

# Kristen M Vogelhuber

## List of Publications by Year in descending order

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20  
papers

417  
citations

759233

12  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

523  
citing authors

#	ARTICLE	IF	CITATIONS
1	General methods for the characterization of the nonuniformity of a radiometric calibration source. <i>Applied Optics</i> , 2019, 58, 4918.	1.8	2
2	Theoretical and Experimental Insights into the Dissociation of 2-Hydroxyethylhydrazinium Nitrate Clusters Formed via Electrospray. <i>Journal of Physical Chemistry A</i> , 2018, 122, 1960-1966.	2.5	19
3	Theoretical Investigation of the Reactivity of Sodium Dicyanamide with Nitric Acid. <i>Journal of Physical Chemistry A</i> , 2018, 122, 1954-1959.	2.5	8
4	Hydroxyl Radical Fluorescence and Quantum Yield Following Lyman- $\alpha$ Photoexcitation of Water Vapor in a Room Temperature Cell and Cooled in a Supersonic Expansion. <i>Journal of Physical Chemistry A</i> , 2018, 122, 5602-5609.	2.5	2
5	Identification of multiple conformers of the ionic liquid [emim][tf2n] in the gas phase using IR/UV action spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 17037-17043.	2.8	19
6	Ground and low-lying excited states of propadienylidene ( $H_2C=C=C:$ ) obtained by negative ion photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , 2012, 136, 134312.	3.0	18
7	C-H Bond Strengths and Acidities in Aromatic Systems: Effects of Nitrogen Incorporation in Mono-, Di-, and Triazines. <i>Journal of the American Chemical Society</i> , 2012, 134, 6584-6595.	13.7	29
8	Photoelectron Spectroscopy of Anilide and Acidity of Aniline. <i>Journal of Physical Chemistry A</i> , 2012, 116, 3118-3123.	2.5	7
9	Gas Phase Reactions of 1,3,5-Triazine: Proton Transfer, Hydride Transfer, and Anionic $\pi$ -Adduct Formation. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 1260-1272.	2.8	19
10	Photoelectron spectroscopy of $HC_4N^+$ . <i>Journal of Chemical Physics</i> , 2011, 135, 204307.	3.0	6
11	The C-H bond dissociation energy of furan: Photoelectron spectroscopy of the furanide anion. <i>Journal of Chemical Physics</i> , 2011, 134, 064302.	3.0	20
12	Photoelectron spectra of dihalomethyl anions: Testing the limits of normal mode analysis. <i>Journal of Chemical Physics</i> , 2011, 134, 184306.	3.0	11
13	The photoelectron spectrum of $CCl_2^+$ : the convergence of theory and experiment after a decade of debate. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 4745.	2.8	29
14	The vibronic level structure of the cyclopentadienyl radical. <i>Journal of Chemical Physics</i> , 2008, 129, 084310.	3.0	52
15	Vibrational Spectroscopy of Nitroalkane Chains Using Electron Autodetachment and Ar Predissociation. <i>Journal of Physical Chemistry A</i> , 2008, 112, 7498-7506.	2.5	37
16	Vibrational-Torsional Excitation and Direct Overtone Photodissociation of Ethyl Hydroperoxide at $5\frac{1}{2}$ $\langle OH \rangle$ . <i>Journal of Physical Chemistry A</i> , 2008, 112, 1238-1244.	2.5	8
17	Absorption and bleaching dynamics of initiator in thick photopolymer exposed to Gaussian illumination. <i>Proceedings of SPIE</i> , 2008, , .	0.8	2
18	Infrared spectroscopy of anionic hydrated fluorobenzenes. <i>Journal of Chemical Physics</i> , 2007, 127, 114311.	3.0	20

#	ARTICLE	IF	CITATIONS
19	Aromatic Molecules in Anion Recognition:Â Electrostatics versus H-Bonding. Journal of the American Chemical Society, 2007, 129, 13022-13026.	13.7	80
20	Effects of torsion on Oâ€H stretch overtone spectra and direct overtone photolysis of methyl hydroperoxide. Journal of Chemical Physics, 2005, 123, 234306.	3.0	26