

Stuart Bartlett

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/325587/publications.pdf>

Version: 2024-02-01

20
papers

267
citations

1040056

9
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

320
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing planetary complexity and potential agnostic biosignatures using epsilon machines. <i>Nature Astronomy</i> , 2022, 6, 387-392.	10.1	11
2	Computation by Convective Logic Gates and Thermal Communication. <i>Artificial Life</i> , 2022, 28, 96-107.	1.3	1
3	Rotation Period Detection for Earth-like Exoplanets. <i>Astronomical Journal</i> , 2022, 163, 27.	4.7	3
4	Asymptotic burnout and homeostatic awakening: a possible solution to the Fermi paradox?. <i>Journal of the Royal Society Interface</i> , 2022, 19, 20220029.	3.4	11
5	Searching for Life, Mindful of Lyfe™s Possibilities. <i>Life</i> , 2022, 12, 783.	2.4	8
6	Earth as a Proxy Exoplanet: Deconstructing and Reconstructing Spectrophotometric Light Curves. <i>Astronomical Journal</i> , 2021, 161, 122.	4.7	9
7	Quantifying Mineral-Ligand Structural Similarities: Bridging the Geological World of Minerals with the Biological World of Enzymes. <i>Life</i> , 2020, 10, 338.	2.4	12
8	Defining Lyfe in the Universe: From Three Privileged Functions to Four Pillars. <i>Life</i> , 2020, 10, 42.	2.4	37
9	Hidden Concepts in the History and Philosophy of Origins-of-Life Studies: a Workshop Report. <i>Origins of Life and Evolution of Biospheres</i> , 2019, 49, 111-145.	1.9	19
10	Probing complexity: thermodynamics and computational mechanics approaches to origins studies. <i>Interface Focus</i> , 2019, 9, 20190058.	3.0	9
11	Earth as an Exoplanet: A Two-dimensional Alien Map. <i>Astrophysical Journal Letters</i> , 2019, 882, L1.	8.3	27
12	Boolean logic by convective obstacle flows. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2019, 475, 20190192.	2.1	1
13	Charting the course: A possible route to a fully renewable Swiss power system. <i>Energy</i> , 2018, 163, 942-955.	8.8	18
14	Interplay between photovoltaic, wind energy and storage hydropower in a fully renewable Switzerland. <i>Energy</i> , 2017, 135, 513-525.	8.8	76
15	A Non-Isothermal Chemical Lattice Boltzmann Model Incorporating Thermal Reaction Kinetics and Enthalpy Changes. <i>Computation</i> , 2017, 5, 37.	2.0	3
16	Delving deeper into homeostatic dynamics of reaction diffusion systems with a general fluid dynamics and artificial chemistry model. , 2017, , .		1
17	Maximum Entropy Production Is Not a Steady State Attractor for 2D Fluid Convection. <i>Entropy</i> , 2016, 18, 431.	2.2	8
18	A Precarious Existence: Thermal Homeostasis of Simple Dissipative Structures. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Natural convection of a two-dimensional Boussinesq fluid does not maximize entropy production. Physical Review E, 2014, 90, 023014.	2.1	9
20	Emergence of Competition between Different Dissipative Structures for the Same Free Energy Source. , O, , .		3