

Balbina Nogales

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,470
citations

279701

23
h-index

276775

41
g-index

47
all docs

47
docs citations

47
times ranked

3593
citing authors

#	ARTICLE	IF	CITATIONS
1	Anthropogenic perturbations in marine microbial communities. <i>FEMS Microbiology Reviews</i> , 2011, 35, 275-298.	3.9	296
2	Combined Use of 16S Ribosomal DNA and 16S rRNA To Study the Bacterial Community of Polychlorinated Biphenyl-Polluted Soil. <i>Applied and Environmental Microbiology</i> , 2001, 67, 1874-1884.	1.4	276
3	Polychlorinated biphenyl-degrading microbial communities in soils and sediments. <i>Current Opinion in Microbiology</i> , 2002, 5, 246-253.	2.3	263
4	Detection and Diversity of Expressed Denitrification Genes in Estuarine Sediments after Reverse Transcription-PCR Amplification from mRNA. <i>Applied and Environmental Microbiology</i> , 2002, 68, 5017-5025.	1.4	174
5	Identification of the metabolically active members of a bacterial community in a polychlorinated biphenyl-polluted moorland soil. <i>Environmental Microbiology</i> , 1999, 1, 199-212.	1.8	148
6	Halophilic archaea in the human intestinal mucosa. <i>Environmental Microbiology</i> , 2010, 12, 2398-2410.	1.8	105
7	Proteomic insights into the lifestyle of an environmentally relevant marine bacterium. <i>ISME Journal</i> , 2012, 6, 124-135.	4.4	100
8	<i>Gulosibacter molinivorax</i> gen. nov., sp. nov., a molinate-degrading bacterium, and classification of <i>Brevibacterium helvolum</i> ™ DSM 20419 as <i>Pseudoclavibacter helvolus</i> gen. nov., sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 783-789.	0.8	91
9	Forensic Comparison of Soils by Bacterial Community DNA Profiling. <i>Journal of Forensic Sciences</i> , 2002, 47, 350-353.	0.9	75
10	Comparative Proteogenomics of Twelve <i>Roseobacter</i> Exoproteomes Reveals Different Adaptive Strategies Among These Marine Bacteria. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.013110.	2.5	73
11	A novel pathway for mineralization of the thiocarbamate herbicide molinate by a defined bacterial mixed culture. <i>Environmental Microbiology</i> , 2003, 5, 944-953.	1.8	67
12	<i>Pseudomonas</i> Diversity in Crude-Oil-Contaminated Intertidal Sand Samples Obtained after the <i>Prestige</i> Oil Spill. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1076-1085.	1.4	67
13	Bacterial Community Dynamics during Bioremediation of Diesel Oil-Contaminated Antarctic Soil. <i>Microbial Ecology</i> , 2009, 57, 598-610.	1.4	61
14	Bacterial diversity, composition and dynamics in and around recreational coastal areas. <i>Environmental Microbiology</i> , 2007, 9, 1913-1929.	1.8	55
15	Characterization of bacterial consortia from diesel-contaminated Antarctic soils: Towards the design of tailored formulas for bioaugmentation. <i>International Biodeterioration and Biodegradation</i> , 2013, 77, 22-30.	1.9	55
16	Bacterial diversity in dry modern freshwater stromatolites from Ruidera Pools Natural Park, Spain. <i>Systematic and Applied Microbiology</i> , 2010, 33, 209-221.	1.2	45
17	Complete Genome Sequence of the Naphthalene-Degrading Bacterium <i>Pseudomonas stutzeri</i> AN10 (CCUG 29243). <i>Journal of Bacteriology</i> , 2012, 194, 6642-6643.	1.0	45
18	<i>Tepidiphilus margaritifera</i> gen. nov., sp. nov., isolated from a thermophilic aerobic digester. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1405-1410.	0.8	43

