Ana Wunsch

List of Publications by Year
in descending order

51 papers	1,165 citations	393982 19 h-index	395343 33 g-index
51 all docs	51 docs citations	51 times ranked	845 citing authors

#	Article	IF	Citations
1	Molecular characterisation of sweet cherry (Prunus avium L.) genotypes using peach [Prunus persica (L.) Batsch] SSR sequences. Heredity, 2002, 89, 56-63.	1.2	151
2	Title is missing!. Euphytica, 2002, 125, 59-67.	0.6	110
3	Genetic and molecular analysis in Cristobalina sweet cherry, a spontaneous self-compatible mutant. Sexual Plant Reproduction, 2004, 17, 203-210.	2.2	73
4	Cross-transferable polymorphic SSR loci in Prunus species. Scientia Horticulturae, 2009, 120, 348-352.	1.7	63
5	S-allele identification by PCR analysis in sweet cherry cultivars. Plant Breeding, 2004, 123, 327-331.	1.0	58
6	Characterization of variability and genetic similarity of European pear using microsatellite loci developed in apple. Scientia Horticulturae, 2007, 113, 37-43.	1.7	58
7	Characterization and mapping of non-S gametophytic self-compatibility in sweet cherry (Prunus avium) Tj ETQq1 1 0.784314 rgBT /Over	2.4	45
8	Cloning and characterization of genomic DNA sequences of four self-incompatibility alleles in sweet cherry (Prunus avium L.). Theoretical and Applied Genetics, 2004, 108, 299-305.	1.8	42
9	Sâ€RNase genotyping and incompatibility group assignment by PCR and pollination experiments in Japanese plum. Plant Breeding, 2009, 128, 304-311.	1.0	39
10	Molecular evaluation of genetic diversity and S-allele composition of local Spanish sweet cherry (Prunus avium L.) cultivars. Genetic Resources and Crop Evolution, 2004, 51, 635-641.	0.8	38
11	Genome Re-Sequencing of Diverse Sweet Cherry (Prunus avium) Individuals Reveals a Modifier Gene Mutation Conferring Pollen-Part Self-Compatibility. Plant and Cell Physiology, 2018, 59, 1265-1275.	1.5	37
12	Multiple-population QTL mapping of maturity and fruit-quality traits reveals LG4 region as a breeding target in sweet cherry (Prunus avium L.). Horticulture Research, 2020, 7, 127.	2.9	35
13	Two Novel Self-compatible S Haplotypes in Peach (Prunus persica). Japanese Society for Horticultural Science, 2014, 83, 203-213.	0.8	30
14	S-genotyping of sweet cherry varieties from Spain and S-locus diversity in Europe. Euphytica, 2014, 197, 229-236.	0.6	27
15	Flower Emasculation as the Cause for Lack of Fruit Set in Japanese Plum Crosses. Journal of the American Society for Horticultural Science, 2010, 135, 556-562.	0.5	25
16	Genetic variation in wild Prunus L. subgen. Cerasus germplasm from Iran characterized by nuclear and chloroplast SSR markers. Trees - Structure and Function, 2014, 28, 471-485.	0.9	24
17	Genetic Dissection of Bloom Time in Low Chilling Sweet Cherry (Prunus avium L.) Using a Multi-Family QTL Approach. Frontiers in Plant Science, 2019, 10, 1647.	1.7	23
18	Self-compatibility in â€˜Cristobalinaâ€™ sweet cherry is not associated with duplications or modified transcription levels of S-locus genes. Plant Cell Reports, 2010, 29, 715-721.	2.8	21

