Christian Dubos

List of Publications by Year
in descending order

55 papers	9,097 citations	126907 33 h-index	175258 52 g-index
56 all docs	56 docs citations	56 times ranked	9665 citing authors

#	Article	IF	Citations
1	B3 Transcription Factors Determine Iron Distribution and FERRITIN Gene Expression in Embryo but Do Not Control Total Seed Iron Content. Frontiers in Plant Science, 2022, 13, .	3.6	5
2	Effect of Elevated Carbon Dioxide Exposure on Nutrition-Health Properties of Micro-Tom Tomatoes. Molecules, 2022, 27, 3592.	3.8	2
3	Transcriptional integration of plant responses to iron availability. Journal of Experimental Botany, 2021, 72, 2056-2070.	4.8	76
4	The Coumarins: Secondary Metabolites Playing a Primary Role in Plant Nutrition and Health. Trends in Plant Science, 2021, 26, 248-259.	8.8	80
5	Coumarin accumulation and trafficking in <i>Arabidopsis thaliana</i>: a complex and dynamic process. New Phytologist, 2021, 229, 2062-2079.	7.3	54
6	2000Âyears of agriculture in the Atacama desert lead to changes in the distribution and concentration of iron in maize. Scientific Reports, 2021, 11, 17322.	3.3	6
7	The plastidial Arabidopsis thaliana NFU1 protein binds and delivers [4Fe-4S] clusters to specific client proteins. Journal of Biological Chemistry, 2020, 295, 1727-1742.	3.4	20
8	The Transcription Factor bHLH121 Interacts with bHLH105 (ILR3) and Its Closest Homologs to Regulate Iron Homeostasis in Arabidopsis. Plant Cell, 2020, 32, 508-524.	6.6	111
9	Further insights into the role of bHLH121 in the regulation of iron homeostasis in <i>Arabidopsis thaliana</i>. Plant Signaling and Behavior, 2020, 15, 1795582.	2.4	19
10	Sulphur availability modulates Arabidopsis thaliana responses to iron deficiency. PLoS ONE, 2020, 15, e0237998.	2.5	16
11	A Global Proteomic Approach Sheds New Light on Potential Iron-Sulfur Client Proteins of the Chloroplastic Maturation Factor NFU3. International Journal of Molecular Sciences, 2020, 21, 8121.	4.1	5
12	Transcriptional Regulation of Iron Distribution in Seeds: A Perspective. Frontiers in Plant Science, 2020, 11, 725.	3.6	6
13	Identification of client ironâ€“sulfur proteins of the chloroplastic NFU2 transfer protein in Arabidopsis thaliana. Journal of Experimental Botany, 2020, 71, 4171-4187.	4.8	25
14	The Transcriptional Control of Iron Homeostasis in Plants: A Tale of bHLH Transcription Factors?. Frontiers in Plant Science, 2019, 10, 6.	3.6	146
15	Functional, Structural and Biochemical Features of Plant Serinyl-Glutathione Transferases. Frontiers in Plant Science, 2019, 10, 608.	3.6	71
16	Ironâ€“sulfur protein NFU2 is required for branched-chain amino acid synthesis in Arabidopsis roots. Journal of Experimental Botany, 2019, 70, 1875-1889.	4.8	25
17	Transcriptional integration of the responses to iron availability in Arabidopsis by the bHLH factor ILR3. New Phytologist, 2019, 223, 1433-1446.	7.3	92
18	TRANSPARENT TESTA 16 and 15 act through different mechanisms to control proanthocyanidin accumulation in Arabidopsis testa. Journal of Experimental Botany, 2017, 68, 2859-2870.	4.8	30

