

Federico Rosconi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,031
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

2072
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	8.0	715
2	Identification and structural characterization of serobactins, a suite of lipopeptide siderophores produced by the grass endophyte <i>Herbaspirillum seropedicae</i> . <i>Environmental Microbiology</i> , 2013, 15, 916-927.	3.8	66
3	Purification and characterization of a periplasmic laccase produced by <i>Sinorhizobium meliloti</i> . <i>Enzyme and Microbial Technology</i> , 2005, 36, 800-807.	3.2	60
4	Biosynthesis of Amphi-enterobactin Siderophores by <i>Vibrio harveyi</i> BAA-1116: Identification of a Bifunctional Nonribosomal Peptide Synthetase Condensation Domain. <i>Journal of the American Chemical Society</i> , 2014, 136, 5615-5618.	13.7	45
5	<i>Azospirillum brasilense</i> Sp7 produces an outer-membrane lectin that specifically binds to surface-exposed extracellular polysaccharide produced by the bacterium. <i>Archives of Microbiology</i> , 2008, 189, 519-524.	2.2	40
6	A new small regulatory protein, HmuP, modulates haemin acquisition in <i>Sinorhizobium meliloti</i> . <i>Microbiology (United Kingdom)</i> , 2010, 156, 1873-1882.	1.8	22
7	Essential Genes for <i>In Vitro</i> Growth of the Endophyte <i>Herbaspirillum seropedicae</i> SmR1 as Revealed by Transposon Insertion Site Sequencing. <i>Applied and Environmental Microbiology</i> , 2016, 82, 6664-6671.	3.1	22
8	Serobactins-mediated iron acquisition systems optimize competitive fitness of <i>Herbaspirillum seropedicae</i> inside rice plants. <i>Environmental Microbiology</i> , 2016, 18, 2523-2533.	3.8	17
9	Iron depletion affects nitrogenase activity and expression of <i>nif</i> genes in <i>Herbaspirillum seropedicae</i> . <i>FEMS Microbiology Letters</i> , 2006, 258, 214-219.	1.8	16
10	A genome-wide atlas of antibiotic susceptibility targets and pathways to tolerance. <i>Nature Communications</i> , 2022, 13, .	12.8	12
11	<i>Herbaspirillum seropedicae</i> Differentially Expressed Genes in Response to Iron Availability. <i>Frontiers in Microbiology</i> , 2018, 9, 1430.	3.5	10
12	HmuS and HmuQ of <i>Ensifer/Sinorhizobium meliloti</i> degrade heme in vitro and participate in heme metabolism in vivo. <i>BioMetals</i> , 2016, 29, 333-347.	4.1	5