Nancy I LÃ³pez

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Small <scp>RNAs</scp> in the Antarctic bacterium <i>Pseudomonas extremaustralis</i> responsive to oxygen availability and oxidative stress. Environmental Microbiology Reports, 2022, 14, 604-615.	2.4	2
2	Melanin biosynthesis in bacteria, regulation and production perspectives. Applied Microbiology and Biotechnology, 2020, 104, 1357-1370.	3.6	71
3	Response to lethal UVA radiation in the Antarctic bacterium Pseudomonas extremaustralis: polyhydroxybutyrate and cold adaptation as protective factors. Extremophiles, 2020, 24, 265-275.	2.3	12
4	Oxidative stress under low oxygen conditions triggers hyperflagellation and motility in the Antarctic bacterium Pseudomonas extremaustralis. Extremophiles, 2019, 23, 587-597.	2.3	10
5	Core regulon of the global anaerobic regulator Anr targets central metabolism functions in Pseudomonas species. Scientific Reports, 2019, 9, 9065.	3.3	22
6	Effect of copper on diesel degradation in Pseudomonas extremaustralis. Extremophiles, 2019, 23, 91-99.	2.3	5
7	Glycerol inhibition of melanin biosynthesis in the environmental Aeromonas salmonicida 34melT. Applied Microbiology and Biotechnology, 2019, 103, 1865-1876.	3.6	9
8	Microaerophilic alkane degradation in <i>Pseudomonas extremaustralis</i>: a transcriptomic and physiological approach. Journal of Industrial Microbiology and Biotechnology, 2018, 45, 15-23.	3.0	34
9	Reporting Key Features in Cold-Adapted Bacteria. Life, 2018, 8, 8.	2.4	105
10	Novel role of the LPS core glycosyltransferase WapH for cold adaptation in the Antarctic bacterium Pseudomonas extremaustralis. PLoS ONE, 2018, 13, e0192559.	2.5	25
11	Influence of lake trophic conditions on the dominant mixotrophic algal assemblages. Journal of Plankton Research, 2016, 38, 818-829.	1.8	41
12	Novel Essential Role of Ethanol Oxidation Genes at Low Temperature Revealed by Transcriptome Analysis in the Antarctic Bacterium Pseudomonas extremaustralis. PLoS ONE, 2015, 10, e0145353.	2.5	45
13	Living in an Extremely Polluted Environment: Clues from the Genome of Melanin-Producing Aeromonas salmonicida subsp. pectinolytica 34mel ^T. Applied and Environmental Microbiology, 2015, 81, 5235-5248.	3.1	18
14	Polyhydroxyalkanoates. Advances in Applied Microbiology, 2015, 93, 73-106.	2.4	60
15	Genome sequence analysis of Pseudomonas extremaustralis provides new insights into environmental adaptability and extreme conditions resistance. Extremophiles, 2015, 19, 207-220.	2.3	53
16	Polyhydroxyalkanoate Synthesis Affects Biosurfactant Production and Cell Attachment to Hydrocarbons in Pseudomonas sp. KA-08. Current Microbiology, 2014, 68, 735-742.	2.2	12
17	High Polyhydroxybutyrate Production in Pseudomonas extremaustralis Is Associated with Differential Expression of Horizontally Acquired and Core Genome Polyhydroxyalkanoate Synthase Genes. PLoS ONE, 2014, 9, e98873.	2.5	28
18	Anr, the anaerobic global regulator, modulates the redox state and oxidative stress resistance in Pseudomonas extremaustralis. Microbiology (United Kingdom), 2013, 159, 259-268.	1.8	22

