Benjamin Gourion

List of Publications by Year
in descending order

27 papers	1,756 citations	394421 19 h-index	526287 27 g-index
29 all docs	29 docs citations	29 times ranked	1884 citing authors

#	Article	IF	Citations
1	Rhizobiumâ€"legume symbioses: the crucial role of plant immunity. Trends in Plant Science, 2015, 20, 186-194.	8.8	279
2	Methylobacterium Genome Sequences: A Reference Blueprint to Investigate Microbial Metabolism of C1 Compounds from Natural and Industrial Sources. PLoS ONE, 2009, 4, e5584.	2.5	204
3	A proteomic study of Methylobacterium extorquens reveals a response regulator essential for epiphytic growth. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13186-13191.	7.1	142
4	<i>Medicago truncatula </i><scp>DNF</scp>2 is a <scp>PI</scp>â€<scp>PLC</scp>â€<scp>XD</scp>â€containing protein required for bacteroid persistence and prevention of nodule early senescence and defenseâ€like reactions. New Phytologist, 2013, 197, 1250-1261.	7.3	128
5	Sigma factor mimicry involved in regulation of general stress response. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3467-3472.	7.1	121
6	Terminal bacteroid differentiation in the legumeâˆ'rhizobium symbiosis: noduleâ€specific cysteineâ€rich peptides and beyond. New Phytologist, 2016, 211, 411-417.	7.3	105
7	The PhyRâ€Ïƒ^{EcfG} signalling cascade is involved in stress response and symbiotic efficiency in <i>Bradyrhizobium japonicum</i>. Molecular Microbiology, 2009, 73, 291-305.	2.5	103
8	A non<scp>RD</scp> receptorâ€like kinase prevents nodule early senescence and defenseâ€like reactions during symbiosis. New Phytologist, 2014, 203, 1305-1314.	7.3	97
9	PhyR Is Involved in the General Stress Response of <i>Methylobacterium extorquens</i> AM1. Journal of Bacteriology, 2008, 190, 1027-1035.	2.2	94
10	Metabolic profiling of two maize (Zea mays L.) inbred lines inoculated with the nitrogen fixing plant-interacting bacteria Herbaspirillum seropedicae and Azospirillum brasilense. PLoS ONE, 2017, 12, e0174576.	2.5	67
11	Multiple steps control immunity during the intracellular accommodation of rhizobia. Journal of Experimental Botany, 2015, 66, 1977-1985.	4.8	63
12	Large-Scale Transposon Mutagenesis of Photosynthetic <i>Bradyrhizobium</i> Sp. Strain ORS278 Reveals New Genetic Loci Putatively Important for Nod-Independent Symbiosis with <i>Aeschynomene indica</i>. Molecular Plant-Microbe Interactions, 2010, 23, 760-770.	2.6	54
13	Control of the ethylene signaling pathway prevents plant defenses during intracellular accommodation of the rhizobia. New Phytologist, 2018, 219, 310-323.	7.3	46
14	A Proteomic Approach of Bradyrhizobium/Aeschynomene Root and Stem Symbioses Reveals the Importance of the fixA Locus for Symbiosis. International Journal of Molecular Sciences, 2014, 15, 3660-3670.	4.1	34
15	Bacterial RuBisCO Is Required for Efficient Bradyrhizobium/Aeschynomene Symbiosis. PLoS ONE, 2011, 6, e21900.	2.5	34
16	Growth Conditions Determine the DNF2 Requirement for Symbiosis. PLoS ONE, 2014, 9, e91866.	2.5	34
17	Legume Nodules: Massive Infection in the Absence of Defense Induction. Molecular Plant-Microbe Interactions, 2019, 32, 35-44.	2.6	31
18	Medicago-Sinorhizobium-Ralstonia Co-infection Reveals Legume Nodules as Pathogen Confined Infection Sites Developing Weak Defenses. Current Biology, 2020, 30, 351-358.e4.	3.9	23

#	Article	IF	Citations
19	Legumes tolerance to rhizobia is not always observed and not always deserved. Cellular Microbiology, 2020, 22, e13124.	2.1	22
20	DNA double-strand break repair is involved in desiccation resistance of Sinorhizobium meliloti, but is not essential for its symbiotic interaction with Medicago truncatula. Microbiology (United Kingdom), 2017, 163, 333-342.	1.8	16
21	To be or<i>noot</i>to be. Plant Signaling and Behavior, 2013, 8, e24969.	2.4	15
22	Strain-Specific Symbiotic Genes: A New Level of Control in the Intracellular Accommodation of Rhizobia Within Legume Nodule Cells. Molecular Plant-Microbe Interactions, 2018, 31, 287-288.	2.6	9
23	A dual legumeâ€rhizobium transcriptome of symbiotic nodule senescence reveals coordinated plant and bacterial responses. Plant, Cell and Environment, 2022, 45, 3100-3121.	5.7	9
24	Avoidance of detrimental defense responses in beneficial plantâ€"microbe interactions. Current Opinion in Biotechnology, 2021, 70, 266-272.	6.6	8
25	Failure of self-control. Plant Signaling and Behavior, 2013, 8, e23915.	2.4	7
26	<i>Medicago</i>-<i>Sinorhizobium</i>-<i>Ralstonia</i>: A Model System to Investigate Pathogen-Triggered Inhibition of Nodulation. Molecular Plant-Microbe Interactions, 2021, 34, 499-503.	2.6	6
27	Bradyrhizobium diazoefficiens USDA110 Nodulation of Aeschynomene afraspera Is Associated with Atypical Terminal Bacteroid Differentiation and Suboptimal Symbiotic Efficiency. MSystems, 2021, 6, .	3.8	4