

Delphine L Fleury

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45 papers	2,378 citations	25 h-index	48 g-index
51 ext. papers	2,952 ext. citations	6.8 avg, IF	4.8 L-index

#	Paper	IF	Citations
45	Development of an Australian Bread Wheat Nested Association Mapping Population, a New Genetic Diversity Resource for Breeding under Dry and Hot Climates. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
44	Identification of salt tolerance QTL in a wheat RIL mapping population using destructive and non-destructive phenotyping. <i>Functional Plant Biology</i> , 2021 , 48, 131-140	2.7	9
43	The wheat Seven in absentia gene is associated with increases in biomass and yield in hot climates. <i>Journal of Experimental Botany</i> , 2021 , 72, 3774-3791	7	2
42	Drought and heat stress tolerance screening in wheat using computed tomography. <i>Plant Methods</i> , 2020 , 16, 15	5.8	25
41	Transcripts of wheat at a target locus on chromosome 6B associated with increased yield, leaf mass and chlorophyll index under combined drought and heat stress. <i>PLoS ONE</i> , 2020 , 15, e0241966	3.7	3
40	Tolerance of Combined Drought and Heat Stress Is Associated With Transpiration Maintenance and Water Soluble Carbohydrates in Wheat Grains. <i>Frontiers in Plant Science</i> , 2020 , 11, 568693	6.2	9
39	QTL analysis and fine mapping of a QTL for yield-related traits in wheat grown in dry and hot environments. <i>Theoretical and Applied Genetics</i> , 2020 , 133, 239-257	6	27
38	A Comparison of Mainstream Genotyping Platforms for the Evaluation and Use of Barley Genetic Resources. <i>Frontiers in Plant Science</i> , 2019 , 10, 544	6.2	23
37	Effects of Rht-B1 and Ppd-D1 loci on pollinator traits in wheat. <i>Theoretical and Applied Genetics</i> , 2019 , 132, 1965-1979	6	15
36	Genome-wide association mapping of grain yield in a diverse collection of spring wheat (<i>Triticum aestivum</i> L.) evaluated in southern Australia. <i>PLoS ONE</i> , 2019 , 14, e0211730	3.7	33
35	Novel Alleles for Combined Drought and Heat Stress Tolerance in Wheat. <i>Frontiers in Plant Science</i> , 2019 , 10, 1800	6.2	22
34	The physiological and genetic basis of combined drought and heat tolerance in wheat. <i>Journal of Experimental Botany</i> , 2018 , 69, 3195-3210	7	81
33	Mapping of novel salt tolerance QTL in an Excalibur [Kukri doubled haploid wheat population. <i>Theoretical and Applied Genetics</i> , 2018 , 131, 2179-2196	6	39
32	Optical and physical mapping with local finishing enables megabase-scale resolution of agronomically important regions in the wheat genome. <i>Genome Biology</i> , 2018 , 19, 112	18.3	18
31	Transpiration Sensitivity to Evaporative Demand Across 120 Years of Breeding of Australian Wheat Cultivars. <i>Journal of Agronomy and Crop Science</i> , 2017 , 203, 219-226	3.9	30
30	Quantifying Wheat Sensitivities to Environmental Constraints to Dissect Genotype × Environment Interactions in the Field. <i>Plant Physiology</i> , 2017 , 174, 1669-1682	6.6	27
29	Quantitative trait loci for yield and grain plumpness relative to maturity in three populations of barley (<i>Hordeum vulgare</i> L.) grown in a low rain-fall environment. <i>PLoS ONE</i> , 2017 , 12, e0178111	3.7	7

