

# Adrienne Kish

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

524  
citations

933447

10  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

797  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological responses of the halophilic archaeon <i>Halobacterium</i> sp. strain NRC1 to desiccation and gamma irradiation. <i>Extremophiles</i> , 2005, 9, 219-227.	2.3	174
2	An integrated systems approach for understanding cellular responses to gamma radiation. <i>Molecular Systems Biology</i> , 2006, 2, 47.	7.2	78
3	Salt shield: intracellular salts provide cellular protection against ionizing radiation in the halophilic archaeon, <i>Halobacterium salinarum</i> NRC-1. <i>Environmental Microbiology</i> , 2009, 11, 1066-1078.	3.8	58
4	Preservation of Archaeal Surface Layer Structure During Mineralization. <i>Scientific Reports</i> , 2016, 6, 26152.	3.3	52
5	Rad50 Is Not Essential for the Mre11-Dependent Repair of DNA Double-Strand Breaks in <i>Halobacterium</i> sp. Strain NRC-1. <i>Journal of Bacteriology</i> , 2008, 190, 5210-5216.	2.2	33
6	High-pressure tolerance in <i>Halobacterium salinarum</i> NRC-1 and other non-piezophilic prokaryotes. <i>Extremophiles</i> , 2012, 16, 355-361.	2.3	27
7	Exploring the microbial biotransformation of extraterrestrial material on nanometer scale. <i>Scientific Reports</i> , 2019, 9, 18028.	3.3	21
8	Characterization of microbial and chemical composition of shuttle wet waste with permanent gas and volatile organic compound analyses. <i>Advances in Space Research</i> , 2004, 34, 1470-1476.	2.6	18
9	Experimental maturation of Archaea encrusted by Fe-phosphates. <i>Scientific Reports</i> , 2017, 7, 16984.	3.3	15
10	Microbial Nitrogen and Sulfur Cycles at the Gypsum Dunes of White Sands National Monument, New Mexico. <i>Geomicrobiology Journal</i> , 2012, 29, 733-751.	2.0	11
11	Post-translational methylations of the archaeal Mre11:Rad50 complex throughout the DNA damage response. <i>Molecular Microbiology</i> , 2016, 100, 362-378.	2.5	10
12	Differential high pressure survival in stationary-phase <i>Escherichia coli</i> MG1655. <i>High Pressure Research</i> , 2011, 31, 325-333.	1.2	8
13	DNA Replication and Repair in Halophiles. , 2012, , 163-198.		8
14	Novel Mechanism for Surface Layer Shedding and Regenerating in Bacteria Exposed to Metal-Contaminated Conditions. <i>Frontiers in Microbiology</i> , 2018, 9, 3210.	3.5	8
15	Improved Isolation of SlaA and SlaB S-layer proteins in <i>Sulfolobus acidocaldarius</i> . <i>Extremophiles</i> , 2020, 24, 673-680.	2.3	3
16	Editorial: Astrobiology at the Interface: Interactions Between Biospheres, Geospheres, Hydrospheres and Atmospheres Under Planetary Conditions. <i>Frontiers in Microbiology</i> , 2021, 12, 629961.	3.5	0