Catherine Marie Breton

List of Publications by Year
in descending order

35 papers	1,071 citations	516710 16 h-index	414414 32 g-index
36 all docs	36 docs citations	36 times ranked	1085 citing authors

#	Article	IF	Citations
1	A digital catalog of highâ€density markers for banana germplasm collections. Plants People Planet, 2022, 4, 61-67.	3.3	7
2	A Protocol for Detection of Large Chromosome Variations in Banana Using Next Generation Sequencing. , 2022, , 129-148.		1
3	Unravelling the complex story of intergenomic recombination in ABB allotriploid bananas. Annals of Botany, 2021, 127, 7-20.	2.9	27
4	Filling the gaps in gene banks: Collecting, characterizing, and phenotyping wild banana relatives of Papua New Guinea. Crop Science, 2021, 61, 137-149.	1.8	19
5	A Dual-Successive-Screen Model at Pollen/Stigma and Pollen Tube/Ovary Explaining Paradoxical Self-Incompatibility Diagnosis in the Olive Treeâ€"An Interpretative Update of the Literature. Plants, 2021, 10, 1938.	3.5	6
6	Ten simple rules for switching from face-to-face to remote conference: An opportunity to estimate the reduction in GHG emissions. PLoS Computational Biology, 2021, 17, e1009321.	3.2	1
7	Reply to Saumitouâ€Laprade etÂ al. (2017) â€œControlling for genetic identity of varieties, pollen contamination and stigma receptivity is essential to characterize the selfâ€incompatibility system of <i>Olea europaea</i> L.â€ Eva:https://doi.org/10.1111/eva.12498. Evolutionary Applications, 2018, 11, 1465-1470.	3.1	9
8	Characterization of olive progenies derived from a Tunisian breeding program by morphological traits and SSR markers. Scientia Horticulturae, 2018, 236, 127-136.	3.6	12
9	Identification of olive pollen donor trees and pollinizers under controlled pollination environment using STR markers. Australian Journal of Crop Science, 2018, 12, 1566-1572.	0.3	2
10	The sporophytic self-incompatibility mating system is conserved in Olea europaea subsp. cuspidata and O. e. europaea. Euphytica, 2017, 213, 1.	1.2	3
11	â€˜Comment on Saumitou etÂ al. (2017): Elucidation of the genetic architecture of selfâ€incompatibility in olive: evolutionary consequences and perspectives for orchard managementâ€™. Evolutionary Applications, 2017, 10, 855-859.	3.1	6
12	Potential of combining morphometry and ancient DNA information to investigate grapevine domestication. Vegetation History and Archaeobotany, 2017, 26, 345-356.	2.1	20
13	A model based on S-allele dominance relationships to explain pseudo self-fertility of varieties in the olive tree. Euphytica, 2016, 210, 105-117.	1.2	14
14	Specific features in the olive self-incompatibility system: A method to decipher S-allele pairs based on fruit settings. Scientia Horticulturae, 2015, 181, 62-75.	3.6	15
15	The self-incompatibility mating system of the olive (Olea europaea L.) functions with dominance between S-alleles. Tree Genetics and Genomes, 2014, 10, 1055-1067.	1.6	39
16	Genetic and environmental features for oil composition in olive varieties. OCL - Oilseeds and Fats, Crops and Lipids, 2014, 21, D504.	1.4	3
17	From the Olive Flower to the Drupe: Flower Types, Pollination, Self and Inter-Compatibility and Fruit Set. , 2013, , .		7
18	New hypothesis elucidates self-incompatibility in the olive tree regarding S-alleles dominance relationships as in the sporophytic model. Comptes Rendus - Biologies, 2012, 335, 563-572.	0.2	34

#	Article	IF	Citations
19	Transfer of architectural traits from perennial Helianthus mollis Lam. to sunflower (H. annuus L.) and localisation of introgression. Euphytica, 2012, 186, 557-572.	1.2	8
20	Transcriptome Analysis of Sarracenia, an Insectivorous Plant. DNA Research, 2011, 18, 253-261.	3.4	28
21	Gene transfer from wild<i>Helianthus</i>to sunflower: topicalities and limits. Oleagineux Corps Gras Lipides, 2010, 17, 104-114.	0.2	15
22	Genetic Relationships between Cultivated and Wild Olive Trees (Olea Europaea L. Var. Europaea and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.4	22
23	Oil accumulation kinetic along ripening in four olive cultivars varying for fruit size. Oleagineux Corps Gras Lipides, 2009, 16, 58-64.	0.2	15
24	Oleaster (var. sylvestris) and subsp. cuspidata are suitable genetic resources for improvement of the olive (Olea europaea subsp. europaea var. europaea). Genetic Resources and Crop Evolution, 2009, 56, 393-403.	1.6	49
25	The origins of the domestication of the olive tree. Comptes Rendus - Biologies, 2009, 332, 1059-1064.	0.2	90
26	Are olive cultivars distinguishable from oleaster trees based on morphology of drupes and pits, oil composition and microsatellite polymorphisms?. Acta Botanica Gallica, 2008, 155, 531-545.	0.9	8
27	Genetic diversity in Tunisian olive accessions and their relatedness with other Mediterranean olive genotypes. Scientia Horticulturae, 2008, 115, 416-419.	3.6	10
28	Differences between native and introduced olive cultivars as revealed by morphology of drupes, oil composition and SSR polymorphisms: A case study in Tunisia. Scientia Horticulturae, 2008, 116, 280-290.	3.6	87
29	Taming the wild and â€˜wildingâ€™ the tame: Tree breeding and dispersal in Australia and the Mediterranean. Plant Science, 2008, 175, 197-205.	3.6	37
30	Comparison between classical and Bayesian methods to investigate the history of olive cultivars using SSR-polymorphisms. Plant Science, 2008, 175, 524-532.	3.6	82
31	Reply to comment on Breton et al.: â€œTaming the wild and â€˜wildingâ€™ the tame: Tree breeding and dispersal in Australia and the Mediterraneanâ€. Plant Science, 2008, 175, 208-209.	3.6	1
32	Genetic diversity and gene flow between the wild olive (oleaster, Olea europaea L.) and the olive: several Plio-Pleistocene refuge zones in the Mediterranean basin suggested by simple sequence repeats analysis. Journal of Biogeography, 2006, 33, 1916-1928.	3.0	138
33	Comparative Study of Methods for DNA Preparation from Olive Oil Samples to Identify Cultivar SSR Alleles in Commercial Oil Samples:Â Possible Forensic Applications. Journal of Agricultural and Food Chemistry, 2004, 52, 531-537.	5.2	80
34	Olive domestication from structure of oleasters and cultivars using nuclear RAPDs and mitochondrial RFLPs. Genetics Selection Evolution, 2001, 33, S251.	3.0	79
35	Cultivar Identification in Olive Based on RAPD Markers. Journal of the American Society for Horticultural Science, 2001, 126, 668-675.	1.0	93