CÃ©dric Jacquard

List of Publications by Year
in descending order

41 papers	2,619 citations	430874 18 h-index	276875 41 g-index
43 all docs	43 docs citations	43 times ranked	3586 citing authors

#	Article	IF	Citations
1	Pseudomonas Lipopeptide-Mediated Biocontrol: Chemotaxonomy and Biological Activity. Molecules, 2022, 27, 372.	3.8	14
2	Isolation and Identification of Lipopeptide-Producing Bacillus velezensis Strains from Wheat Phyllosphere with Antifungal Activity against the Wheat Pathogen Zymoseptoria tritici. Agronomy, 2022, 12, 95.	3.0	11
3	Analyses of Lysin-motif Receptor-like Kinase (LysM-RLK) Gene Family in Allotetraploid Brassica napus L. and Its Progenitor Species: An In Silico Study. Cells, 2022, 11, 37.	4.1	8
4	Plasmopara viticola the Causal Agent of Downy Mildew of Grapevine: From Its Taxonomy to Disease Management. Frontiers in Microbiology, 2022, 13, .	3.5	29
5	A biological agent modulates the physiology of barley infected with Drechslera teres. Scientific Reports, 2021, 11, 8330.	3.3	9
6	Pyrenophora teres: Taxonomy, Morphology, Interaction With Barley, and Mode of Control. Frontiers in Plant Science, 2021, 12, 614951.	3.6	22
7	Beneficial Microorganisms to Control the Gray Mold of Grapevine: From Screening to Mechanisms. Microorganisms, 2021, 9, 1386.	3.6	7
8	Gene expression and metabolite analysis in barley inoculated with net blotch fungus and plant growth-promoting rhizobacteria. Plant Physiology and Biochemistry, 2021, 168, 488-500.	5.8	5
9	Resveratrol and cyclodextrins, an easy alliance: Applications in nanomedicine, green chemistry and biotechnology. Biotechnology Advances, 2021, 53, 107844.	11.7	20
10	Genotypic Variation of Nitrogen Use Efficiency and Amino Acid Metabolism in Barley. Frontiers in Plant Science, 2021, 12, 807798.	3.6	13
11	Synthetic Mono-Rhamnolipids Display Direct Antifungal Effects and Trigger an Innate Immune Response in Tomato against Botrytis Cinerea. Molecules, 2020, 25, 3108.	3.8	27
12	The mode of action of plant associated Burkholderia against grey mould disease in grapevine revealed through traits and genomic analyses. Scientific Reports, 2020, 10, 19393.	3.3	17
13	In Silico Analyses of Autophagy-Related Genes in Rapeseed (Brassica napus L.) under Different Abiotic Stresses and in Various Tissues. Plants, 2020, 9, 1393.	3.5	5
14	Expression Analysis of Cell Wall-Related Genes in the Plant Pathogenic Fungus Drechslera teres. Genes, 2020, 11, 300.	2.4	7
15	Biofilm-Constructing Variants of Paraburkholderia phytofirmans PsJN Outcompete the Wild-Type Form in Free-Living and Static Conditions but Not In Planta. Applied and Environmental Microbiology, 2019, 85, .	3.1	6
16	On a Cold Night: Transcriptomics of Grapevine Flower Unveils Signal Transduction and Impacted Metabolism. International Journal of Molecular Sciences, 2019, 20, 1130.	4.1	9
17	Genome sequencing and traits analysis of Burkholderia strains reveal a promising biocontrol effect against grey mould disease in grapevine (Vitis vinifera L.). World Journal of Microbiology and Biotechnology, 2019, 35, 40.	3.6	12
18	Impact of Paraburkholderia phytofirmans PsJN on Grapevine Phenolic Metabolism. International Journal of Molecular Sciences, 2019, 20, 5775.	4.1	13

