

Joshua A Sebree

List of Publications by Year in descending order

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19
papers

416
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687363

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19
docs citations

19
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Monoxide Affecting Planetary Atmospheric Chemistry. <i>Astrophysical Journal Letters</i> , 2017, 841, L31.	8.3	68
2	THE INFLUENCE OF BENZENE AS A TRACE REACTANT IN TITAN AEROSOL ANALOGS. <i>Astrophysical Journal Letters</i> , 2013, 766, L4.	8.3	36
3	Spectroscopic and Thermochemical Consequences of Site-Specific H-Atom Addition to Naphthalene. <i>Journal of Physical Chemistry A</i> , 2010, 114, 6255-6262.	2.5	35
4	Chemistry of Temperate Super-Earth and Mini-Neptune Atmospheric Hazes from Laboratory Experiments. <i>Planetary Science Journal</i> , 2020, 1, 17.	3.6	34
5	¹³ C and ¹⁵ N fractionation of CH ₄ /N ₂ mixtures during photochemical aerosol formation: Relevance to Titan. <i>Icarus</i> , 2016, 270, 421-428.	2.5	31
6	Titan aerosol analog absorption features produced from aromatics in the far infrared. <i>Icarus</i> , 2014, 236, 146-152.	2.5	28
7	Spectroscopy and ionization thresholds of ĩ€-isoelectronic 1-phenylallyl and benzylallyl resonance stabilized radicals. <i>Chemical Science</i> , 2011, 2, 1746.	7.4	27
8	Influence of trace aromatics on the chemical growth mechanisms of Titan aerosol analogues. <i>Planetary and Space Science</i> , 2017, 140, 27-34.	1.7	27
9	Detection of Prebiotic Molecules in Plasma and Photochemical Aerosol Analogs Using GC/MS/MS Techniques. <i>Astrophysical Journal</i> , 2018, 865, 133.	4.5	25
10	Isomer specific spectroscopy of C ₁₀ H _n , n = 8-12: Exploring pathways to naphthalene in Titan's atmosphere. <i>Faraday Discussions</i> , 2010, 147, 231.	3.2	23
11	Structure and Dynamics of Phthalocyanine-Argon(n= 1-4) Complexes Studied in Helium Nanodroplets. <i>Journal of Physical Chemistry A</i> , 2007, 111, 7576-7584.	2.5	20
12	Photochemistry of Benzylallene: Ring-Closing Reactions to Form Naphthalene. <i>Journal of the American Chemical Society</i> , 2012, 134, 1153-1163.	13.7	16
13	The excited states and vibronic spectroscopy of diphenyldiacetylene and diphenylvinylacetylene. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 173-183.	2.8	13
14	The effect of adsorbed liquid and material density on saltation threshold: Insight from laboratory and wind tunnel experiments. <i>Icarus</i> , 2017, 297, 97-109.	2.5	10
15	Spectroscopic characterization of structural isomers of naphthalene: 1-Phenyl-1-butyne-3-ene. <i>Journal of Molecular Spectroscopy</i> , 2011, 270, 98-107.	1.2	6
16	A Cross-laboratory Comparison Study of Titan Haze Analogs: Surface Energy. <i>Planetary Science Journal</i> , 2022, 3, 2.	3.6	6
17	Environmental temperature effect on the far-infrared absorption features of aromatic-based Titan's aerosol analogs. <i>Icarus</i> , 2017, 281, 338-341.	2.5	4
18	Triton Haze Analogs: The Role of Carbon Monoxide in Haze Formation. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	4

#	ARTICLE	IF	CITATIONS
19	Variation in photon flux during extended photochemical aerosol experiments: Implications for atmospheric laboratory simulations. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 360, 1-5.	3.9	3