28	High resolution mapping of traits related to whole-plant transpiration under increasing evaporative demand in wheat. <i>Journal of Experimental Botany</i> , 2016 , 67, 2847-60	7	38
27	Genetic analysis of developmental and adaptive traits in three doubled haploid populations of barley (<i>Hordeum vulgare</i> L.). <i>Theoretical and Applied Genetics</i> , 2016 , 129, 1139-51	6	21
26	Genetic association of stomatal traits and yield in wheat grown in low rainfall environments. <i>BMC Plant Biology</i> , 2016 , 16, 150	5.3	51
25	Addition of rye chromosome 4R to wheat increases anther length and pollen grain number. <i>Theoretical and Applied Genetics</i> , 2015 , 128, 953-64	6	27
24	Combining field performance with controlled environment plant imaging to identify the genetic control of growth and transpiration underlying yield response to water-deficit stress in wheat. <i>Journal of Experimental Botany</i> , 2015 , 66, 5481-92	7	56
23	Computational Identification and Comparative Analysis of miRNAs in Wheat Group 7 Chromosomes. <i>Plant Molecular Biology Reporter</i> , 2014 , 32, 487-500	1.7	8
22	QTL and association mapping for plant abiotic stress tolerance 2014 , 257-287		3
21	Rindsel: an R package for phenotypic and molecular selection indices used in plant breeding. <i>Methods in Molecular Biology</i> , 2014 , 1145, 87-96	1.4	2
20	Dispersion and domestication shaped the genome of bread wheat. <i>Plant Biotechnology Journal</i> , 2013 , 11, 564-71	11.6	55
19	Hybrid breeding in wheat: technologies to improve hybrid wheat seed production. <i>Journal of Experimental Botany</i> , 2013 , 64, 5411-28	7	157
18	Bread matters: a national initiative to profile the genetic diversity of Australian wheat. <i>Plant Biotechnology Journal</i> , 2012 , 10, 703-8	11.6	39
17	Single nucleotide polymorphism discovery from wheat next-generation sequence data. <i>Plant Biotechnology Journal</i> , 2012 , 10, 743-9	11.6	80
16	Clusters of genes encoding fructan biosynthesizing enzymes in wheat and barley. <i>Plant Molecular Biology</i> , 2012 , 80, 299-314	4.6	23
15	Plant genome sequencing: Models for developing synteny maps and association mapping 2012 , 83-97		1
14	Sequencing and assembly of low copy and genic regions of isolated <i>Triticum aestivum</i> chromosome arm 7DS. <i>Plant Biotechnology Journal</i> , 2011 , 9, 768-75	11.6	91
13	Making the most of omics for crop breeding. <i>Trends in Biotechnology</i> , 2011 , 29, 33-40	15.1	166
12	BAC library resources for map-based cloning and physical map construction in barley (<i>Hordeum vulgare</i> L.). <i>BMC Genomics</i> , 2011 , 12, 247	4.5	45
11	Asymmetric leaves2 and Elongator, a histone acetyltransferase complex, mediate the establishment of polarity in leaves of <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2011 , 52, 1259-73	4.9	49

10	Genetic and genomic tools to improve drought tolerance in wheat. <i>Journal of Experimental Botany</i> , 2010 , 61, 3211-22	7	360
9	Plant Elongator regulates auxin-related genes during RNA polymerase II transcription elongation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 1678-83	11.5	98
8	The RON1/FRY1/SAL1 gene is required for leaf morphogenesis and venation patterning in Arabidopsis. <i>Plant Physiology</i> , 2010 , 152, 1357-72	6.6	68
7	Physical mapping of a large plant genome using global high-information-content-fingerprinting: the distal region of the wheat ancestor <i>Aegilops tauschii</i> chromosome 3DS. <i>BMC Genomics</i> , 2010 , 11, 382	4.5	10
6	ARABIDOPSIS TRITHORAX1 dynamically regulates FLOWERING LOCUS C activation via histone 3 lysine 4 trimethylation. <i>Plant Cell</i> , 2008 , 20, 580-8	11.6	199
5	The Arabidopsis thaliana homolog of yeast BRE1 has a function in cell cycle regulation during early leaf and root growth. <i>Plant Cell</i> , 2007 , 19, 417-32	11.6	123
4	Cytological investigations of the Arabidopsis thaliana elo1 mutant give new insights into leaf lateral growth and Elongator function. <i>Annals of Botany</i> , 2007 , 100, 261-70	4.1	18
3	The elongata mutants identify a functional Elongator complex in plants with a role in cell proliferation during organ growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 7754-9	11.5	132
2	QTL analysis of photosynthesis and water status traits in sunflower (<i>Helianthus annuus</i> L.) under greenhouse conditions. <i>Journal of Experimental Botany</i> , 2001 , 52, 1857-64	7	83
1	The wheat Seven in Absentia gene is associated with increases in biomass and yield in hot climates		1