

# Ana Wunsch

## List of Publications by Year in descending order

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Version: 2024-02-01

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	QTL mapping of phenolic compounds and fruit colour in sweet cherry using a 6+9K SNP array genetic map. <i>Scientia Horticulturae</i> , 2021, 280, 109900.	1.7	11
2	Characterization of a gene co-expression network associated with MGST, the pollen modifier gene of gametophytic self-incompatibility in sweet cherry ( <i>Prunus avium</i> L.). <i>Acta Horticulturae</i> , 2021, , 9-16.	0.1	1
3	Identification and Characterization of DAMs Mutations Associated With Early Blooming in Sweet Cherry, and Validation of DNA-Based Markers for Selection. <i>Frontiers in Plant Science</i> , 2021, 12, 621491.	1.7	9
4	Multiple-population QTL mapping of maturity and fruit-quality traits reveals LG4 region as a breeding target in sweet cherry ( <i>Prunus avium</i> L.). <i>Horticulture Research</i> , 2020, 7, 127.	2.9	35
5	Fruit size and firmness QTL alleles of breeding interest identified in a sweet cherry "Ambrun"™ "Sweetheart"™ population. <i>Molecular Breeding</i> , 2020, 40, 1.	1.0	17
6	Genetic Diversity of Local Peach ( <i>Prunus persica</i> ) Accessions from La Palma Island (Canary Islands,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	15
7	Genetic Dissection of Bloom Time in Low Chilling Sweet Cherry ( <i>Prunus avium</i> L.) Using a Multi-Family QTL Approach. <i>Frontiers in Plant Science</i> , 2019, 10, 1647.	1.7	23
8	Genome Re-Sequencing of Diverse Sweet Cherry ( <i>Prunus avium</i> ) Individuals Reveals a Modifier Gene Mutation Conferring Pollen-Part Self-Compatibility. <i>Plant and Cell Physiology</i> , 2018, 59, 1265-1275.	1.5	37
9	High-density linkage maps constructed in sweet cherry ( <i>Prunus avium</i> L.) using cross- and self-pollination populations reveal chromosomal homozygosity in inbred families and non-syntenic regions with the peach genome. <i>Tree Genetics and Genomes</i> , 2018, 14, 1.	0.6	18
10	S-locus diversity and cross-compatibility of wild <i>Prunus avium</i> for timber breeding. <i>Plant Breeding</i> , 2017, 136, 126-131.	1.0	11
11	Paternal-specific S-allele transmission in sweet cherry ( <i>Prunus avium</i> L.): the potential for sexual selection. <i>Journal of Evolutionary Biology</i> , 2016, 29, 490-501.	0.8	3
12	S-genotyping of 25 sweet cherry ( <i>Prunus avium</i> L.) cultivars from the Czech Republic. <i>Journal of Horticultural Science and Biotechnology</i> , 2016, 91, 117-121.	0.9	6
13	HRM analysis of chloroplast and mitochondrial DNA revealed additional genetic variability in <i>Prunus</i> . <i>Scientia Horticulturae</i> , 2015, 197, 124-129.	1.7	5
14	Two Novel Self-compatible S Haplotypes in Peach ( <i>Prunus persica</i> ). <i>Japanese Society for Horticultural Science</i> , 2014, 83, 203-213.	0.8	30
15	S-genotyping of sweet cherry varieties from Spain and S-locus diversity in Europe. <i>Euphytica</i> , 2014, 197, 229-236.	0.6	27
16	Genetic variation in wild <i>Prunus</i> L. subgen. <i>Cerasus</i> germplasm from Iran characterized by nuclear and chloroplast SSR markers. <i>Trees - Structure and Function</i> , 2014, 28, 471-485.	0.9	24
17	Pollen tube growth in the self-compatible sweet cherry genotype, "Cristobalina"™, is slowed down after self-pollination. <i>Annals of Applied Biology</i> , 2014, 164, 73-84.	1.3	19
18	Characterization of self-compatibility in sweet cherry varieties by crossing experiments and molecular genetic analysis. <i>Tree Genetics and Genomes</i> , 2014, 10, 1205-1212.	0.6	15

