

Runa Antony

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

556
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

837
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin and Sources of Dissolved Organic Matter in Snow on the East Antarctic Ice Sheet. <i>Environmental Science & Technology</i> , 2014, 48, 6151-6159.	10.0	127
2	Molecular Insights on Dissolved Organic Matter Transformation by Supraglacial Microbial Communities. <i>Environmental Science & Technology</i> , 2017, 51, 4328-4337.	10.0	74
3	Microbial communities associated with Antarctic snow pack and their biogeochemical implications. <i>Microbiological Research</i> , 2016, 192, 192-202.	5.3	65
4	Diversity and physiology of culturable bacteria associated with a coastal Antarctic ice core. <i>Microbiological Research</i> , 2012, 167, 372-380.	5.3	55
5	Microbial communities and their potential for degradation of dissolved organic carbon in cryoconite hole environments of Himalaya and Antarctica. <i>Microbiological Research</i> , 2018, 208, 32-42.	5.3	48
6	Organic Carbon in Antarctic Snow: Spatial Trends and Possible Sources. <i>Environmental Science & Technology</i> , 2011, 45, 9944-9950.	10.0	44
7	Cobalt Immobilization by Manganese Oxidizing Bacteria from the Indian Ridge System. <i>Current Microbiology</i> , 2011, 62, 840-849.	2.2	34
8	Phenotypic and molecular identification of <i>Cellulosimicrobium cellulans</i> isolated from Antarctic snow. <i>Antonie Van Leeuwenhoek</i> , 2009, 96, 627-634.	1.7	21
9	Photo-biochemical transformation of dissolved organic matter on the surface of the coastal East Antarctic ice sheet. <i>Biogeochemistry</i> , 2018, 141, 229-247.	3.5	21
10	Microbial preference for different size classes of organic carbon: a study from Antarctic snow. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 5929-5943.	2.7	15
11	Extracellular polymeric substances in Antarctic environments: A review of their ecological roles and impact on glacier biogeochemical cycles. <i>Polar Science</i> , 2021, 30, 100686.	1.2	15
12	Chemical characteristics of hydrologically distinct cryoconite holes in coastal Antarctica. <i>Annals of Glaciology</i> , 2018, 59, 69-76.	1.4	11
13	Is cloud seeding in coastal Antarctica linked to bromine and nitrate variability in snow?. <i>Environmental Research Letters</i> , 2010, 5, 014009.	5.2	8
14	Metabolic activity and bioweathering properties of yeasts isolated from different supraglacial environments of Antarctica and Himalaya. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 2243-2258.	1.7	7
15	Spatial variability and possible sources of acetate and formate in the surface snow of East Antarctica. <i>Journal of Environmental Sciences</i> , 2017, 57, 258-269.	6.1	6
16	Fate of Dissolved Organic Carbon in Antarctic Surface Environments During Summer. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2020JG005958.	3.0	5