

Attila Berces

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

635
citations

759233

12
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Phages T7 in biological UV dose measurements. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1992, 12, 285-294.	3.8	73
2	ULTRAVIOLET DOSIMETRY IN OUTDOOR MEASUREMENTS BASED ON BACTERIOPHAGE T7 AS A BIOSENSOR. <i>Photochemistry and Photobiology</i> , 1994, 59, 209-214.	2.5	69
3	Investigating the Effects of Simulated Martian Ultraviolet Radiation on <i>Halococcus dombrowskii</i> and Other Extremely Halophilic Archaeobacteria. <i>Astrobiology</i> , 2009, 9, 104-112.	3.0	63
4	Origin and Evolution of Life on Terrestrial Planets. <i>Astrobiology</i> , 2010, 10, 69-76.	3.0	62
5	Solar UV Irradiation Conditions on the Surface of Mars. <i>Photochemistry and Photobiology</i> , 2003, 77, 34-40.	2.5	60
6	Biological UV dosimeters in the assessment of the biological hazard from environmental radiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1999, 53, 36-43.	3.8	48
7	Assessment of the Effects of Various UV Sources on Inactivation and Photoproduct Induction in Phage T7 Dosimeter. <i>Photochemistry and Photobiology</i> , 1998, 68, 527-531.	2.5	47
8	Annual solar UV exposure and biological effective dose rates on the Martian surface. <i>Advances in Space Research</i> , 2004, 33, 1247-1252.	2.6	47
9	Efficacy of Different UV-emitting Light Sources in the Induction of T-cell Apoptosis. <i>Photochemistry and Photobiology</i> , 2004, 79, 434.	2.5	42
10	Solar UV Irradiation Conditions on the Surface of Mars. <i>Photochemistry and Photobiology</i> , 2003, 77, 34.	2.5	22
11	Simulation experiments of the effect of space environment on bacteriophage and DNA thin films. <i>Advances in Space Research</i> , 2004, 33, 1306-1310.	2.6	16
12	Influence of Phage Proteins on Formation of Specific UV DMA Photoproducts in Phage T7. <i>Photochemistry and Photobiology</i> , 1999, 69, 545-552.	2.5	15
13	The effect of the short wavelength ultraviolet radiation. An extension of biological dosimetry to the UV-C range. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007, 88, 77-82.	3.8	11
14	Biological UV dosimeters in simulated space conditions. <i>Advances in Space Research</i> , 2004, 33, 1302-1305.	2.6	10
15	An ultraviolet simulator for the incident Martian surface radiation and its applications. <i>International Journal of Astrobiology</i> , 2005, 4, 241-249.	1.6	10
16	The PUR Experiment on the EXPOSE-R facility: biological dosimetry of solar extraterrestrial UV radiation. <i>International Journal of Astrobiology</i> , 2015, 14, 47-53.	1.6	9
17	Stability of nucleic acid under the effect of UV radiation. <i>Advances in Space Research</i> , 2002, 30, 1533-1538.	2.6	8
18	Study of the effect of simulated space environment on phage T7 and isolated T7 DNA thin films. <i>Journal of Luminescence</i> , 2003, 102-103, 469-475.	3.1	7

#	ARTICLE	IF	CITATIONS
19	Biological effectiveness of environmental radiation in surface measurements by phage T7. Journal of Photochemistry and Photobiology B: Biology, 1995, 31, 87-90.	3.8	6
20	Biological effectiveness of environmental radiation in aquatic systems, measurements by T7-phage sensor. Journal of Photochemistry and Photobiology B: Biology, 1996, 32, 183-187.	3.8	5
21	Efficacy of Different UV-emitting Light Sources in the Induction of Cell Apoptosis [¶] . Photochemistry and Photobiology, 2004, 79, 434-439.	2.5	3
22	<title>Uracil thin layers in dosimetry of UV-radiation</title>. , 1994, 2086, 420.		1
23	In Situ Biodosimetric Experiment for Space Applications. Origins of Life and Evolution of Biospheres, 2012, 42, 247-252.	1.9	1