

CÃ©dric Jacquard

List of Publications by Year in descending order

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Version: 2024-02-01

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	Taxonomy, Physiology, and Natural Products of Actinobacteria. <i>Microbiology and Molecular Biology Reviews</i> , 2016, 80, 1-43.	6.6	1,395
2	Cyclic lipopeptides from <i>Bacillus subtilis</i> activate distinct patterns of defence responses in grapevine. <i>Molecular Plant Pathology</i> , 2015, 16, 177-187.	4.2	133
3	Cross-talk between environmental stresses and plant metabolism during reproductive organ abscission. <i>Journal of Experimental Botany</i> , 2015, 66, 1707-1719.	4.8	111
4	<i>Burkholderia phytofirmans</i> PsJN reduces impact of freezing temperatures on photosynthesis in <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 810.	3.6	99
5	<i>Burkholderia phytofirmans</i> PsJN Confers Grapevine Resistance against <i>Botrytis cinerea</i> via a Direct Antimicrobial Effect Combined with a Better Resource Mobilization. <i>Frontiers in Plant Science</i> , 2016, 7, 1236.	3.6	86
6	<i>Paraburkholderia phytofirmans</i> PsJN-Plants Interaction: From Perception to the Induced Mechanisms. <i>Frontiers in Microbiology</i> , 2018, 9, 2093.	3.5	69
7	Impacts of <i>Paraburkholderia phytofirmans</i> Strain PsJN on Tomato (<i>Lycopersicon esculentum</i> L.) Under High Temperature. <i>Frontiers in Plant Science</i> , 2018, 9, 1397.	3.6	56
8	Pollen vacuoles and their significance. <i>Planta</i> , 2011, 234, 217-227.	3.2	50
9	Influence of copper sulfate on anther culture in barley (<i>Hordeum vulgare</i> L.). <i>Plant Science</i> , 2002, 162, 843-847.	3.6	49
10	Impact of two ionic liquids, 1-ethyl-3-methylimidazolium acetate and 1-ethyl-3-methylimidazolium methylphosphonate, on <i>Saccharomyces cerevisiae</i> : metabolic, physiologic, and morphological investigations. <i>Biotechnology for Biofuels</i> , 2015, 8, 17.	6.2	48
11	Microspore embryogenesis and programmed cell death in barley: effects of copper on albinism in recalcitrant cultivars. <i>Plant Cell Reports</i> , 2009, 28, 1329-1339.	5.6	43
12	Microspore embryogenesis in barley: anther pre-treatment stimulates plant defence gene expression. <i>Planta</i> , 2009, 229, 393-402.	3.2	40
13	Plasticity in Cell Division Patterns and Auxin Transport Dependency during in Vitro Embryogenesis in <i>Brassica napus</i> . <i>Plant Cell</i> , 2014, 26, 2568-2581.	6.6	35
14	<i>Plasmopara viticola</i> the Causal Agent of Downy Mildew of Grapevine: From Its Taxonomy to Disease Management. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	29
15	Synthetic Mono-Rhamnolipids Display Direct Antifungal Effects and Trigger an Innate Immune Response in Tomato against <i>Botrytis Cinerea</i> . <i>Molecules</i> , 2020, 25, 3108.	3.8	27
16	<i>Pseudomonas knackmussii</i> MLR6, a rhizospheric strain isolated from halophyte, enhances salt tolerance in <i>Arabidopsis thaliana</i> . <i>Journal of Applied Microbiology</i> , 2018, 125, 1836-1851.	3.1	26
17	<i>Pyrenophora teres</i> : Taxonomy, Morphology, Interaction With Barley, and Mode of Control. <i>Frontiers in Plant Science</i> , 2021, 12, 614951.	3.6	22
18	<i>Kluyveromyces marxianus</i> , an Attractive Yeast for Ethanolic Fermentation in the Presence of Imidazolium Ionic Liquids. <i>International Journal of Molecular Sciences</i> , 2018, 19, 887.	4.1	20

