

Thierry JoÃ«t

List of Publications by Year in descending order

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46
papers

3,012
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218677

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3671
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#	ARTICLE	IF	CITATIONS
1	New cup out of old coffee: contribution of parental gene expression legacy to phenotypic novelty in coffee beans of the allopolyploid <i>Coffea arabica</i> L. <i>Annals of Botany</i> , 2023, 131, 157-170.	2.9	3
2	Multi-scale comparative transcriptome analysis reveals key genes and metabolic reprogramming processes associated with oil palm fruit abscission. <i>BMC Plant Biology</i> , 2021, 21, 92.	3.6	5
3	Redox-related gene expression and sugar accumulation patterns are altered in the edible inflorescence produced by the cultivated form of pacaya palm (<i>Chamaedorea tepejilote</i>). <i>Annals of Botany</i> , 2021, 128, 231-240.	2.9	1
4	Multi-Approach Analysis Reveals Local Adaptation in a Widespread Forest Tree of Reunion Island. <i>Plant and Cell Physiology</i> , 2021, 62, 280-292.	3.1	6
5	Variation in seed traits among Mediterranean oaks in Tunisia and their ecological significance. <i>Annals of Botany</i> , 2020, 125, 891-904.	2.9	18
6	Seed comparative genomics in three coffee species identify desiccation tolerance mechanisms in intermediate seeds. <i>Journal of Experimental Botany</i> , 2020, 71, 1418-1433.	4.8	14
7	Plant population dynamics on oceanic islands during the Late Quaternary climate changes: genetic evidence from a tree species (<i>Coffea mauritiana</i>) in Reunion Island. <i>New Phytologist</i> , 2019, 224, 974-986.	7.3	11
8	Genetic diversity and population divergences of an indigenous tree (<i>Coffea mauritiana</i>) in Reunion Island: role of climatic and geographical factors. <i>Heredity</i> , 2019, 122, 833-847.	2.6	30
9	Integrative analysis of the late maturation programme and desiccation tolerance mechanisms in intermediate coffee seeds. <i>Journal of Experimental Botany</i> , 2018, 69, 1583-1597.	4.8	35
10	Development of a rapid and efficient DNA-based method to detect and quantify adulterations in coffee (<i>Arabica</i> versus <i>Robusta</i>). <i>Food Control</i> , 2018, 88, 198-206.	5.5	34
11	Genotypic and environmental effects on the level of ascorbic acid, phenolic compounds and related gene expression during pineapple fruit development and ripening. <i>Plant Physiology and Biochemistry</i> , 2018, 130, 127-138.	5.8	25
12	Environmental and genetic effects on coffee seed biochemical composition and quality. <i>Burleigh Dodds Series in Agricultural Science</i> , 2018, , 49-68.	0.2	4
13	Differential fine-tuning of gene expression regulation in coffee leaves by CcDREB1D promoter haplotypes under water deficit. <i>Journal of Experimental Botany</i> , 2017, 68, 3017-3031.	4.8	26
14	Gene coexpression network analysis of oil biosynthesis in an interspecific backcross of oil palm. <i>Plant Journal</i> , 2016, 87, 423-441.	5.7	50
15	Explanatory ecological factors for the persistence of desiccation-sensitive seeds in transient soil seed banks: <i>Quercus ilex</i> as a case study. <i>Annals of Botany</i> , 2016, 117, 165-176.	2.9	24
16	Morphological and histological impacts of the laurina mutation on fructification and seed characteristics in <i>Coffea arabica</i> L.. <i>Trees - Structure and Function</i> , 2014, 28, 585-595.	1.9	3
17	Regulation of galactomannan biosynthesis in coffee seeds. <i>Journal of Experimental Botany</i> , 2014, 65, 323-337.	4.8	27
18	The coffee genome provides insight into the convergent evolution of caffeine biosynthesis. <i>Science</i> , 2014, 345, 1181-1184.	12.6	520

