

Delphine Capela

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

654
citations

840776

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1125743

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15
times ranked

740
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome sequence of the β -rhizobium <i>Cupriavidus taiwanensis</i> and comparative genomics of rhizobia. <i>Genome Research</i> , 2008, 18, 1472-1483.	5.5	192
2	Experimental Evolution of a Plant Pathogen into a Legume Symbiont. <i>PLoS Biology</i> , 2010, 8, e1000280.	5.6	158
3	Experimental evolution of nodule intracellular infection in legume symbionts. <i>ISME Journal</i> , 2013, 7, 1367-1377.	9.8	54
4	Transient Hypermutagenesis Accelerates the Evolution of Legume Endosymbionts following Horizontal Gene Transfer. <i>PLoS Biology</i> , 2014, 12, e1001942.	5.6	50
5	Spatio-temporal control of mutualism in legumes helps spread symbiotic nitrogen fixation. <i>ELife</i> , 2017, 6, .	6.0	42
6	Recruitment of a Lineage-Specific Virulence Regulatory Pathway Promotes Intracellular Infection by a Plant Pathogen Experimentally Evolved into a Legume Symbiont. <i>Molecular Biology and Evolution</i> , 2017, 34, 2503-2521.	8.9	40
7	Shaping Bacterial Symbiosis With Legumes by Experimental Evolution. <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 956-964.	2.6	33
8	Experimental Evolution of Legume Symbionts: What Have We Learnt?. <i>Genes</i> , 2020, 11, 339.	2.4	24
9	Experimental evolution of rhizobia may lead to either extra- or intracellular symbiotic adaptation depending on the selection regime. <i>Molecular Ecology</i> , 2017, 26, 1818-1831.	3.9	21
10	Modulation of Quorum Sensing as an Adaptation to Nodule Cell Infection during Experimental Evolution of Legume Symbionts. <i>MBio</i> , 2020, 11, .	4.1	17
11	Parallels between experimental and natural evolution of legume symbionts. <i>Nature Communications</i> , 2018, 9, 2264.	12.8	11
12	noeM, a New Nodulation Gene Involved in the Biosynthesis of Nod Factors with an Open-Chain Oxidized Terminal Residue and in the Symbiosis with <i>Mimosa pudica</i> . <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 1635-1648.	2.6	5
13	Rhizobium diversity in the light of evolution. <i>Advances in Botanical Research</i> , 2020, , 251-288.	1.1	5