

Eric T Parker

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

771
citations

687363

13
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1120
citing authors

#	ARTICLE	IF	CITATIONS
1	Primordial synthesis of amines and amino acids in a 1958 Miller H ₂ S-rich spark discharge experiment. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5526-5531.	7.1	232
2	A Plausible Simultaneous Synthesis of Amino Acids and Simple Peptides on the Primordial Earth. Angewandte Chemie - International Edition, 2014, 53, 8132-8136.	13.8	82
3	Prebiotic Synthesis of Methionine and Other Sulfur-Containing Organic Compounds on the Primitive Earth: A Contemporary Reassessment Based on an Unpublished 1958 Stanley Miller Experiment. Origins of Life and Evolution of Biospheres, 2011, 41, 201-212.	1.9	59
4	On the gas-particle partitioning of soluble organic aerosol in two urban atmospheres with contrasting emissions: 1. Bulk water-soluble organic carbon. Journal of Geophysical Research, 2012, 117, .	3.3	53
5	Extraterrestrial amino acids in the Almahata Sitta meteorite. Meteoritics and Planetary Science, 2010, 45, 1695-1709.	1.6	50
6	On the gas-particle partitioning of soluble organic aerosol in two urban atmospheres with contrasting emissions: 2. Gas and particle phase formic acid. Journal of Geophysical Research, 2012, 117, .	3.3	47
7	Extraterrestrial amino acids and enantiomeric excesses in the CM ₂ carbonaceous chondrites Aguas Zarcas and Murchison. Meteoritics and Planetary Science, 2021, 56, 148-173.	1.6	42
8	Abundant extraterrestrial amino acids in the primitive CM carbonaceous chondrite Asuka 12236. Meteoritics and Planetary Science, 2020, 55, 1979-2006.	1.6	38
9	Quantitation of hydroxy acids in complex prebiotic mixtures via liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 2043-2051.	1.5	34
10	Methodologies for Analyzing Soluble Organic Compounds in Extraterrestrial Samples: Amino Acids, Amines, Monocarboxylic Acids, Aldehydes, and Ketones. Life, 2019, 9, 47.	2.4	31
11	Analysis of amino acids, hydroxy acids, and amines in CR chondrites. Meteoritics and Planetary Science, 2020, 55, 2422-2439.	1.6	25
12	Enhanced Synthesis of Alkyl Amino Acids in Miller's 1958 H ₂ S Experiment. Origins of Life and Evolution of Biospheres, 2011, 41, 569-574.	1.9	18
13	Extraterrestrial organic compounds and cyanide in the CM ₂ carbonaceous chondrites Aguas Zarcas and Murchison. Meteoritics and Planetary Science, 2020, 55, 1509-1524.	1.6	11
14	Conducting Miller-Urey Experiments. Journal of Visualized Experiments, 2014, , e51039.	0.3	8
15	Non-protein amino acids identified in carbon-rich Hayabusa particles. Meteoritics and Planetary Science, 2022, 57, 776-793.	1.6	6
16	Extraterrestrial hydroxy amino acids in CM and CR carbonaceous chondrites. Meteoritics and Planetary Science, 2021, 56, 1005-1023.	1.6	4
17	A sensitive quantitative analysis of abiotically synthesized short homopeptides using ultraperformance liquid chromatography and time-of-flight mass spectrometry. Journal of Chromatography A, 2020, 1630, 461509.	3.7	3
18	Low total abundances and a predominance of non-protein amino acids in enstatite chondrites: Implications for thermal stability of amino acids in the inner solar system. Meteoritics and Planetary Science, 2021, 56, 2118.	1.6	1