#	Article	IF	Citations
19	Draft Genome Sequence of Burkholderia reimsis BE51, a Plant-Associated Bacterium Isolated from Agricultural Rhizosphere. Microbiology Resource Announcements, 2018, 7, .	0.6	8
20	Impacts of Paraburkholderia phytofirmans Strain PsJN on Tomato (Lycopersicon esculentum L.) Under High Temperature. Frontiers in Plant Science, 2018, 9, 1397.	3.6	56
21	Paraburkholderia phytofirmans PsJN-Plants Interaction: From Perception to the Induced Mechanisms. Frontiers in Microbiology, 2018, 9, 2093.	3.5	69
22	Pseudomonas knackmussiiMLR6, a rhizospheric strain isolated from halophyte, enhances salt tolerance inArabidopsis thaliana. Journal of Applied Microbiology, 2018, 125, 1836-1851.	3.1	26
23	Kluyveromyces marxianus, an Attractive Yeast for Ethanolic Fermentation in the Presence of Imidazolium Ionic Liquids. International Journal of Molecular Sciences, 2018, 19, 887.	4.1	20
24	Draft Genome Sequence of Plant Growth-Promoting Burkholderia sp. Strain BE12, Isolated from the Rhizosphere of Maize. Genome Announcements, 2018, 6, .	0.8	4
25	Leaf vs. inflorescence: differences in photosynthetic activity of grapevine. Photosynthetica, 2017, 55, 58-68.	1.7	15
26	Burkholderia phytofirmans PsJN Confers Grapevine Resistance against Botrytis cinerea via a Direct Antimicrobial Effect Combined with a Better Resource Mobilization. Frontiers in Plant Science, 2016, 7, 1236.	3.6	86
27	Taxonomy, Physiology, and Natural Products of Actinobacteria. Microbiology and Molecular Biology Reviews, 2016, 80, 1-43.	6.6	1,395
28	Modulation of the Activity of Enzymes Involved in Carbohydrate Metabolism during Flower Development of Grapevine (Vitis Vinifera L.). Open Journal of Plant Science, 2016, 1, 010-017.	0.2	3
29	Burkholderia phytofirmans PsJN reduces impact of freezing temperatures on photosynthesis in Arabidopsis thaliana. Frontiers in Plant Science, 2015, 6, 810.	3.6	99
30	Distinct regulation in inflorescence carbohydrate metabolism according to grapevine cultivars during floral development. Physiologia Plantarum, 2015, 154, 447-467.	5.2	15
31	Cross-talk between environmental stresses and plant metabolism during reproductive organ abscission. Journal of Experimental Botany, 2015, 66, 1707-1719.	4.8	111
32	Impact of two ionic liquids, 1-ethyl-3-methylimidazolium acetate and 1-ethyl-3-methylimidazolium methylphosphonate, on Saccharomyces cerevisiae: metabolic, physiologic, and morphological investigations. Biotechnology for Biofuels, 2015, 8, 17.	6.2	48
33	Cold-night responses in grapevine inflorescences. Plant Science, 2015, 239, 115-127.	3.6	8
34	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
35	Plasticity in Cell Division Patterns and Auxin Transport Dependency during in Vitro Embryogenesis inBrassica napusÂ Â. Plant Cell, 2014, 26, 2568-2581.	6.6	35
36	Adaptation of Grapevine Flowers to Cold Involves Different Mechanisms Depending on Stress Intensity. PLoS ONE, 2012, 7, e46976.	2.5	20

#	Article	IF	Citations
37	Pollen vacuoles and their significance. Planta, 2011, 234, 217-227.	3.2	50
38	Microspore embryogenesis in barley: anther pre-treatment stimulates plant defence gene expression. Planta, 2009, 229, 393-402.	3.2	40
39	Microspore embryogenesis and programmed cell death in barley: effects of copper on albinism in recalcitrant cultivars. Plant Cell Reports, 2009, 28, 1329-1339.	5.6	43
40	Programmed Cell Death and Microspore Embryogenesis. , 2009, , 147-154.		10
41	Influence of copper sulfate on anther culture in barley (Hordeum vulgare L.). Plant Science, 2002, 162, 843-847.	3.6	49