#	Article	IF	Citations
19	Molecular Characterization of Local Spanish Peach [Prunus persica (L.) Batsch] Germplasm. Genetic Resources and Crop Evolution, 2006, 53, 925-932.	0.8	19
20	Improved S-genotyping and new incompatibility groups in Japanese plum. Euphytica, 2012, 186, 445-452.	0.6	19
21	Pollen tube growth in the self-compatible sweet cherry genotype, â€˜Cristobalinaâ€™, is slowed down after self-pollination. Annals of Applied Biology, 2014, 164, 73-84.	1.3	19
22	High-density linkage maps constructed in sweet cherry (Prunus avium L.) using cross- and self-pollination populations reveal chromosomal homozygosity in inbred families and non-syntenic regions with the peach genome. Tree Genetics and Genomes, 2018, 14, 1.	0.6	18
23	Fruit size and firmness QTL alleles of breeding interest identified in a sweet cherry â€˜AmbrunÃ©sâ€™ Ã— â€˜Sweetheartâ€™ population. Molecular Breeding, 2020, 40, 1.	1.0	17
24	Lack of Fruit Set Caused by Ovule Degeneration in Japanese Plum. Journal of the American Society for Horticultural Science, 2011, 136, 375-381.	0.5	17
25	Characterization of accessions of â€˜Reine Claude Verteâ€™ plum using Prunus SRR and phenotypic traits. Scientia Horticulturae, 2014, 169, 57-65.	1.7	16
26	EST-SSR cross-amplification and genetic similarity in Onobrychis genus. Genetic Resources and Crop Evolution, 2012, 59, 253-260.	0.8	15
27	Characterization of self-compatibility in sweet cherry varieties by crossing experiments and molecular genetic analysis. Tree Genetics and Genomes, 2014, 10, 1205-1212.	0.6	15
28	Genetic Diversity of Local Peach (Prunus persica) Accessions from La Palma Island (Canary Islands,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	15
29	Sweet and Sour Cherries: Linkage Maps, QTL Detection and Marker Assisted Selection. , 2009, , 291-313.		14
30	Significant effect of accidental pollinations on the progeny of low setting Prunus interspecific crosses. Euphytica, 2006, 147, 389-394.	0.6	13
31	Sâ€locus diversity and crossâ€compatibility of wild Prunus avium for timber breeding. Plant Breeding, 2017, 136, 126-131.	1.0	11
32	QTL mapping of phenolic compounds and fruit colour in sweet cherry using a 6+9K SNP array genetic map. Scientia Horticulturae, 2021, 280, 109900.	1.7	11
33	Identification and Characterization of DAMs Mutations Associated With Early Blooming in Sweet Cherry, and Validation of DNA-Based Markers for Selection. Frontiers in Plant Science, 2021, 12, 621491.	1.7	9
34	SSR MARKERS FOR FINGERPRINTING PRUNUS SPECIES. Acta Horticulturae, 2009, , 689-694.	0.1	6
35	S-genotyping of 25 sweet cherry (Prunus avium L.) cultivars from the Czech Republic. Journal of Horticultural Science and Biotechnology, 2016, 91, 117-121.	0.9	6
36	HRM analysis of chloroplast and mitochondrial DNA revealed additional genetic variability in Prunus. Scientia Horticulturae, 2015, 197, 124-129.	1.7	5

#	Article	IF	Citations
37	â€˜Monreposâ€™, a Plum Rootstock for Cherries. Hortscience: A Publication of the American Society for Hortcultural Science, 2011, 46, 322-323.	0.5	4
38	Paternalâ€specific Sâ€allele transmission in sweet cherry (Prunus avium L.): the potential for sexual selection. Journal of Evolutionary Biology, 2016, 29, 490-501.	0.8	3
39	Pistacia. , 2011, , 119-128.		3
40	SELF-INCOMPATIBILITY IN JAPANESE PLUM Ã¢Â€Â“ S-ALLELE GENOTYPING OF CULTIVARS. Acta Horticulturae, 2010, , 169-174.	0.1	2
41	MOLECULAR DIVERSITY OF LOCAL SPANISH SWEET CHERRY CULTIVARS DETERMINED BY SSR AND S-LOCUS ANALYSIS. Acta Horticulturae, 2014, , 33-38.	0.1	2
42	MOLECULAR DISCRIMINATION OF "PICOTA" SWEET CHERRIES USING FRUIT TISSUE. Acta Horticulturae, 2014, , 75-78.	0.1	2
43	BULKED SEGREGANT ANALYSIS FOR THE IDENTIFICATION OF MOLECULAR MARKERS LINKED TO SELF-COMPATIBILITY IN 'CRISTOBALINA' SWEET CHERRY. Acta Horticulturae, 2009, , 395-400.	0.1	1
44	EVALUATION OF THE REPRODUCTIVE PROCESS AS THE CAUSE FOR LOW FRUIT SET IN TWO JAPANESE PLUM CULTIVARS. Acta Horticulturae, 2012, , 37-42.	0.1	1
45	S-allele diversity in Prunus L. Cerasus subgenus from Iran. Biochemical Systematics and Ecology, 2014, 53, 1-7.	0.6	1
46	Characterization of a gene co-expression network associated with MGST, the pollen modifier gene of gametophytic self-incompatibility in sweet cherry (Prunus avium L.). Acta Horticulturae, 2021, , 9-16.	0.1	1
47	S-ALLELE IDENTIFICATION IN JAPANESE PLUM CULTIVARS BY PCR AND CROSS-POLLINATION. Acta Horticulturae, 2009, , 405-410.	0.1	1
48	INFLUENCE OF POLLINATION ON THE LOW FRUIT SET IN JAPANESE PLUM. Acta Horticulturae, 2010, , 189-192.	0.1	0
49	JAPANESE PLUM (PRUNUS SALICINA LINDL.) PRODUCTION IN EXTREMADURA (SPAIN). Acta Horticulturae, 2010, , 377-380.	0.1	0
50	S-GENOTYPING IN JAPANESE PLUM BY PCR AND CAPILLARY GEL ELECTROPHORESIS DETECTION. Acta Horticulturae, 2012, , 139-142.	0.1	0
51	IDENTIFICATION OF A MICROSATELLITE MARKER LINKED TO SELF-COMPATIBILITY IN 'CRISTOBALINA' SWEET CHERRY. Acta Horticulturae, 2012, , 73-77.	0.1	0