

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	Aromatic Molecules in Anion Recognition: A Electrostatics versus H-Bonding. Journal of the American Chemical Society, 2007, 129, 13022-13026.	13.7	80
2	The vibronic level structure of the cyclopentadienyl radical. Journal of Chemical Physics, 2008, 129, 084310.	3.0	52
3	Vibrational Spectroscopy of Nitroalkane Chains Using Electron Autodetachment and Ar Predisociation. Journal of Physical Chemistry A, 2008, 112, 7498-7506.	2.5	37
4	The photoelectron spectrum of CCl ₂ ⁻ : the convergence of theory and experiment after a decade of debate. Physical Chemistry Chemical Physics, 2009, 11, 4745.	2.8	29
5	C-H Bond Strengths and Acidities in Aromatic Systems: Effects of Nitrogen Incorporation in Mono-, Di-, and Triazines. Journal of the American Chemical Society, 2012, 134, 6584-6595.	13.7	29
6	Effects of torsion on O-H stretch overtone spectra and direct overtone photolysis of methyl hydroperoxide. Journal of Chemical Physics, 2005, 123, 234306.	3.0	26
7	Infrared spectroscopy of anionic hydrated fluorobenzenes. Journal of Chemical Physics, 2007, 127, 114311.	3.0	20
8	The C-H bond dissociation energy of furan: Photoelectron spectroscopy of the furanide anion. Journal of Chemical Physics, 2011, 134, 064302.	3.0	20
9	Gas Phase Reactions of 1,3,5-Triazine: Proton Transfer, Hydride Transfer, and Anionic f-Adduct Formation. Journal of the American Society for Mass Spectrometry, 2011, 22, 1260-1272.	2.8	19
10	Identification of multiple conformers of the ionic liquid [emim][tf ₂ n] in the gas phase using IR/UV action spectroscopy. Physical Chemistry Chemical Physics, 2016, 18, 17037-17043.	2.8	19
11	Theoretical and Experimental Insights into the Dissociation of 2-Hydroxyethylhydrazinium Nitrate Clusters Formed via Electrospray. Journal of Physical Chemistry A, 2018, 122, 1960-1966.	2.5	19
12	Ground and low-lying excited states of propadienylidene (H ₂ C=C=C:) obtained by negative ion photoelectron spectroscopy. Journal of Chemical Physics, 2012, 136, 134312.	3.0	18
13	Photoelectron spectra of dihalomethyl anions: Testing the limits of normal mode analysis. Journal of Chemical Physics, 2011, 134, 184306.	3.0	11
14	Vibrational Torsional Excitation and Direct Overtone Photodissociation of Ethyl Hydroperoxide at 5½ _{OH} . Journal of Physical Chemistry A, 2008, 112, 1238-1244.	2.5	8
15	Theoretical Investigation of the Reactivity of Sodium Dicyanamide with Nitric Acid. Journal of Physical Chemistry A, 2018, 122, 1954-1959.	2.5	8
16	Photoelectron Spectroscopy of Anilide and Acidity of Aniline. Journal of Physical Chemistry A, 2012, 116, 3118-3123.	2.5	7
17	Photoelectron spectroscopy of HC ₄ N ⁻ . Journal of Chemical Physics, 2011, 135, 204307.	3.0	6
18	Absorption and bleaching dynamics of initiator in thick photopolymer exposed to Gaussian illumination. Proceedings of SPIE, 2008, , .	0.8	2

#	ARTICLE	IF	CITATIONS
19	Hydroxyl Radical Fluorescence and Quantum Yield Following Lyman- α 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
20	General methods for the characterization of the nonuniformity of a radiometric calibration source. <i>Applied Optics</i> , 2019, 58, 4918.	1.8	2