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19	Genome Sequence of the Melanin-Producing Extremophile Aeromonas salmonicida subsp. <i>pectinolytica</i> Strain 34mel ^T. Genome Announcements, 2013, 1, .	0.8	11
20	The Global Anaerobic Regulator Anr, Is Involved in Cell Attachment and Aggregation Influencing the First Stages of Biofilm Development in Pseudomonas extremaustralis. PLoS ONE, 2013, 8, e76685.	2.5	8
21	Genome Sequence of the Polyhydroxybutyrate Producer Pseudomonas extremaustralis, a Highly Stress-Resistant Antarctic Bacterium. Journal of Bacteriology, 2012, 194, 2381-2382.	2.2	32
22	Biofilm lifestyle enhances diesel bioremediation and biosurfactant production in the Antarctic polyhydroxyalkanoate producer Pseudomonas extremaustralis. Biodegradation, 2012, 23, 645-651.	3.0	42
23	Isolation and characterization of benzene, toluene and xylene degrading Pseudomonas sp. selected as candidates for bioremediation. International Biodeterioration and Biodegradation, 2012, 67, 15-20.	3.9	66
24	Poly(3-hydroxybutyrate) influences biofilm formation and motility in the novel Antarctic species Pseudomonas extremaustralis under cold conditions. Extremophiles, 2011, 15, 541-547.	2.3	61
25	Increased plumage darkness of female Shiny Cowbirds <i>Molothrus bonariensis</i> in the subtropics: an adaptation to bacterial degradation?. Ibis, 2010, 152, 775-781.	1.9	5
26	Oxygen-Sensitive Global Regulator, Anr, Is Involved in the Biosynthesis of Poly(3-Hydroxybutyrate) in <i>Pseudomonas extremaustralis</i>. Journal of Molecular Microbiology and Biotechnology, 2010, 19, 180-188.	1.0	19
27	Polyhydroxyalkanoates are essential for maintenance of redox state in the Antarctic bacterium Pseudomonas sp. 14-3 during low temperature adaptation. Extremophiles, 2009, 13, 59-66.	2.3	130
28	Pseudomonas extremaustralis sp. nov., a Poly(3-hydroxybutyrate) Producer Isolated from an Antarctic Environment. Current Microbiology, 2009, 59, 514-519.	2.2	93
29	The polyhydroxyalkanoate genes of a stress resistant Antarctic Pseudomonas are situated within a genomic island. Plasmid, 2007, 58, 240-248.	1.4	47
30	Impaired polyhydroxybutyrate biosynthesis from glucose inPseudomonassp. 14-3 is due to a defective ÃŽÂ²-ketothiolase gene. FEMS Microbiology Letters, 2006, 264, 125-131.	1.8	28
31	rpoS Gene Expression in Carbon-Starved Cultures of the Polyhydroxyalkanoate-Accumulating Species Pseudomonas oleovorans. Current Microbiology, 2004, 48, 396-400.	2.2	36
32	A Polyhydroxybutyrate-Producing Pseudomonas sp. Isolated from Antarctic Environments with High Stress Resistance. Current Microbiology, 2004, 49, 170-4.	2.2	84
33	Dimethyl sulfoxide (DMSO) reduction potential in Mediterranean seagrass (Posidonia oceanica) sediments. Journal of Sea Research, 2004, 51, 11-20.	1.6	16
34	Solar UV-B decreases decomposition in herbaceous plant litter in Tierra del Fuego, Argentina: potential role of an altered decomposer community. Global Change Biology, 2003, 9, 1465-1474.	9.5	99
35	Controls on nitrification in a water-limited ecosystem: experimental inhibition of ammonia-oxidising bacteria in the Patagonian steppe. Soil Biology and Biochemistry, 2003, 35, 1609-1613.	8.8	22
36	Title is missing!. World Journal of Microbiology and Biotechnology, 2001, 17, 51-55.	3.6	23

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37	Polyhydroxyalkanoate Degradation Is Associated with Nucleotide Accumulation and Enhances Stress Resistance and Survival of Pseudomonas oleovorans in Natural Water Microcosms. Applied and Environmental Microbiology, 2001, 67, 225-230.	3.1	90
38	The effect of nutrient additions on bacterial activity in seagrass (Posidonia oceanica) sediments. Journal of Experimental Marine Biology and Ecology, 1998, 224, 155-166.	1.5	74
39	Effect of poly(3-hydroxybutyrate) (PHB) content on the starvation-survival of bacteria in natural waters. FEMS Microbiology Ecology, 1995, 16, 95-101.	2.7	54
40	Bacterial activity in NW Mediterranean seagrass (Posidonia oceanica) sediments. Journal of Experimental Marine Biology and Ecology, 1995, 187, 39-49.	1.5	53
41	Antimicrobial activity and surface bacterial film in marine sponges. Journal of Experimental Marine Biology and Ecology, 1994, 179, 195-205.	1.5	93