

Maheen Gull

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

673
citations

759233

12
h-index

1058476

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all docs

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docs citations

14
times ranked

599
citing authors

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