ValÃ©rie Le Corre

List of Publications by Year
in descending order

48	4,074	218677 26	214800 47
papers	citations	h-index	g-index
49	49	49	4915
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lab meets field: Accelerated selection and field monitoring concur that non-target-site-based resistance evolves first in the dicotyledonous, allergenic weed Ambrosia artemisiifolia. Plant Science, 2022, 317, 111202.	3.6	2
2	A high diversity of mechanisms endows ALS-inhibiting herbicide resistance in the invasive common ragweed (Ambrosia artemisiifolia L.). Scientific Reports, 2021, 11, 19904.	3.3	11
3	Harnessing the power of nextâ€generation sequencing technologies to the purpose of highâ€throughput pesticide resistance diagnosis. Pest Management Science, 2020, 76, 543-552.	3.4	14
4	Adaptive introgression from maize has facilitated the establishment of teosinte as a noxious weed in Europe. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25618-25627.	7.1	54
5	Intraspecific seasonal variation of dormancy and mortality of <i>Phelipanche ramosa</i> seeds. Weed Research, 2019, 59, 407-418.	1.7	10
6	Metapop: An individualâ€based model for simulating the evolution of tree populations in spatially and temporally heterogeneous landscapes. Molecular Ecology Resources, 2019, 19, 296-305.	4.8	4
7	Simulating changes in cropping practices in conventional and glyphosate-resistant maize. II.ÂWeed impacts on crop production and biodiversity. Environmental Science and Pollution Research, 2017, 24, 13121-13135.	5.3	15
8	Relationship between weed dormancy and herbicide rotations: implications in resistance evolution. Pest Management Science, 2017, 73, 1994-1999.	3.4	25
9	Simulating changes in cropping practises in conventional and glyphosate-tolerant maize. I. Effects on weeds. Environmental Science and Pollution Research, 2017, 24, 11582-11600.	5.3	23
10	Is induction ability of seed germination of Phelipanche ramosa phylogenetically structured among hosts? A case study on Fabaceae species. Genetica, 2017, 145, 481-489.	1.1	8
11	Intermediate degrees of synergistic pleiotropy drive adaptive evolution in ecological time. Nature Ecology and Evolution, 2017, 1, 1551-1561.	7.8	89
12	New gSSR and EST-SSR markers reveal high genetic diversity in the invasive plant Ambrosia artemisiifolia L. and can be transferred to other invasive Ambrosia species. PLoS ONE, 2017, 12, e0176197.	2.5	23
13	Choosing the best cropping systems to target pleiotropic effects when managing singleâ€gene herbicide resistance in grass weeds. A blackgrass simulation study. Pest Management Science, 2016, 72, 1910-1925.	3.4	18
14	Assessment of phylogenetic signal in the germination ability of <i>Phelipanche ramosa</i> on <i>Brassicaceae</i> hosts. Weed Research, 2016, 56, 452-461.	1.7	10
15	Fitness cost due to herbicide resistance may trigger genetic background evolution. Evolution; International Journal of Organic Evolution, 2015, 69, 271-278.	2.3	35
16	Stochastic processes and crop types shape weed community assembly in arable fields. Journal of Vegetation Science, 2015, 26, 348-359.	2.2	28
17	Unexpected fast development of branched broomrape on slow-growing Brassicaceae. Agronomy for Sustainable Development, 2015, 35, 151-156.	5.3	6
18	Development of Microsatellite Markers in the Branched Broomrape Phelipanche ramosa L. (Pomel) and Evidence for Host-Associated Genetic Divergence. International Journal of Molecular Sciences, 2014, 15, 994-1002.	4.1	18

