

Ornella Carrion

List of Publications by Year in descending order

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16
papers

1,019
citations

687363

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888059

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1394
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#	ARTICLE	IF	CITATIONS
1	Spingopyxis sp. Strain OPL5, an Isoprene-Degrading Bacterium from the Spingomonadaceae Family Isolated from Oil Palm Leaves. <i>Microorganisms</i> , 2020, 8, 1557.	3.6	13
2	Diversity of isoprene-degrading bacteria in phyllosphere and soil communities from a high isoprene-emitting environment: a Malaysian oil palm plantation. <i>Microbiome</i> , 2020, 8, 81.	11.1	23
3	Molecular Ecology of Isoprene-Degrading Bacteria. <i>Microorganisms</i> , 2020, 8, 967.	3.6	12
4	Biosynthesis of CdS Quantum Dots Mediated by Volatile Sulfur Compounds Released by Antarctic <i>Pseudomonas fragi</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1866.	3.5	38
5	Bacteria are important dimethylsulfoniopropionate producers in coastal sediments. <i>Nature Microbiology</i> , 2019, 4, 1815-1825.	13.3	67
6	The Production and Fate of Volatile Organosulfur Compounds in Sulfidic and Ferruginous Sediment. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3390-3402.	3.0	14
7	Methanethiol and Dimethylsulfide Cycling in Stiffkey Saltmarsh. <i>Frontiers in Microbiology</i> , 2019, 10, 1040.	3.5	23
8	DSYB catalyses the key step of dimethylsulfoniopropionate biosynthesis in many phytoplankton. <i>Nature Microbiology</i> , 2018, 3, 430-439.	13.3	116
9	Bacterial SBP56 identified as a Cu-dependent methanethiol oxidase widely distributed in the biosphere. <i>ISME Journal</i> , 2018, 12, 145-160.	9.8	62
10	Gene probing reveals the widespread distribution, diversity and abundance of isoprene-degrading bacteria in the environment. <i>Microbiome</i> , 2018, 6, 219.	11.1	25
11	Dimethylsulfoniopropionate biosynthesis in marine bacteria and identification of the key gene in this process. <i>Nature Microbiology</i> , 2017, 2, 17009.	13.3	222
12	Methanethiol-dependent dimethylsulfide production in soil environments. <i>ISME Journal</i> , 2017, 11, 2379-2390.	9.8	54
13	New emulsifying and cryoprotective exopolysaccharide from Antarctic <i>Pseudomonas</i> sp. ID1. <i>Carbohydrate Polymers</i> , 2015, 117, 1028-1034.	10.2	83
14	New Type of Outer Membrane Vesicle Produced by the Gram-Negative Bacterium <i>Shewanella vesiculosa</i> M7 ^T : Implications for DNA Content. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1874-1881.	3.1	203
15	The Stack: A New Bacterial Structure Analyzed in the Antarctic Bacterium <i>Pseudomonas deceptionensis</i> M1T by Transmission Electron Microscopy and Tomography. <i>PLoS ONE</i> , 2013, 8, e73297.	2.5	8
16	<i>Pseudomonas deceptionensis</i> sp. nov., a psychrotolerant bacterium from the Antarctic. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2401-2405.	1.7	55