

# Keith T Kuwata

## List of Publications by Year in descending order

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19  
papers

1,003  
citations

516710

16  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

953  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Chemical and Statistical Rate Theory Studies of the Vinyl Hydroperoxides Formed in <i>trans</i> -2-Butene and 2,3-Dimethyl-2-butene Ozonolysis. <i>Journal of Physical Chemistry A</i> , 2018, 122, 2485-2502.	2.5	24
2	Drug-Excipient Interactions: Effect on Molecular Mobility and Physical Stability of Ketoconazole in Organic Acid Coamorphous Systems. <i>Molecular Pharmaceutics</i> , 2018, 15, 1052-1061.	4.6	81
3	Synthesis of Ethers via Reaction of Carbanions and Monoperoxyacetals. <i>Journal of Organic Chemistry</i> , 2015, 80, 12100-12114.	3.2	47
4	Mechanism of the Intramolecular Hexahydro-Diels-Alder Reaction. <i>Journal of Organic Chemistry</i> , 2015, 80, 11744-11754.	3.2	49
5	A Computational Re-examination of the Criegee Intermediate-Sulfur Dioxide Reaction. <i>Journal of Physical Chemistry A</i> , 2015, 119, 10316-10335.	2.5	60
6	Measurement of the Compressibility Factor of Gases: A Physical Chemistry Laboratory Experiment. <i>Journal of Chemical Education</i> , 2011, 88, 1166-1169.	2.3	6
7	Quantum chemical and RRKM/master equation studies of cyclopropene ozonolysis. <i>Computational and Theoretical Chemistry</i> , 2011, 965, 305-312.	2.5	13
8	Computational Studies of the Isomerization and Hydration Reactions of Acetaldehyde Oxide and Methyl Vinyl Carbonyl Oxide. <i>Journal of Physical Chemistry A</i> , 2010, 114, 9192-9204.	2.5	117
9	Quantum chemical and RRKM/master equation studies of isoprene ozonolysis: Methacrolein and methacrolein oxide. <i>Chemical Physics Letters</i> , 2008, 451, 186-191.	2.6	37
10	Computational Studies of Intramolecular Hydrogen Atom Transfers in the $\dot{\text{I}}^2$ -Hydroxyethylperoxy and $\dot{\text{I}}^2$ -Hydroxyethoxy Radicals. <i>Journal of Physical Chemistry A</i> , 2007, 111, 5032-5042.	2.5	37
11	Theoretical studies of the reaction of hydroperoxy radicals (HO <sub>2</sub> ) with ethyl peroxy (CH <sub>3</sub> CH <sub>2</sub> O <sub>2</sub> ), acetyl peroxy (CH <sub>3</sub> C(O)O <sub>2</sub> ), and acetonyl peroxy (CH <sub>3</sub> C(O)CH <sub>2</sub> O <sub>2</sub> ) radicals. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 176, 218-230.	3.9	57
12	Quantum Chemical and Master Equation Simulations of the Oxidation and Isomerization of Vinyloxy Radicals. <i>Journal of Physical Chemistry A</i> , 2005, 109, 2514-2524.	2.5	43
13	Quantum Chemical and Master Equation Studies of the Methyl Vinyl Carbonyl Oxides Formed in Isoprene Ozonolysis. <i>Journal of Physical Chemistry A</i> , 2005, 109, 10710-10725.	2.5	56
14	Computational Studies of the Chemistry of Syn Acetaldehyde Oxide. <i>Journal of Physical Chemistry A</i> , 2003, 107, 11525-11532.	2.5	37
15	Reaction of Criegee Intermediates with Water Vapor: An Additional Source of OH Radicals in Alkene Ozonolysis?. <i>Journal of Physical Chemistry A</i> , 2003, 107, 6176-6182.	2.5	103
16	Production of stabilized Criegee intermediates and peroxides in the gas phase ozonolysis of alkenes: 2. Asymmetric and biogenic alkenes. <i>Journal of Geophysical Research</i> , 2001, 106, 34143-34153.	3.3	80
17	The Pressure Dependence of the OH Radical Yield from Ozone-Alkene Reactions. <i>Journal of Physical Chemistry A</i> , 2000, 104, 7821-7833.	2.5	89
18	OH Radical Yields from the Ozone Reaction with Cycloalkenes. <i>Journal of Physical Chemistry A</i> , 2000, 104, 7246-7254.	2.5	64

#	ARTICLE	IF	CITATIONS
19	Improved Computational Modeling of the Kinetics of the Acetylperoxy + HO <sub>2</sub> Reaction. Faraday Discussions, 0, , .	3.2	0