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19	Adaptation of Grapevine Flowers to Cold Involves Different Mechanisms Depending on Stress Intensity. <i>PLoS ONE</i> , 2012, 7, e46976.	2.5	20
20	Resveratrol and cyclodextrins, an easy alliance: Applications in nanomedicine, green chemistry and biotechnology. <i>Biotechnology Advances</i> , 2021, 53, 107844.	11.7	20
21	The mode of action of plant associated Burkholderia against grey mould disease in grapevine revealed through traits and genomic analyses. <i>Scientific Reports</i> , 2020, 10, 19393.	3.3	17
22	Distinct regulation in inflorescence carbohydrate metabolism according to grapevine cultivars during floral development. <i>Physiologia Plantarum</i> , 2015, 154, 447-467.	5.2	15
23	Leaf vs. inflorescence: differences in photosynthetic activity of grapevine. <i>Photosynthetica</i> , 2017, 55, 58-68.	1.7	15
24	Pseudomonas Lipopeptide-Mediated Biocontrol: Chemotaxonomy and Biological Activity. <i>Molecules</i> , 2022, 27, 372.	3.8	14
25	Impact of Paraburkholderia phytofirmans PsJN on Grapevine Phenolic Metabolism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5775.	4.1	13
26	Genotypic Variation of Nitrogen Use Efficiency and Amino Acid Metabolism in Barley. <i>Frontiers in Plant Science</i> , 2021, 12, 807798.	3.6	13
27	Genome sequencing and traits analysis of Burkholderia strains reveal a promising biocontrol effect against grey mould disease in grapevine (<i>Vitis vinifera</i> L.). <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 40.	3.6	12
28	Isolation and Identification of Lipopeptide-Producing <i>Bacillus velezensis</i> Strains from Wheat Phyllosphere with Antifungal Activity against the Wheat Pathogen <i>Zymoseptoria tritici</i> . <i>Agronomy</i> , 2022, 12, 95.	3.0	11
29	Programmed Cell Death and Microspore Embryogenesis. , 2009, , 147-154.		10
30	On a Cold Night: Transcriptomics of Grapevine Flower Unveils Signal Transduction and Impacted Metabolism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1130.	4.1	9
31	A biological agent modulates the physiology of barley infected with <i>Drechslera teres</i> . <i>Scientific Reports</i> , 2021, 11, 8330.	3.3	9
32	Cold-night responses in grapevine inflorescences. <i>Plant Science</i> , 2015, 239, 115-127.	3.6	8
33	Draft Genome Sequence of <i>Burkholderia reimsis</i> BE51, a Plant-Associated Bacterium Isolated from Agricultural Rhizosphere. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	8
34	Analyses of Lysin-motif Receptor-like Kinase (LysM-RLK) Gene Family in Allotetraploid <i>Brassica napus</i> L. and Its Progenitor Species: An In Silico Study. <i>Cells</i> , 2022, 11, 37.	4.1	8
35	Expression Analysis of Cell Wall-Related Genes in the Plant Pathogenic Fungus <i>Drechslera teres</i> . <i>Genes</i> , 2020, 11, 300.	2.4	7
36	Beneficial Microorganisms to Control the Gray Mold of Grapevine: From Screening to Mechanisms. <i>Microorganisms</i> , 2021, 9, 1386.	3.6	7

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37	Biofilm-Constructing Variants of Paraburkholderia phytofirmans PsJN Outcompete the Wild-Type Form in Free-Living and Static Conditions but Not <i>in Planta</i> . Applied and Environmental Microbiology, 2019, 85, .	3.1	6
38	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
39	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
40	Draft Genome Sequence of Plant Growth-Promoting Burkholderia sp. Strain BE12, Isolated from the Rhizosphere of Maize. Genome Announcements, 2018, 6, .	0.8	4
41	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