

Joseph L Woo

List of Publications by Year in descending order

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12
papers

456
citations

1040056

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1281871

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all docs

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docs citations

16
times ranked

834
citing authors

#	ARTICLE	IF	CITATIONS
1	Aqueous-Phase Secondary Organic Aerosol and Organosulfate Formation in Atmospheric Aerosols: A Modeling Study. <i>Environmental Science & Technology</i> , 2012, 46, 8075-8081.	10.0	205
2	Inorganic salts interact with oxalic acid in submicron particles to form material with low hygroscopicity and volatility. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 5205-5215.	4.9	57
3	Aqueous aerosol SOA formation: impact on aerosol physical properties. <i>Faraday Discussions</i> , 2013, 165, 357.	3.2	49
4	simpleGAMMA v1.0 – a reduced model of secondary organic aerosol formation in the aqueous aerosol phase (aaSOA). <i>Geoscientific Model Development</i> , 2015, 8, 1821-1829.	3.6	35
5	Model Analysis of Secondary Organic Aerosol Formation by Glyoxal in Laboratory Studies: The Case for Photoenhanced Chemistry. <i>Environmental Science & Technology</i> , 2014, 48, 11919-11925.	10.0	32
6	Self-limited uptake of α -pinene oxide to acidic aerosol: the effects of liquid–liquid phase separation and implications for the formation of secondary organic aerosol and organosulfates from epoxides. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8255-8263.	4.9	31
7	Impact of Aerosol-Cloud Cycling on Aqueous Secondary Organic Aerosol Formation. <i>Atmosphere</i> , 2019, 10, 666.	2.3	17
8	<i>In Situ</i> Surface Tension Measurements of Hanging Droplet Methylglyoxal/Ammonium Sulfate Aerosol Mimics under Photooxidative Conditions. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 1208-1215.	2.7	9
9	Brown Carbon Formation Potential of the Biacetyl–Ammonium Sulfate Reaction System. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 1104-1113.	2.7	9
10	Competing Photochemical Effects in Aqueous Carbonyl/Ammonium Brown Carbon Systems. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 1902-1915.	2.7	6
11	Modeling of Carbonyl/Ammonium Sulfate Aqueous Brown Carbon Chemistry via UV/Vis Spectral Decomposition. <i>Atmosphere</i> , 2020, 11, 358.	2.3	4
12	Concept for an electrostatic focusing device for continuous ambient pressure aerosol concentration. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 3395-3402.	3.1	0