

Javier Rodrigo

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,468
citations

331670

21
h-index

330143

37
g-index

61
all docs

61
docs citations

61
times ranked

913
citing authors

#	ARTICLE	IF	CITATIONS
1	Spring frosts in deciduous fruit trees – morphological damage and flower hardiness. <i>Scientia Horticulturae</i> , 2000, 85, 155-173.	3.6	203
2	Effects of pre-blossom temperatures on flower development and fruit set in apricot. <i>Scientia Horticulturae</i> , 2002, 92, 125-135.	3.6	120
3	Flower development in sweet cherry framed in the BBCH scale. <i>Scientia Horticulturae</i> , 2015, 192, 141-147.	3.6	109
4	Chilling and Heat Requirements of Temperate Stone Fruit Trees (<i>Prunus</i> sp.). <i>Agronomy</i> , 2020, 10, 409.	3.0	87
5	Stamen development and winter dormancy in apricot (<i>Prunus armeniaca</i>). <i>Annals of Botany</i> , 2011, 108, 617-625.	2.9	72
6	Influence of intraovular reserves on ovule fate in apricot (<i>Prunus armeniaca</i> L.). <i>Sexual Plant Reproduction</i> , 1998, 11, 86-93.	2.2	65
7	Ovary starch reserves and flower development in apricot (<i>Prunus armeniaca</i>). <i>Physiologia Plantarum</i> , 2000, 108, 35-41.	5.2	62
8	Unveiling winter dormancy through empirical experiments. <i>Environmental and Experimental Botany</i> , 2018, 152, 28-36.	4.2	50
9	Dormant Flower Buds Actively Accumulate Starch over Winter in Sweet Cherry. <i>Frontiers in Plant Science</i> , 2018, 9, 171.	3.6	48
10	Japanese plum pollination: A review. <i>Scientia Horticulturae</i> , 2015, 197, 674-686.	3.6	44
11	<i>S-RNase</i> genotyping and incompatibility group assignment by PCR and pollination experiments in Japanese plum. <i>Plant Breeding</i> , 2009, 128, 304-311.	1.9	39
12	Pistil traits and flower fate in apricot (<i>Prunus armeniaca</i>). <i>Annals of Applied Biology</i> , 2009, 154, 365-375.	2.5	36
13	Is there a specific stage to rest? Morphological changes in flower primordia in relation to endodormancy in sweet cherry (<i>Prunus avium</i> L.). <i>Trees - Structure and Function</i> , 2018, 32, 1583-1594.	1.9	36
14	Flower bud differentiation and development in fruiting and non-fruiting shoots in relation to fruit set in apricot (<i>Prunus armeniaca</i> L.). <i>Trees - Structure and Function</i> , 2010, 24, 833-841.	1.9	32
15	Optimizing Production in the New Generation of Apricot Cultivars: Self-incompatibility, S-RNase Allele Identification, and Incompatibility Group Assignment. <i>Frontiers in Plant Science</i> , 2018, 9, 527.	3.6	30
16	Anther meiosis time is related to winter cold temperatures in apricot (<i>Prunus armeniaca</i> L.). <i>Environmental and Experimental Botany</i> , 2014, 100, 20-25.	4.2	29
17	Ovary starch reserves and pistil development in avocado (<i>Persea americana</i>). <i>Physiologia Plantarum</i> , 2010, 140, 395-404.	5.2	27
18	Pistil Starch Reserves at Anthesis Correlate with Final Flower Fate in Avocado (<i>Persea americana</i>). <i>PLoS ONE</i> , 2013, 8, e78467.	2.5	27

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19	Evaluation of pollination as the cause of erratic fruit set in apricot "Moniqui"™. <i>The Journal of Horticultural Science</i> , 1996, 71, 801-805.	0.3	26
20	Structure and Expression of Bud Dormancy-Associated MADS-Box Genes (DAM) in European Plum. <i>Frontiers in Plant Science</i> , 2020, 11, 1288.	3.6	26
21	Anther and pollen development in sweet cherry (<i>Prunus avium</i> L.) in relation to winter dormancy. <i>Protoplasma</i> , 2019, 256, 733-744.	2.1	25
22	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.	1.0	25
23	Apricot. , 2007, , 171-187.		23
24	Starch determination in plant tissues using a computerized image analysis system. <i>Physiologia Plantarum</i> , 1997, 99, 105-110.	5.2	20
25	Self-(in)compatibility, S-RNase allele identification, and selection of pollinizers in new Japanese plum-type cultivars. <i>Scientia Horticulturae</i> , 2020, 261, 109022.	3.6	18
26	Identification of Self-Incompatibility Alleles by Specific PCR Analysis and S-RNase Sequencing in Apricot. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3612.	4.1	17
27	Development of Peach Flower Buds under Low Winter Chilling Conditions. <i>Agronomy</i> , 2020, 10, 428.	3.0	17
28	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.	1.0	17
29	Characterization of accessions of "Reine Claude Verte"™ plum using <i>Prunus</i> SRR and phenotypic traits. <i>Scientia Horticulturae</i> , 2014, 169, 57-65.	3.6	16
30	Flowering, fruit set and development.. , 2017, , 14-35.		16
31	Cultivar-specific responses of sweet cherry flowering to rising temperatures during dormancy. <i>Agricultural and Forest Meteorology</i> , 2021, 307, 108486.	4.8	15
32	Male meiosis in sweet cherry is constrained by the chilling and forcing phases of dormancy. <i>Tree Physiology</i> , 2021, 41, 619-630.	3.1	11
33	Flower Bud Dormancy in <i>Prunus</i> Species. , 2015, , 123-135.		10
34	Molecular Characterization of Genetic Diversity in Apricot Cultivars: Current Situation and Future Perspectives. <i>Agronomy</i> , 2021, 11, 1714.	3.0	8
35	Male Meiosis as a Biomarker for Endo- to Ecodormancy Transition in Apricot. <i>Frontiers in Plant Science</i> , 2022, 13, 842333.	3.6	8
36	Genetic Diversity and Population Structure of Japanese Plum-Type (Hybrids of <i>P. salicina</i>) Accessions Assessed by SSR Markers. <i>Agronomy</i> , 2021, 11, 1748.	3.0	7