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19	TransDetect Identifies a New Regulatory Module Controlling Phosphate Accumulation. Plant Physiology, 2017, 175, 916-926.	4.8	28
20	The Physcomitrella patens System for Transient Gene Expression Assays. Methods in Molecular Biology, 2016, 1482, 151-161.	0.9	11
21	Spatio-Temporal Imaging of Promoter Activity in Intact Plant Tissues. Methods in Molecular Biology, 2016, 1482, 103-110.	0.9	3
22	Fast and Efficient Cloning of Cis-Regulatory Sequences for High-Throughput Yeast One-Hybrid Analyses of Transcription Factors. Methods in Molecular Biology, 2016, 1482, 139-149.	0.9	2
23	Facilitated Fe Nutrition by Phenolic Compounds Excreted by the Arabidopsis ABCG37/PDR9 Transporter Requires the IRT1/FRO2 High-Affinity Root Fe 2+ Transport System. Molecular Plant, 2016, 9, 485-488.	8.3	105
24	Integration of P, S, Fe, and Zn nutrition signals in Arabidopsis thaliana: potential involvement of PHOSPHATE STARVATION RESPONSE 1 (PHR1). Frontiers in Plant Science, 2015, 06, 290.	3.6	189
25	Transcriptional control of flavonoid biosynthesis by MYBâ€“bHLHâ€“WDR complexes. Trends in Plant Science, 2015, 20, 176-185.	8.8	1,336
26	Iron nutrition, biomass production, and plant product quality. Trends in Plant Science, 2015, 20, 33-40.	8.8	435
27	Analysis of the DNA-Binding Activities of the Arabidopsis R2R3-MYB Transcription Factor Family by One-Hybrid Experiments in Yeast. PLoS ONE, 2015, 10, e0141044.	2.5	60
28	New insights toward the transcriptional engineering of proanthocyanidin biosynthesis. Plant Signaling and Behavior, 2014, 9, e28736.	2.4	25
29	Complexity and robustness of the flavonoid transcriptional regulatory network revealed by comprehensive analyses of <scp>MYB</scp>â€“b<scp>HLH</scp>â€“<scp>WDR</scp> complexes and their targets in <scp>A</scp>rabidopsis seed. New Phytologist, 2014, 202, 132-144.	7.3	338
30	Iron around the clock. Plant Science, 2014, 224, 112-119.	3.6	18
31	Integrating bioinformatic resources to predict transcription factors interacting with cis-sequences conserved in co-regulated genes. BMC Genomics, 2014, 15, 317.	2.8	19
32	Identification and characterization of <scp>MYB</scp>â€•b<scp>HLH</scp>â€•<scp>WD</scp>40 regulatory complexes controlling proanthocyanidin biosynthesis in strawberry (<i><scp>F</scp>ragariaÂ</i>Ã—<i>Âananassa</i>) fruits. New Phytologist, 2013, 197, 454-467.	7.3	388
33	Regulation of flavonoid biosynthesis involves an unexpected complex transcriptional regulation of <i><scp>TT</scp>8</i> expression, in <scp>A</scp>rabidopsis. New Phytologist, 2013, 198, 59-70.	7.3	111
34	Metabolite profiling and quantitative genetics of natural variation for flavonoids in Arabidopsis. Journal of Experimental Botany, 2012, 63, 3749-3764.	4.8	131
35	<i>At</i>MYB61, an R2R3â€•MYB transcription factor, functions as a pleiotropic regulator via a small gene network. New Phytologist, 2012, 195, 774-786.	7.3	132
36	A new system for fast and quantitative analysis of heterologous gene expression in plants. New Phytologist, 2012, 193, 504-512.	7.3	43

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37	Transcriptional Regulation of <i>Arabidopsis LEAFY COTYLEDON2</i> Involves <i>RLE</i>, a <i>cis</i>-Element That Regulates Trimethylation of Histone H3 at Lysine-27. Plant Cell, 2011, 23, 4065-4078.	6.6	120
38	Arabidopsis seed secrets unravelled after a decade of genetic and omicsâ€driven research. Plant Journal, 2010, 61, 971-981.	5.7	161
39	Seed Development. , 2010, , 341-359.		4
40	MYB transcription factors in Arabidopsis. Trends in Plant Science, 2010, 15, 573-581.	8.8	2,987
41	Postâ€translational modification of an R2R3â€MYB transcription factor by a MAP Kinase during xylem development. New Phytologist, 2009, 183, 1001-1013.	7.3	43
42	MYBL2 is a new regulator of flavonoid biosynthesis in <i>Arabidopsis thaliana</i>. Plant Journal, 2008, 55, 940-953.	5.7	474
43	The Arabidopsis thaliana Glutamate-like Receptor Family (AtGLR). , 2006, , 187-204.		11
44	Comparison of lignin deposition in three ectopic lignification mutants. New Phytologist, 2005, 168, 123-140.	7.3	134
45	Kanamycin reveals the role played by glutamate receptors in shaping plant resource allocation. Plant Journal, 2005, 43, 348-355.	5.7	29
46	AtMYB61, an R2R3-MYB Transcription Factor Controlling Stomatal Aperture in Arabidopsis thaliana. Current Biology, 2005, 15, 1201-1206.	3.9	259
47	Light, the circadian clock, and sugar perception in the control of lignin biosynthesis. Journal of Experimental Botany, 2005, 56, 1651-1663.	4.8	137
48	Characterisation of PtMYB1, an R2R3-MYB from pine xylem. Plant Molecular Biology, 2003, 53, 597-608.	3.9	132
49	Identification of water-deficit responsive genes in maritime pine (Pinus pinaster Ait.) roots. Plant Molecular Biology, 2003, 51, 249-262.	3.9	90
50	A role for glycine in the gating of plant NMDA-like receptors. Plant Journal, 2003, 35, 800-810.	5.7	103
51	Identification and characterization of water-stress-responsive genes in hydroponically grown maritime pine (Pinus pinaster) seedlings. Tree Physiology, 2003, 23, 169-179.	3.1	58
52	Drought differentially affects expression of a PRâ€10 protein, in needles of maritime pine (Pinus pinaster) Tj ETQq0 0 0 rgBT /Overlock 1	4.8	59
53	A genetic map of Maritime pine based on AFLP, RAPD and protein markers. Theoretical and Applied Genetics, 2000, 100, 39-48.	3.6	67
54	Separation and characterization of needle and xylem maritime pine proteins. Electrophoresis, 1999, 20, 1098-1108.	2.4	57

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55	The Arabidopsis thaliana Glutamate-like Receptor Family (AtGLR). , 0, , 187-204.		0