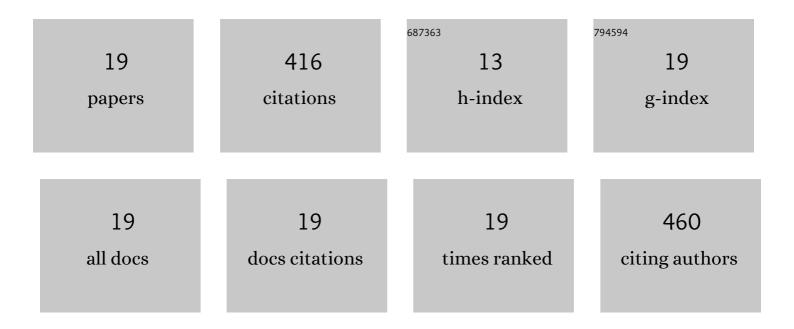
Joshua A Sebree

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2209166/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Carbon Monoxide Affecting Planetary Atmospheric Chemistry. Astrophysical Journal Letters, 2017, 841, L31.	8.3	68
2	THE INFLUENCE OF BENZENE AS A TRACE REACTANT IN TITAN AEROSOL ANALOGS. Astrophysical Journal Letters, 2013, 766, L4.	8.3	36
3	Spectroscopic and Thermochemical Consequences of Site-Specific H-Atom Addition to Naphthalene. Journal of Physical Chemistry A, 2010, 114, 6255-6262.	2.5	35
4	Chemistry of Temperate Super-Earth and Mini-Neptune Atmospheric Hazes from Laboratory Experiments. Planetary Science Journal, 2020, 1, 17.	3.6	34
5	13C and 15N fractionation of CH4/N2 mixtures during photochemical aerosol formation: Relevance to Titan. Icarus, 2016, 270, 421-428.	2.5	31
6	Titan aerosol analog absorption features produced from aromatics in the far infrared. Icarus, 2014, 236, 146-152.	2.5	28
7	Spectroscopy and ionization thresholds of π-isoelectronic 1-phenylallyl and benzylallenyl resonance stabilized radicals. Chemical Science, 2011, 2, 1746.	7.4	27
8	Influence of trace aromatics on the chemical growth mechanisms of Titan aerosol analogues. Planetary and Space Science, 2017, 140, 27-34.	1.7	27
9	Detection of Prebiotic Molecules in Plasma and Photochemical Aerosol Analogs Using GC/MS/MS Techniques. Astrophysical Journal, 2018, 865, 133.	4.5	25
10	lsomer specific spectroscopy of C10Hn, n = 8–12: Exploring pathways to naphthalene in Titan's atmosphere. Faraday Discussions, 2010, 147, 231.	3.2	23
11	Structure and Dynamics of Phthalocyanineâ~'Argonn(n= 1â~'4) Complexes Studied in Helium Nanodropletsâ€. Journal of Physical Chemistry A, 2007, 111, 7576-7584.	2.5	20
12	Photochemistry of Benzylallene: Ring-Closing Reactions to Form Naphthalene. Journal of the American Chemical Society, 2012, 134, 1153-1163.	13.7	16
13	The excited states and vibronic spectroscopy of diphenyldiacetylene and diphenylvinylacetylene. Physical Chemistry Chemical Physics, 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. Icarus, 2017, 297, 97-109.	2.5	10
15	Spectroscopic characterization of structural isomers of naphthalene: 1-Phenyl-1-butyn-3-ene. Journal of Molecular Spectroscopy, 2011, 270, 98-107.	1.2	6
16	A Cross-laboratory Comparison Study of Titan Haze Analogs: Surface Energy. Planetary Science Journal, 2022, 3, 2.	3.6	6
17	Environmental temperature effect on the far-infrared absorption features of aromatic-based Titan's aerosol analogs. Icarus, 2017, 281, 338-341.	2.5	4
18	Triton Haze Analogs: The Role of Carbon Monoxide in Haze Formation. Journal of Geophysical Research E: Planets, 2022, 127, .	3.6	4

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