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19	Genetic diversity of the declining arable plant <i><scp>C</scp>entaurea cyanus</i>: population fragmentation within an agricultural landscape is not associated with enhanced spatial genetic structure. Weed Research, 2014, 54, 436-444.	1.7	13
20	The interspecific and intraspecific variation of functional traits in weeds: diversified ecological strategies within arable fields. Acta Botanica Gallica, 2014, 161, 243-252.	0.9	23
21	Deciphering the evolution of herbicide resistance in weeds. Trends in Genetics, 2013, 29, 649-658.	6.7	462
22	Phelipanche ramosa (L.) Pomel populations differ in life-history and infection response to hosts. Flora: Morphology, Distribution, Functional Ecology of Plants, 2013, 208, 247-252.	1.2	16
23	Isolation and Characterisation of 11 Polymorphic Microsatellite Markers in Papaver rhoeas L. (Corn) Tj ETQq1 1 0.784314 rgBT /Overlo Sciences, 2013, 14, 470-479.	4.1	11
24	A new insight into arable weed adaptive evolution: mutations endowing herbicide resistance also affect germination dynamics and seedling emergence. Annals of Botany, 2013, 111, 681-691.	2.9	72
25	The genetic differentiation at quantitative trait loci under local adaptation. Molecular Ecology, 2012, 21, 1548-1566.	3.9	278
26	Highâ€throughput microsatellite isolation through 454 GSâ€FLX Titanium pyrosequencing of enriched DNA libraries. Molecular Ecology Resources, 2011, 11, 638-644.	4.8	276
27	Adaptive divergence for a fitnessâ€related trait among invasive<i>Ambrosia artemisiifolia</i>populations in France. Molecular Ecology, 2011, 20, 1378-1388.	3.9	64
28	Development of microsatellite markers in <i>Capsella rubella</i> and <i>Capsella bursaâ€pastoris</i> (Brassicaceae). American Journal of Botany, 2011, 98, e176-9.	1.7	1
29	High gene flow promotes the genetic homogeneity of arable weed populations at the landscape level. Basic and Applied Ecology, 2010, 11, 504-512.	2.7	37
30	Geographical variation in resistance to acetylâ€coenzyme A carboxylaseâ€inhibiting herbicides across the range of the arable weed <i>Alopecurus myosuroides</i> (blackâ€grass). New Phytologist, 2010, 186, 1005-1017.	7.3	103
31	Historical and contemporary dynamics of adaptive differentiation in European oaks. , 2010, , 101-122.		29
32	The Scale of Population Structure in Arabidopsis thaliana. PLoS Genetics, 2010, 6, e1000843.	3.5	338
33	Variation in the gene encoding acetolactateâ€synthase in <i>Lolium</i> species and proactive detection of mutant, herbicideâ€resistant alleles. Weed Research, 2009, 49, 326-336.	1.7	36
34	Genetic variation and population structure in blackâ€grass (<i>Alopecurus myosuroides</i> Huds.), a successful, herbicideâ€resistant, annual grass weed of winter cereal fields. Molecular Ecology, 2007, 16, 3161-3172.	3.9	67
35	How to be early flowering: an evolutionary perspective. Trends in Plant Science, 2006, 11, 375-381.	8.8	143
36	Weed response to herbicides: regionalâ€scale distribution of herbicide resistance alleles in the grass weed Alopecurus myosuroides. New Phytologist, 2006, 171, 861-874.	7.3	72

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37	Evidence for a large-scale population structure among accessions of Arabidopsis thaliana: possible causes and consequences for the distribution of linkage disequilibrium. Molecular Ecology, 2006, 15, 1507-1517.	3.9	122
38	Nested core collections maximizing genetic diversity inArabidopsis thaliana. Plant Journal, 2004, 38, 193-202.	5.7	175
39	Nucleotide Variability at the Acetyl Coenzyme A Carboxylase Gene and the Signature of Herbicide Selection in the Grass Weed Alopecurus myosuroides (Huds.). Molecular Biology and Evolution, 2004, 21, 884-892.	8.9	39
40	Genetic Variability at Neutral Markers, Quantitative Trait Loci and Trait in a Subdivided Population Under Selection. Genetics, 2003, 164, 1205-1219.	2.9	211
41	DNA Polymorphism at the FRIGIDA Gene in Arabidopsis thaliana: Extensive Nonsynonymous Variation Is Consistent with Local Selection for Flowering Time. Molecular Biology and Evolution, 2002, 19, 1261-1271.	8.9	217
42	Sampling within the genome for measuring within-population diversity: trade-offs between markers. Molecular Ecology, 2002, 11, 1145-1156.	3.9	129
43	Population differentiation for adaptive traits and their underlying loci in forest trees: theoretical predictions and experimental results. Forestry Sciences, 2000, , 59-74.	0.4	4
44	Geographical structure of gene diversity in Quercus petraea (Matt.) Liebl. III. Patterns of variation identified by geostatistical analyses. Heredity, 1998, 80, 464-473.	2.6	39
45	Colonization with long-distance seed dispersal and genetic structure of maternally inherited genes in forest trees: a simulation study. Genetical Research, 1997, 69, 117-125.	0.9	160
46	Genetic variation at allozyme and RAPD loci in sessile oak Quercus petraea (Matt.) Liebl.: the role of history and geography. Molecular Ecology, 1997, 6, 519-529.	3.9	85
47	Phylogeographic Structure of White Oaks Throughout the European Continent. Genetics, 1997, 146, 1475-1487.	2.9	437
48	Assessment of the type and degree of restriction fragment length polymorphism (RFLP) in diploid species of the genus Triticum. Theoretical and Applied Genetics, 1995, 90, 1063-1067.	3.6	22