

Keyron Hickman-Lewis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1443859/publications.pdf>

Version: 2024-02-01

25
papers

581
citations

687363

13
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

694
citing authors

#	ARTICLE	IF	CITATIONS
1	A southern African perspective on the co-evolution of early life and environments. South African Journal of Geology, 2021, 124, 225-252.	1.2	3
2	Definition and use of functional analogues in planetary exploration. Planetary and Space Science, 2021, 197, 105162.	1.7	10
3	Perseverance rover reveals an ancient delta-lake system and flood deposits at Jezero crater, Mars. Science, 2021, 374, 711-717.	12.6	86
4	On biosignatures for Mars. International Journal of Astrobiology, 2021, 20, 377-393.	1.6	11
5	Geological appraisals of core samples using the ExoMars 2020 rover instrumentation. Planetary and Space Science, 2020, 180, 104743.	1.7	4
6	Diverse communities of Bacteria and Archaea flourished in Palaeoarchaeon (3.5–3.3 Ga) microbial mats. Palaeontology, 2020, 63, 1007-1033.	2.2	16
7	Nanoscale 3D quantitative imaging of 1.88 Ga Gunflint microfossils reveals novel insights into taphonomic and biogenic characters. Scientific Reports, 2020, 10, 8163.	3.3	18
8	Reconstructing Palaeoarchaeon microbial biomes flourishing in the presence of emergent landmasses using trace and rare earth element systematics. Precambrian Research, 2020, 342, 105689.	2.7	17
9	Metallomics in deep time and the influence of ocean chemistry on the metabolic landscapes of Earth's earliest ecosystems. Scientific Reports, 2020, 10, 4965.	3.3	31
10	Microbial Diversity and Biosignatures: An Icy Moons Perspective. Space Science Reviews, 2020, 216, 1.	8.1	14
11	Impact of Simulated Martian Conditions on (Facultatively) Anaerobic Bacterial Strains from Different Mars Analogue Sites. Current Issues in Molecular Biology, 2020, 38, 103-122.	2.4	12
12	Mechanistic Morphogenesis of Organo-Sedimentary Structures Growing Under Geochemically Stressed Conditions: Keystone to Proving the Biogenicity of Some Archaean Stromatolites?. Geosciences (Switzerland), 2019, 9, 359.	2.2	19
13	The Dallol Geothermal Area, Northern Afar (Ethiopia) – An Exceptional Planetary Field Analog on Earth. Astrobiology, 2019, 19, 553-578.	3.0	51
14	Extraterrestrial organic matter preserved in 3.33 Ga sediments from Barberton, South Africa. Geochimica Et Cosmochimica Acta, 2019, 258, 207-225.	3.9	21
15	Biosignatures in Deep Time. Advances in Astrobiology and Biogeophysics, 2019, , 145-164.	0.6	5
16	Traces of Early Life From the Barberton Greenstone Belt, South Africa. , 2019, , 1029-1058.		11
17	A Hydrothermal-Sedimentary Context for the Origin of Life. Astrobiology, 2018, 18, 259-293.	3.0	116
18	Most ancient evidence for life in the Barberton greenstone belt: Microbial mats and biofabrics of the 4.347 Ga Middle Marker horizon. Precambrian Research, 2018, 312, 45-67.	2.7	47

#	ARTICLE	IF	CITATIONS
19	Importance of Prokaryotes in the Functioning and Evolution of the Present and Past Geosphere and Biosphere. , 2018, , 57-129.		4
20	Fluvial or aeolian grains? Separation of transport agents on Mars using earth analogue observations. Planetary and Space Science, 2018, 163, 56-76.	1.7	15
21	X-ray microtomography as a tool for investigating the petrological context of Precambrian cellular remains. Geological Society Special Publication, 2017, 448, 33-56.	1.3	8
22	Advanced analytical techniques for studying the morphology and chemistry of Proterozoic microfossils. Geological Society Special Publication, 2017, 448, 81-104.	1.3	19
23	A Statistical Approach to Illustrate the Challenge of Astrobiology for Public Outreach. Life, 2017, 7, 40.	2.4	1
24	Carbonaceous microstructures from sedimentary laminated chert within the 3.46 Ga Apex Basalt, Chinaman Creek locality, Pilbara, Western Australia. Precambrian Research, 2016, 278, 161-178.	2.7	29
25	Stochastic Prebiotic Chemistry within Realistic Geological Systems. ChemistrySelect, 2016, 1, 4906-4926.	1.5	13