

# Kara M Kapnas

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

190  
citations

1683354

5  
h-index

1588620

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactions between Criegee Intermediates and the Inorganic Acids HCl and HNO <sub>3</sub> : Kinetics and Atmospheric Implications. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10419-10422.	7.2	82
2	High resolution absolute absorption cross sections of the B <sup>1</sup> ← X <sup>1</sup> transition of the CH <sub>2</sub> OO biradical. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 32539-32546.	1.3	42
3	Competing pathways in the near-UV photochemistry of acetaldehyde. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 14276-14288.	1.3	21
4	Dynamics and spectroscopy of CH <sub>2</sub> OO excited electronic states. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 10941-10946.	1.3	19
5	Reactions between Criegee Intermediates and the Inorganic Acids HCl and HNO <sub>3</sub> : Kinetics and Atmospheric Implications. <i>Angewandte Chemie</i> , 2016, 128, 10575-10578.	1.6	15
6	UV photofragmentation dynamics of acetaldehyde cations prepared by single-photon VUV ionization. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 14214-14225.	1.3	4
7	Mode-specific vibrational predissociation dynamics of (HCl) <sub>2</sub> via the free and bound HCl stretch overtones. <i>Journal of Chemical Physics</i> , 2020, 152, 194301.	1.2	4
8	UV photodissociation dynamics of CHI <sub>2</sub> Cl and its role as a photolytic precursor for a chlorinated Criegee intermediate. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 31039-31053.	1.3	3