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19	Expression profiles of key phenylpropanoid genes during <i>Vanilla planifolia</i> pod development reveal a positive correlation between PAL gene expression and vanillin biosynthesis. <i>Plant Physiology and Biochemistry</i> , 2014, 74, 304-314.	5.8	25
20	Ecological significance of seed desiccation sensitivity in <i>Quercus ilex</i> . <i>Annals of Botany</i> , 2013, 111, 693-701.	2.9	55
21	Comparative Transcriptome Analysis of Three Oil Palm Fruit and Seed Tissues That Differ in Oil Content and Fatty Acid Composition. <i>Plant Physiology</i> , 2013, 162, 1337-1358.	4.8	200
22	Climatic factors directly impact the volatile organic compound fingerprint in green Arabica coffee bean as well as coffee beverage quality. <i>Food Chemistry</i> , 2012, 135, 2575-2583.	8.2	152
23	Coupled Transcript-Metabolite Profiling: Towards Systems Biology Approaches to Unravel Regulation of Seed Secondary Metabolism. , 2012, , 367-385.		1
24	Using functional genomics approaches in identifying molecular determinants of coffee quality. A review. <i>Cahiers Agricultures</i> , 2012, 21, 125-133.	0.9	4
25	Coffee seed conservation biology: Fundamental aspects and practical implications. A review. <i>Cahiers Agricultures</i> , 2012, 21, 106-114.	0.9	9
26	The 'PUCE CAFE' Project: the First 15K Coffee Microarray, a New Tool for Discovering Candidate Genes correlated to Agronomic and Quality Traits. <i>BMC Genomics</i> , 2011, 12, 5.	2.8	29
27	Regulatory Mechanisms Underlying Oil Palm Fruit Mesocarp Maturation, Ripening, and Functional Specialization in Lipid and Carotenoid Metabolism. <i>Plant Physiology</i> , 2011, 156, 564-584.	4.8	190
28	Influence of environmental factors, wet processing and their interactions on the biochemical composition of green Arabica coffee beans. <i>Food Chemistry</i> , 2010, 118, 693-701.	8.2	179
29	Use of the growing environment as a source of variation to identify the quantitative trait transcripts and modules of co-expressed genes that determine chlorogenic acid accumulation. <i>Plant, Cell and Environment</i> , 2010, 33, no-no.	5.7	47
30	Metabolic pathways in tropical dicotyledonous albuminous seeds: <i>Coffea arabica</i> as a case study. <i>New Phytologist</i> , 2009, 182, 146-162.	7.3	85
31	Deciphering transcriptional networks that govern <i>Coffea arabica</i> seed development using combined cDNA array and real-time RT-PCR approaches. <i>Plant Molecular Biology</i> , 2008, 66, 105-124.	3.9	51
32	Effectiveness of the fatty acid and sterol composition of seeds for the chemotaxonomy of <i>Coffea</i> subgenus <i>Coffea</i> . <i>Phytochemistry</i> , 2008, 69, 2950-2960.	2.9	38
33	The hexose transporter of <i>Plasmodium falciparum</i> is a worthy drug target. <i>Acta Tropica</i> , 2004, 89, 371-374.	2.0	20
34	Analysis of <i>Plasmodium vivax</i> hexose transporters and effects of a parasitocidal inhibitor. <i>Biochemical Journal</i> , 2004, 381, 905-909.	3.7	19
35	Case reports: pernicious complications of benign tertian malaria. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2003, 97, 551-553.	1.8	32
36	Validation of the hexose transporter of <i>Plasmodium falciparum</i> as a novel drug target. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 7476-7479.	7.1	133

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37	Involvement of a Plastid Terminal Oxidase in Plastoquinone Oxidation as Evidenced by Expression of the Arabidopsis thaliana Enzyme in Tobacco. <i>Journal of Biological Chemistry</i> , 2002, 277, 31623-31630.	3.4	147
38	Cyclic Electron Flow around Photosystem I in C3Plants. In Vivo Control by the Redox State of Chloroplasts and Involvement of the NADH-Dehydrogenase Complex. <i>Plant Physiology</i> , 2002, 128, 760-769.	4.8	179
39	Comparative characterization of hexose transporters of Plasmodium knowlesi, Plasmodium yoelii and Toxoplasma gondii highlights functional differences within the apicomplexan family. <i>Biochemical Journal</i> , 2002, 368, 923-929.	3.7	37
40	Transport processes in Plasmodium falciparum-infected erythrocytes: potential as new drug targets. <i>International Journal for Parasitology</i> , 2002, 32, 1567-1573.	3.1	25
41	Flocculent activity of a recombinant protein from Moringa oleifera Lam. seeds. <i>Applied Microbiology and Biotechnology</i> , 2002, 60, 114-119.	3.6	92
42	Increased Sensitivity of Photosynthesis to Antimycin A Induced by Inactivation of the Chloroplast ndhB Gene. Evidence for a Participation of the NADH-Dehydrogenase Complex to Cyclic Electron Flow around Photosystem I. <i>Plant Physiology</i> , 2001, 125, 1919-1929.	4.8	122
43	Targeted Inactivation of the Plastid ndhB Gene in Tobacco Results in an Enhanced Sensitivity of Photosynthesis to Moderate Stomatal Closure. <i>Plant Physiology</i> , 2000, 123, 1337-1350.	4.8	219
44	Flexibility in photosynthetic electron transport: a newly identified chloroplast oxidase involved in chlororespiration. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2000, 355, 1447-1454.	4.0	66
45	Non-Photochemical Reduction of Intersystem Electron Carriers in Chloroplasts of Higher Plants and Algae. , 1998, , 1877-1882.		15
46	Increased Sensitivity of Photosynthesis to Anaerobic Conditions Induced by Targeted Inactivation of the Chloroplast ndhB Gene. , 1998, , 1967-1970.		5