

# Nicholas A Miller

## List of Publications by Year in descending order

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14  
papers

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citations

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docs citations

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times ranked

359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarized XANES Monitors Femtosecond Structural Evolution of Photoexcited Vitamin B <sub>12</sub> . <i>Journal of the American Chemical Society</i> , 2017, 139, 1894-1899.	13.7	64
2	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
3	Toward the Design of Photoresponsive Conditional Antivitamins B <sub>12</sub> : 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
4	The Photoactive Excited State of the B <sub>12</sub> -Based Photoreceptor CarH. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10732-10738.	2.6	25
5	Photostability of Hydroxocobalamin: Ultrafast Excited State Dynamics and Computational Studies. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 143-147.	4.6	23
6	Excited electronic states and internal conversion in cyanocobalamin. <i>Chinese Chemical Letters</i> , 2015, 26, 439-443.	9.0	19
7	Ultrafast XANES Monitors Femtosecond Sequential Structural Evolution in Photoexcited Coenzyme B <sub>12</sub> . <i>Journal of Physical Chemistry B</i> , 2020, 124, 199-209.	2.6	17
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	Off to the Races: Comparison of Excited State Dynamics in Vitamin B <sub>12</sub> Derivatives Hydroxocobalamin and Aquocobalamin. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6693-6703.	2.5	12
10	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
11	Experimental and Theoretical Characterization of Ultrafast Water-Soluble Photochromic Photoacids. <i>Journal of Physical Chemistry B</i> , 2021, 125, 4120-4131.	2.6	11
12	Antivitamins B <sub>12</sub> 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
13	Exceptional Photochemical Stability of the Co-C Bond of Alkynyl Cobalamins, Potential Antivitamins B <sub>12</sub> and Core Elements of B <sub>12</sub> -Based Biological Vectors. <i>Inorganic Chemistry</i> , 2020, 59, 6422-6431.	4.0	9
14	Ultrafast Excited State Dynamics and Fluorescence from Vitamin B <sub>12</sub> and Organometallic [Co] Cobalamins. <i>Journal of Physical Chemistry B</i> , 2020, 124, 6651-6656.	2.6	7