

# Sarah R Suda

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

675  
citations

758635

12  
h-index

887659

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Functional Groups on Organic Aerosol Cloud Condensation Nucleus Activity. <i>Environmental Science &amp; Technology</i> , 2014, 48, 10182-10190.	4.6	99
2	The Fifth International Workshop on Ice Nucleation phase 2 (FIN-02): laboratory intercomparison of ice nucleation measurements. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 6231-6257.	1.2	82
3	Surfactant effect on cloud condensation nuclei for two-component internally mixed aerosols. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1878-1895.	1.2	79
4	Trends in particle-phase liquid water during the Southern Oxidant and Aerosol Study. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 10911-10930.	1.9	75
5	Temperature- and Humidity-Dependent Phase States of Secondary Organic Aerosols. <i>Geophysical Research Letters</i> , 2019, 46, 1005-1013.	1.5	53
6	Hygroscopicity frequency distributions of secondary organic aerosols. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	44
7	Accurate Determination of Aerosol Activity Coefficients at Relative Humidities up to 99% Using the Hygroscopicity Tandem Differential Mobility Analyzer Technique. <i>Aerosol Science and Technology</i> , 2013, 47, 991-1000.	1.5	43
8	<i>In Vitro</i> Toxicity and Chemical Characterization of Aerosol Derived from Electronic Cigarette Humectants Using a Newly Developed Exposure System. <i>Chemical Research in Toxicology</i> , 2020, 33, 1677-1688.	1.7	39
9	Amorphous phase state diagrams and viscosity of ternary aqueous organic/organic and inorganic/organic mixtures. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 15086-15097.	1.3	37
10	Hygroscopicity of Organic Compounds as a Function of Carbon Chain Length and Carboxyl, Hydroperoxy, and Carbonyl Functional Groups. <i>Journal of Physical Chemistry A</i> , 2017, 121, 5164-5174.	1.1	21
11	Hygroscopic growth and cloud droplet activation of xanthan gum as a proxy for marine hydrogels. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 11,803.	1.2	18
12	Volatility Change during Droplet Evaporation of Pyruvic Acid. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 741-749.	1.2	12
13	Characterization of a dimer preparation method for nanoscale organic aerosol. <i>Aerosol Science and Technology</i> , 2019, 53, 998-1011.	1.5	9
14	Constraints on the Role of Laplace Pressure in Multiphase Reactions and Viscosity of Organic Aerosols. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
15	Droplet activation of wet particles: development of the Wet CCN approach. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 2227-2241.	1.2	5
16	Organosulfates from Dark Aqueous Reactions of Isoprene-Derived Epoxydiols Under Cloud and Fog Conditions: Kinetics, Mechanism, and Effect of Reaction Environment on Regioselectivity of Sulfate Addition. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 474-486.	1.2	5
17	The role of dynamic surface tension in cloud droplet activation. , 2013, , .		3