Olivier Fernandez

List of Publications by Year
in descending order

19 papers	1,628 citations	567281 15 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	2381 citing authors

#	Article	IF	Citations
1	Trehalose and plant stress responses: friend or foe?. Trends in Plant Science, 2010, 15, 409-417.	8.8	360
2	Burkholderia phytofirmansPsJN Acclimates Grapevine to Cold by Modulating Carbohydrate Metabolism. Molecular Plant-Microbe Interactions, 2012, 25, 496-504.	2.6	199
3	Burkholderia phytofirmansPsJN PrimesVitis viniferaL. and Confers a Better Tolerance to Low Nonfreezing Temperatures. Molecular Plant-Microbe Interactions, 2012, 25, 241-249.	2.6	198
4	The grapevine flagellin receptor Vv<scp>FLS</scp>2 differentially recognizes flagellinâ€derived epitopes from the endophytic growthâ€promoting bacterium Burkholderia phytofirmans and plant pathogenic bacteria. New Phytologist, 2014, 201, 1371-1384.	7.3	147
5	Cyclic lipopeptides from <scp>B</scp>acillus subtilis activate distinct patterns of defence responses in grapevine. Molecular Plant Pathology, 2015, 16, 177-187.	4.2	133
6	Fortune telling: metabolic markers of plant performance. Metabolomics, 2016, 12, 158.	3.0	89
7	Leaf Starch Turnover Occurs in Long Days and in Falling Light at the End of the Day. Plant Physiology, 2017, 174, 2199-2212.	4.8	80
8	Regulatory Properties of ADP Glucose Pyrophosphorylase Are Required for Adjustment of Leaf Starch Synthesis in Different Photoperiods Â Â. Plant Physiology, 2014, 166, 1733-1747.	4.8	78
9	Trehalose metabolism is activated upon chilling in grapevine and might participate in Burkholderia phytofirmans induced chilling tolerance. Planta, 2012, 236, 355-369.	3.2	69
10	Grapevine trunk diseases under thermal and water stresses. Planta, 2019, 249, 1655-1679.	3.2	60
11	Plant polysaccharides initiate underground crosstalk with bacilli by inducing synthesis of the immunogenic lipopeptide surfactin. Environmental Microbiology Reports, 2015, 7, 570-582.	2.4	54
12	The microbiota of the grapevine holobiont: A key component of plant health. Journal of Advanced Research, 2022, 40, 1-15.	9.5	49
13	Woody Plant Declines. Whatâ€™s Wrong with the Microbiome?. Trends in Plant Science, 2020, 25, 381-394.	8.8	48
14	Characterization of a F-box gene up-regulated by phytohormones and upon biotic and abiotic stresses in grapevine. Molecular Biology Reports, 2011, 38, 3327-3337.	2.3	27
15	Metabolomic characterization of sunflower leaf allows discriminating genotype groups or stress levels with a minimal set of metabolic markers. Metabolomics, 2019, 15, 56.	3.0	17
16	Diversity of Neofusicoccum parvum for the Production of the Phytotoxic Metabolites (-)-Terremutin and (R)-Mellein. Journal of Fungi (Basel, Switzerland), 2022, 8, 319.	3.5	10
17	Plant metabolomics and breeding. Advances in Botanical Research, 2021, , 207-235.	1.1	7
18	Leaf metabolomic data of eight sunflower lines and their sixteen hybrids under water deficit. OCL - Oilseeds and Fats, Crops and Lipids, 2021, 28, 42.	1.4	2

#	Article	IF	Citations
19	Metabolic Profile Discriminates and Predicts Arabidopsis Susceptibility to Virus under Field Conditions. Metabolites, 2021, 11, 230.	2.9	1