Eric T Parker

List of Publications by Year
in descending order

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	Nonâ€protein amino acids identified in carbonâ€rich Hayabusa particles. Meteoritics and Planetary Science, 2022, 57, 776-793.	1.6	6
2	Extraterrestrial amino acids and Lâ€enantiomeric excesses in the <scp>CM</scp>2 carbonaceous chondrites Aguas Zarcas and Murchison. Meteoritics and Planetary Science, 2021, 56, 148-173.	1.6	42
3	Extraterrestrial hydroxy amino acids in CM and CR carbonaceous chondrites. Meteoritics and Planetary Science, 2021, 56, 1005-1023.	1.6	4
4	Low total abundances and a predominance of n â€‰â€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
5	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
6	Abundant extraterrestrial amino acids in the primitive CM carbonaceous chondrite Asuka 12236. Meteoritics and Planetary Science, 2020, 55, 1979-2006.	1.6	38
7	Extraterrestrial organic compounds and cyanide in the CM2 carbonaceous chondrites Aguas Zarcas and Murchison. Meteoritics and Planetary Science, 2020, 55, 1509-1524.	1.6	11
8	Analysis of amino acids, hydroxy acids, and amines in CR chondrites. Meteoritics and Planetary Science, 2020, 55, 2422-2439.	1.6	25
9	Methodologies for Analyzing Soluble Organic Compounds in Extraterrestrial Samples: Amino Acids, Amines, Monocarboxylic Acids, Aldehydes, and Ketones. Life, 2019, 9, 47.	2.4	31
10	Quantitation of Î±â€hydroxy acids in complex prebiotic mixtures via liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 2043-2051.	1.5	34
11	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
12	Conducting Miller-Urey Experiments. Journal of Visualized Experiments, 2014, , e51039.	0.3	8
13	On the gasâ€particle partitioning of soluble organic aerosol in two urban atmospheres with contrasting emissions: 1. Bulk waterâ€soluble organic carbon. Journal of Geophysical Research, 2012, 117, .	3.3	53
14	On the gasâ€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
15	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
16	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
17	Enhanced Synthesis of Alkyl Amino Acids in Millerâ€™s 1958 H2S Experiment. Origins of Life and Evolution of Biospheres, 2011, 41, 569-574.	1.9	18
18	Extraterrestrial amino acids in the Almahata Sitta meteorite. Meteoritics and Planetary Science, 2010, 45, 1695-1709.	1.6	50