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19	Treatment of cork boiling wastewater using chemical oxidation and biodegradation. <i>Chemosphere</i> , 2006, 64, 455-461.	4.2	41
20	Genome Sequence of <i>Pseudomonas stutzeri</i> Strain JM300 (DSM 10701), a Soil Isolate and Model Organism for Natural Transformation. <i>Journal of Bacteriology</i> , 2012, 194, 5477-5478.	1.0	31
21	Draft Genome of <i>Pseudomonas stutzeri</i> Strain ZoBell (CCUG 16156), a Marine Isolate and Model Organism for Denitrification Studies. <i>Journal of Bacteriology</i> , 2012, 194, 1277-1278.	1.0	30
22	<i>Pseudomonas gallaeciensis</i> sp. nov., isolated from crude-oil-contaminated intertidal sand samples after the Prestige oil spill. <i>Systematic and Applied Microbiology</i> , 2018, 41, 340-347.	1.2	27
23	Short-term changes in the composition of active marine bacterial assemblages in response to diesel oil pollution. <i>Microbial Biotechnology</i> , 2010, 3, 607-621.	2.0	26
24	Shotgun nanoLC-MS/MS proteogenomics to document MALDI-TOF biomarkers for screening new members of the <i>Ruegeria</i> genus. <i>Environmental Microbiology</i> , 2013, 15, 133-147.	1.8	25
25	<i>Caenibacterium thermophilum</i> gen. nov., sp. nov., isolated from a thermophilic aerobic digester of municipal sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1375-1382.	0.8	23
26	Phylogenetic analysis of the composition of bacterial communities in human-exploited coastal environments from Mallorca Island (Spain). <i>Systematic and Applied Microbiology</i> , 2008, 31, 231-240.	1.2	23
27	Proteomics meets blue biotechnology: A wealth of novelties and opportunities. <i>Marine Genomics</i> , 2014, 17, 35-42.	0.4	23
28	Plant original <i>Massilia</i> isolates producing polyhydroxybutyrate, including one exhibiting high yields from glycerol. <i>Journal of Applied Microbiology</i> , 2012, 112, 443-454.	1.4	21
29	Physiological role of NahW, the additional salicylate hydroxylase found in <i>Pseudomonas stutzeri</i> AN10. <i>FEMS Microbiology Letters</i> , 2009, 300, 265-272.	0.7	18
30	Conjugative Interaction Induces Transposition of IS <i>Pst9</i> in <i>Pseudomonas stutzeri</i> AN10. <i>Journal of Bacteriology</i> , 2009, 191, 1239-1247.	1.0	17
31	Pipelines for New Chemicals: a strategy to create new value chains and stimulate innovation-based economic revival in Southern European countries. <i>Environmental Microbiology</i> , 2014, 16, 9-18.	1.8	16
32	Draft Genome Sequence of <i>Pseudomonas stutzeri</i> Strain B1SMN1, a Nitrogen-Fixing and Naphthalene-Degrading Strain Isolated from Wastewater. <i>Genome Announcements</i> , 2013, 1, .	0.8	15
33	Comparative genomics of the protocatechuate branch of the β^2 -ketoacid pathway in the <i>Roseobacter</i> lineage. <i>Marine Genomics</i> , 2014, 17, 25-33.	0.4	15
34	TnpR Encoded by an IS <i>Ppu12</i> Isoform Regulates Transposition of Two Different IS <i>L3</i> -Like Insertion Sequences in <i>Pseudomonas stutzeri</i> after Conjugative Interaction. <i>Journal of Bacteriology</i> , 2010, 192, 1423-1432.	1.0	13
35	Draft Genome Sequences of Two Isolates of the <i>Roseobacter</i> Group, <i>Sulfitobacter</i> sp. Strains 3SOLIMAR09 and 1FIGIMAR09, from Harbors of Mallorca Island (Mediterranean Sea). <i>Genome Announcements</i> , 2014, 2, .	0.8	12
36	ISPst9, an ISL3-like insertion sequence from <i>Pseudomonas stutzeri</i> AN10 involved in catabolic gene inactivation. <i>International Microbiology</i> , 2008, 11, 101-10.	1.1	12

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37	A heterotrophic bacterium inhibits growth of several species of the genus <i>Chlorobium</i> . <i>Archives of Microbiology</i> , 1997, 167, 396-399.	1.0	11
38	Draft Genome of <i>Pseudomonas stutzeri</i> Strain NF13, a Nitrogen Fixer Isolated from the Galapagos Rift Hydrothermal Vent. <i>Genome Announcements</i> , 2013, 1, e0011313.	0.8	11
39	Microbial Communities in Composite Biofilms Participating in the Degradation of PCB. <i>Water, Air and Soil Pollution</i> , 2003, 3, 57-64.	0.8	6
40	Draft Genome Sequence of <i>Citricella aestuarii</i> Strain 357, a Member of the <i>Roseobacter</i> Clade Isolated without Xenobiotic Pressure from a Petroleum-Polluted Beach. <i>Journal of Bacteriology</i> , 2012, 194, 5464-5465.	1.0	5
41	Microbial Communities in Hydrocarbon-Polluted Harbors and Marinas. , 2019, , 1-17.		5
42	MiniUIB, a Novel Minitransposon-Based System for Stable Insertion of Foreign DNA into the Genomes of Gram-Negative and Gram-Positive Bacteria. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1629-1638.	1.4	1
43	Draft Genome Sequences of <i>Thalassobacter</i> Strains 1CONIMAR09 and 16PALIMAR09, Two Members of the <i>Roseobacter</i> Lineage Isolated from Coastal Areas of the Mediterranean Sea around Mallorca Island. <i>Genome Announcements</i> , 2015, 3, .	0.8	0
44	Microbial Communities in Hydrocarbon-Polluted Harbors and Marinas. , 2019, , 63-79.		0