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37	Flower bud development and chilling requirements in "Bing"™ sweet cherry. <i>Acta Horticulturae</i> , 2017, , 361-366.	0.2	5
38	Establishing Pollination Requirements in Japanese Plum by Phenological Monitoring, Hand Pollinations, Fluorescence Microscopy and Molecular Genotyping. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	5
39	Simple Sequence Repeat (SSR)-Based Genetic Diversity in Interspecific Plumcot-Type (<i>Prunus salicina</i> × <i>P. avium</i>) Cultivars. <i>Journal of Horticultural Science and Biotechnology</i> , 2014, , 114-119.	0.35	14
40	Combining Histochemical Staining and Image Analysis to Quantify Starch in the Ovary Primordia of Sweet Cherry during Winter Dormancy. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	4
41	SPRING FROST DAMAGE IN BUDS, FLOWERS AND DEVELOPING FRUITS IN APRICOT. <i>Acta Horticulturae</i> , 2006, , 87-88.	0.2	3
42	POLLEN DEVELOPMENT AND CHILLING REQUIREMENTS IN APRICOT CULTIVARS. <i>Acta Horticulturae</i> , 2009, , 417-420.	0.2	3
43	Effects of Synchrony and Nitroactive on flowering and ripening in sweet cherry. <i>Acta Horticulturae</i> , 2017, , 389-394.	0.2	3
44	Determination of Self- and Inter-(in)compatibility Relationships in Apricot Combining Hand-Pollination, Microscopy and Genetic Analyses. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	3
45	Pollination Management in Stone Fruit Crops. , 2021, , 75-102.		3
46	MORPHOLOGICAL AND PHYSIOLOGICAL PARAMETERS RELATED TO FLOWER QUALITY IN APRICOT. <i>Acta Horticulturae</i> , 2006, , 89-90.	0.2	2
47	SELF-INCOMPATIBILITY IN JAPANESE PLUM "S" ALLELE GENOTYPING OF CULTIVARS. <i>Acta Horticulturae</i> , 2010, , 169-174.	0.2	2
48	APRICOT FLOWER BUD DEVELOPMENT AND FRUIT SET IN DIFFERENT TYPES OF SHOOTS IN 'MONIQUI' VARIETY. <i>Acta Horticulturae</i> , 2010, , 337-342.	0.2	2
49	Starch determination in plant tissues using a computerized image analysis system. <i>Physiologia Plantarum</i> , 1997, 99, 105-110.	5.2	1
50	EVALUATION OF THE REPRODUCTIVE PROCESS AS THE CAUSE FOR LOW FRUIT SET IN TWO JAPANESE PLUM CULTIVARS. <i>Acta Horticulturae</i> , 2012, , 37-42.	0.2	1
51	S-RNase allele identification and incompatibility group assignment in apricot cultivars. <i>Acta Horticulturae</i> , 2018, , 9-14.	0.2	1
52	Flower bud development and winter dormancy in sweet cherry (<i>Prunus avium</i> L.). <i>Acta Horticulturae</i> , 2019, , 1-6.	0.2	1
53	Self-incompatibility and S-allele identification in new apricot cultivars. <i>Acta Horticulturae</i> , 2019, , 171-176.	0.2	1
54	S-ALLELE IDENTIFICATION IN JAPANESE PLUM CULTIVARS BY PCR AND CROSS-POLLINATION. <i>Acta Horticulturae</i> , 2009, , 405-410.	0.2	1

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55	FRUIT SET AND FLOWER QUALITY IN EARLY AND LATE FLOWERS IN APRICOT. Acta Horticulturae, 2010, , 233-236.	0.2	1
56	INFLUENCE OF POLLINATION ON THE LOW FRUIT SET IN JAPANESE PLUM. Acta Horticulturae, 2010, , 189-192.	0.2	0
57	JAPANESE PLUM (PRUNUS SALICINA LINDL.) PRODUCTION IN EXTREMADURA (SPAIN). Acta Horticulturae, 2010, , 377-380.	0.2	0
58	OVARY STARCH RESERVES AND REPRODUCTIVE PROCESS IN AVOCADO. Acta Horticulturae, 2012, , 79-82.	0.2	0
59	Pollen meiosis and chilling requirements in sweet cherry. Acta Horticulturae, 2019, , 395-400.	0.2	0
60	Reproductive behaviour of new South African cultivars of Japanese plum. Acta Horticulturae, 2019, , 55-58.	0.2	0
61	S-GENOTYPING IN JAPANESE PLUM BY PCR AND CAPILLARY GEL ELECTROPHORESIS DETECTION. Acta Horticulturae, 2012, , 139-142.	0.2	0