins B ₁₂ : A Transient Absorption Study of an Arylcobalamin and an Alkynylcobalamin. <i>Journal of the American Chemical Society</i> , 2016, 138, 14250-14256.	13.7	33
13	Photostability of Hydroxocobalamin: Ultrafast Excited State Dynamics and Computational Studies. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 143-147.	4.6	23
14	Excited electronic states and internal conversion in cyanocobalamin. <i>Chinese Chemical Letters</i> , 2015, 26, 439-443.	9.0	19