

Mary Alice Upshur

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Highly Oxygenated Multifunctional Compounds in α -Pinene Secondary Organic Aerosol. <i>Environmental Science & Technology</i> , 2017, 51, 5932-5940.	10.0	93
2	Observations of sesquiterpenes and their oxidation products in central Amazonia during the wet and dry seasons. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10433-10457.	4.9	53
3	Accurate Line Shapes from Sub-1 cm ⁻¹ Resolution Sum Frequency Generation Vibrational Spectroscopy of α -Pinene at Room Temperature. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1292-1302.	2.5	49
4	Cloud Activation Potentials for Atmospheric α -Pinene and β -Caryophyllene Ozonolysis Products. <i>ACS Central Science</i> , 2017, 3, 715-725.	11.3	40
5	Following Particle-Particle Mixing in Atmospheric Secondary Organic Aerosols by Using Isotopically Labeled Terpenes. <i>Chem</i> , 2018, 4, 318-333.	11.7	40
6	Cholesterol-Dependent Conformational Exchange of the C-Terminal Domain of the Influenza A M2 Protein. <i>Biochemistry</i> , 2015, 54, 7157-7167.	2.5	36
7	The effect of hydroxyl functional groups and molar mass on the viscosity of non-crystalline organic and organic-water particles. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 8509-8524.	4.9	35
8	Vibrational Mode Assignment of α -Pinene by Isotope Editing: One Down, Seventy-One To Go. <i>Journal of Physical Chemistry A</i> , 2016, 120, 2684-2690.	2.5	29
9	Sum Frequency Generation Spectroscopy and Molecular Dynamics Simulations Reveal a Rotationally Fluid Adsorption State of α -Pinene on Silica. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12578-12589.	3.1	29
10	On Surface Order and Disorder of α -Pinene-Derived Secondary Organic Material. <i>Journal of Physical Chemistry A</i> , 2015, 119, 4609-4617.	2.5	27
11	Observations of sesquiterpenes and their oxidation products in central Amazonia during the wet and dry seasons. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10433-10457.	4.9	22
12	Detection of drug-induced conformational change of a transmembrane protein in lipid bilayers using site-directed spin labeling. <i>Protein Science</i> , 2013, 22, 65-73.	7.6	19
13	Assessment of DFT for Computing Sum Frequency Generation Spectra of an Epoxydiol and a Deuterated Isotopologue at Fused Silica/Vapor Interfaces. <i>Journal of Physical Chemistry B</i> , 2016, 120, 1919-1927.	2.6	17
14	Unanticipated Stickiness of α -Pinene. <i>Journal of Physical Chemistry A</i> , 2017, 121, 3239-3246.	2.5	14
15	Atmospheric β -Caryophyllene-Derived Ozonolysis Products at Interfaces. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 158-169.	2.7	10
16	Orientations of nonlocal vibrational modes from combined experimental and theoretical sum frequency spectroscopy. <i>Chemical Physics Letters</i> , 2017, 683, 199-204.	2.6	8
17	Synthesis and surface spectroscopy of α -pinene isotopologues and their corresponding secondary organic material. <i>Chemical Science</i> , 2019, 10, 8390-8398.	7.4	8