

Ximena Abrevaya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9567927/publications.pdf>

Version: 2024-02-01

18
papers

522
citations

1039406

9
h-index

1058022

14
g-index

20
all docs

20
docs citations

20
times ranked

747
citing authors

#	ARTICLE	IF	CITATIONS
1	The Astrobiology Primer v2.0. <i>Astrobiology</i> , 2016, 16, 561-653.	1.5	133
2	Analytical applications of microbial fuel cells. Part I: Biochemical oxygen demand. <i>Biosensors and Bioelectronics</i> , 2015, 63, 580-590.	5.3	117
3	Analytical applications of microbial fuel cells. Part II: Toxicity, microbial activity and quantification, single analyte detection and other uses. <i>Biosensors and Bioelectronics</i> , 2015, 63, 591-601.	5.3	95
4	Archaea-based microbial fuel cell operating at high ionic strength conditions. <i>Extremophiles</i> , 2011, 15, 633-642.	0.9	59
5	Comparative Survival Analysis of <i>Deinococcus radiodurans</i> and the Haloarchaea <i>Natrialba magadii</i> and <i>Haloferax volcanii</i> Exposed to Vacuum Ultraviolet Irradiation. <i>Astrobiology</i> , 2011, 11, 1034-1040.	1.5	26
6	Microbial Fuel Cells Applied to the Metabolically Based Detection of Extraterrestrial Life. <i>Astrobiology</i> , 2010, 10, 965-971.	1.5	21
7	Male and female reproductive toxicity induced by sub-chronic ethanol exposure in CF-1 mice. <i>Cell Biology and Toxicology</i> , 2011, 27, 237-248.	2.4	15
8	The UV surface habitability of Proxima <i>b</i> : first experiments revealing probable life survival to stellar flares. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 494, L69-L74.	1.2	14
9	The bone marrow micronucleus test and metronidazole genotoxicity in different strains of mice (Mus) Tj ETQq1 1 0,784314 rgBT /Ove	0.6	11
10	In Situ Search for Extraterrestrial Life: A Microbial Fuel Cell-Based Sensor for the Detection of Photosynthetic Metabolism. <i>Astrobiology</i> , 2015, 15, 717-727.	1.5	10
11	Mini-Review: Probing the limits of extremophilic life in extraterrestrial environment-simulated experiments. <i>International Journal of Astrobiology</i> , 2012, 11, 251-256.	0.9	9
12	An electrochemical sensing approach for scouting microbial chemolithotrophic metabolisms. <i>Bioelectrochemistry</i> , 2018, 123, 125-136.	2.4	4
13	A new <i>P. putida</i> instrumental toxicity bioassay. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 294.	1.3	3
14	Radiation as a Constraint for Life in the Universe. , 2018, , 27-46.		3
15	Flares and habitability. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 405-409.	0.0	1
16	A simple laser-based device for simultaneous microbial culture and absorbance measurement. <i>Instruments and Experimental Techniques</i> , 2013, 56, 472-476.	0.1	1
17	The solar proxy $\hat{\tau}^1$ Cet and the planetary habitability around the young Sun. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 338-349.	0.0	0
18	Towards astrobiological experimental approaches to study planetary UV surface environments. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 222-226.	0.0	0