Maheen Gull

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12176406/publications.pdf

Version: 2024-02-01

14	673	759233 12	1058476 14
papers	citations	h-index	g-index

14	14	14	599
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evidence for reactive reduced phosphorus species in the early Archean ocean. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10089-10094.	7.1	156
2	Darwin's Warm Little Pond: A Oneâ€Pot Reaction for Prebiotic Phosphorylation and the Mobilization of Phosphate from Minerals in a Ureaâ€Based Solvent. Angewandte Chemie - International Edition, 2016, 55, 13249-13253.	13.8	105
3	Nucleoside phosphorylation by the mineral schreibersite. Scientific Reports, 2015, 5, 17198.	3.3	82
4	Phosphorylation on the early earth. Chemical Geology, 2017, 475, 149-170.	3.3	80
5	Prebiotic Phosphate Ester Syntheses in a Deep Eutectic Solvent. Journal of Molecular Evolution, 2014, 78, 109-117.	1.8	61
6	Prebiotic Phosphorylation Reactions on the Early Earth. Challenges, 2014, 5, 193-212.	1.7	52
7	The evolution of the surface of the mineral schreibersite in prebiotic chemistry. Physical Chemistry Chemical Physics, 2016, 18, 20160-20167.	2.8	26
8	Is Struvite a Prebiotic Mineral?. Life, 2013, 3, 321-330.	2.4	25
9	Silicate-Promoted Phosphorylation of Glycerol in Non-Aqueous Solvents: A Prebiotically Plausible Route to Organophosphates. Life, 2017, 7, 29.	2.4	25
10	Darwin's Warm Little Pond: A Oneâ€Pot Reaction for Prebiotic Phosphorylation and the Mobilization of Phosphate from Minerals in a Ureaâ€Based Solvent. Angewandte Chemie, 2016, 128, 13443-13447.	2.0	17
11	Silicate-, Magnesium Ion-, and Urea-Induced Prebiotic Phosphorylation of Uridine via Pyrophosphate; Revisiting the Hot Drying Water Pool Scenario. Life, 2020, 10, 122.	2.4	15
12	The Role of Glycerol and Its Derivatives in the Biochemistry of Living Organisms, and Their Prebiotic Origin and Significance in the Evolution of Life. Catalysts, 2021, 11, 86.	3.5	14
13	Evolution of Ephemeral Phosphate Minerals on Planetary Environments. ACS Earth and Space Chemistry, 2021, 5, 1647-1656.	2.7	9
14	Catalytic Prebiotic Formation of Glycerol Phosphate Esters and an Estimation of Their Steady State Abundance under Plausible Early Earth Conditions. Catalysts, 2021, 11, 1384.	3.5	6