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19	Characterization of accessions of "Reine Claude Verte"™ plum using Prunus SRR and phenotypic traits. <i>Scientia Horticulturae</i> , 2014, 169, 57-65.	1.7	16
20	S-allele diversity in Prunus L. Cerasus subgenus from Iran. <i>Biochemical Systematics and Ecology</i> , 2014, 53, 1-7.	0.6	1
21	MOLECULAR DIVERSITY OF LOCAL SPANISH SWEET CHERRY CULTIVARS DETERMINED BY SSR AND S-LOCUS ANALYSIS. <i>Acta Horticulturae</i> , 2014, , 33-38.	0.1	2
22	MOLECULAR DISCRIMINATION OF "PICOTA" SWEET CHERRIES USING FRUIT TISSUE. <i>Acta Horticulturae</i> , 2014, , 75-78.	0.1	2
23	EVALUATION OF THE REPRODUCTIVE PROCESS AS THE CAUSE FOR LOW FRUIT SET IN TWO JAPANESE PLUM CULTIVARS. <i>Acta Horticulturae</i> , 2012, , 37-42.	0.1	1
24	Improved S-genotyping and new incompatibility groups in Japanese plum. <i>Euphytica</i> , 2012, 186, 445-452.	0.6	19
25	EST-SSR cross-amplification and genetic similarity in <i>Onobrychis</i> genus. <i>Genetic Resources and Crop Evolution</i> , 2012, 59, 253-260.	0.8	15
26	S-GENOTYPING IN JAPANESE PLUM BY PCR AND CAPILLARY GEL ELECTROPHORESIS DETECTION. <i>Acta Horticulturae</i> , 2012, , 139-142.	0.1	0
27	IDENTIFICATION OF A MICROSATELLITE MARKER LINKED TO SELF-COMPATIBILITY IN 'CRISTOBALINA' SWEET CHERRY. <i>Acta Horticulturae</i> , 2012, , 73-77.	0.1	0
28	Characterization and mapping of non-S gametophytic self-compatibility in sweet cherry ( <i>Prunus avium</i> ) Tj ETQq0 0 0 rgBT /Overlock 10	2.45	45
29	<i>Pistacia</i> . , 2011, , 119-128.		3
30	"Monrepos"™, a Plum Rootstock for Cherries. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011, 46, 322-323.	0.5	4
31	Lack of Fruit Set Caused by Ovule Degeneration in Japanese Plum. <i>Journal of the American Society for Horticultural Science</i> , 2011, 136, 375-381.	0.5	17
32	SELF-INCOMPATIBILITY IN JAPANESE PLUM " S-ALLELE GENOTYPING OF CULTIVARS. <i>Acta Horticulturae</i> , 2010, , 169-174.	0.1	2
33	INFLUENCE OF POLLINATION ON THE LOW FRUIT SET IN JAPANESE PLUM. <i>Acta Horticulturae</i> , 2010, , 189-192.	0.1	0
34	JAPANESE PLUM ( <i>PRUNUS SALICINA</i> LINDL.) PRODUCTION IN EXTREMADURA (SPAIN). <i>Acta Horticulturae</i> , 2010, , 377-380.	0.1	0
35	Self-compatibility in "Cristobalina"™ sweet cherry is not associated with duplications or modified transcription levels of S-locus genes. <i>Plant Cell Reports</i> , 2010, 29, 715-721.	2.8	21
36	Flower Emasculation as the Cause for Lack of Fruit Set in Japanese Plum Crosses. <i>Journal of the American Society for Horticultural Science</i> , 2010, 135, 556-562.	0.5	25

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37	SSR MARKERS FOR FINGERPRINTING PRUNUS SPECIES. Acta Horticulturae, 2009, , 689-694.	0.1	6
38	<i>S-RNase</i> genotyping and incompatibility group assignment by PCR and pollination experiments in Japanese plum. Plant Breeding, 2009, 128, 304-311.	1.0	39
39	Cross-transferable polymorphic SSR loci in Prunus species. Scientia Horticulturae, 2009, 120, 348-352.	1.7	63
40	Sweet and Sour Cherries: Linkage Maps, QTL Detection and Marker Assisted Selection. , 2009, , 291-313.		14
41	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
42	S-ALLELE IDENTIFICATION IN JAPANESE PLUM CULTIVARS BY PCR AND CROSS-POLLINATION. Acta Horticulturae, 2009, , 405-410.	0.1	1
43	Characterization of variability and genetic similarity of European pear using microsatellite loci developed in apple. Scientia Horticulturae, 2007, 113, 37-43.	1.7	58
44	Significant effect of accidental pollinations on the progeny of low setting Prunus interspecific crosses. Euphytica, 2006, 147, 389-394.	0.6	13
45	Molecular Characterization of Local Spanish Peach [ <i>Prunus persica</i> (L.) Batsch] Germplasm. Genetic Resources and Crop Evolution, 2006, 53, 925-932.	0.8	19
46	S-allele identification by PCR analysis in sweet cherry cultivars. Plant Breeding, 2004, 123, 327-331.	1.0	58
47	Molecular evaluation of genetic diversity and S-allele composition of local Spanish sweet cherry ( <i>Prunus avium</i> L.) cultivars. Genetic Resources and Crop Evolution, 2004, 51, 635-641.	0.8	38
48	Genetic and molecular analysis in Cristobalina sweet cherry, a spontaneous self-compatible mutant. Sexual Plant Reproduction, 2004, 17, 203-210.	2.2	73
49	Cloning and characterization of genomic DNA sequences of four self-incompatibility alleles in sweet cherry ( <i>Prunus avium</i> L.). Theoretical and Applied Genetics, 2004, 108, 299-305.	1.8	42
50	Molecular characterisation of sweet cherry ( <i>Prunus avium</i> L.) genotypes using peach [ <i>Prunus persica</i> (L.) Batsch] SSR sequences. Heredity, 2002, 89, 56-63.	1.2	151
51	Title is missing!. Euphytica, 2002, 125, 59-67.	0.6	110