

David Ruiz

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,717
citations

304743

22
h-index

361022

35
g-index

38
all docs

38
docs citations

38
times ranked

1612
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Monitoring Apricot (<i>Prunus armeniaca</i> L.) Ripening Progression through Candidate Gene Expression Analysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4575. | 4.1 | 4 |
| 2 | Reducing the uncertainty on chilling requirements for endodormancy breaking of temperate fruits by data-based parameter estimation of the dynamic model: a test case in apricot. <i>Tree Physiology</i> , 2021, 41, 644-656. | 3.1 | 15 |
| 3 | Molecular Bases of Fruit Quality in <i>Prunus</i> Species: An Integrated Genomic, Transcriptomic, and Metabolic Review with a Breeding Perspective. <i>International Journal of Molecular Sciences</i> , 2021, 22, 333. | 4.1 | 40 |
| 4 | Identification of loci controlling phenology, fruit quality and post-harvest quantitative parameters in Japanese plum (<i>Prunus salicina</i> Lindl.). <i>Postharvest Biology and Technology</i> , 2020, 169, 111292. | 6.0 | 14 |
| 5 | Analysis of Metabolites and Gene Expression Changes Relative to Apricot (<i>Prunus armeniaca</i> L.) Fruit Quality During Development and Ripening. <i>Frontiers in Plant Science</i> , 2020, 11, 1269. | 3.6 | 36 |
| 6 | Identification of quantitative trait loci (QTLs) linked to Apple chlorotic leaf spot virus (ACLSV) resistance in apricot. <i>Euphytica</i> , 2019, 215, 1. | 1.2 | 2 |
| 7 | Phenotypical characterization and molecular fingerprinting of natural early-flowering mutants in apricot (<i>Prunus armeniaca</i> L.) and Japanese plum (<i>P. salicina</i> Lindl.). <i>Scientia Horticulturae</i> , 2019, 254, 187-192. | 3.6 | 13 |
| 8 | Identification of QTLs linked to fruit quality traits in apricot (<i>Prunus armeniaca</i> L.) and biological validation through gene expression analysis using qPCR. <i>Molecular Breeding</i> , 2019, 39, 1. | 2.1 | 43 |
| 9 | Development and applicability of GBS approach for genomic studies in Japanese plum (<i>Prunus</i>) Tj ETQq1 1 0.784314 rgBT ₇ /Overlo | 1.9 | 1 |
| 10 | Comparative Analysis of SSR Markers Developed in Exon, Intron, and Intergenic Regions and Distributed in Regions Controlling Fruit Quality Traits in <i>Prunus</i> Species: Genetic Diversity and Association Studies. <i>Plant Molecular Biology Reporter</i> , 2018, 36, 23-35. | 1.8 | 37 |
| 11 | “Cebasred”™ and “Primorosa”™ Apricots: Two New Self-compatible, Plum pox virus (Sharka)“resistant, and Very Early Ripening Cultivars for the Fresh Market. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 1919-1921. | 1.0 | 4 |
| 12 | Chilling and heat requirements of Japanese plum cultivars for flowering. <i>Scientia Horticulturae</i> , 2018, 242, 164-169. | 3.6 | 33 |
| 13 | Genotyping by Sequencing for SNP-Based Linkage Analysis and Identification of QTLs Linked to Fruit Quality Traits in Japanese Plum (<i>Prunus salicina</i> Lindl.). <i>Frontiers in Plant Science</i> , 2017, 8, 476. | 3.6 | 74 |
| 14 | Inheritance of reproductive phenology traits and related QTL identification in apricot. <i>Tree Genetics and Genomes</i> , 2016, 12, 1. | 1.6 | 33 |
| 15 | Quantitative trait loci (QTLs) identification and the transmission of resistance to powdery mildew in apricot. <i>Euphytica</i> , 2016, 211, 245-254. | 1.2 | 3 |
| 16 | Comparative analysis of traditional and modern apricot breeding programs: A case of study with Spanish and Tunisian apricot breeding germplasm. <i>Spanish Journal of Agricultural Research</i> , 2016, 14, e0706. | 0.6 | 10 |
| 17 | SNP development for genetic diversity analysis in apricot. <i>Tree Genetics and Genomes</i> , 2015, 11, 1. | 1.6 | 21 |
| 18 | Opportunities of marker-assisted selection for Plum pox virus resistance in apricot breeding programs. <i>Tree Genetics and Genomes</i> , 2014, 10, 513-525. | 1.6 | 30 |

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|----|--|-----|-----------|
| 19 | Understanding dormancy release in apricot flower buds (<i>Prunus armeniaca</i> L.) using several process-based phenological models. <i>Agricultural and Forest Meteorology</i> , 2014, 184, 210-219. | 4.8 | 39 |
| 20 | Quantitative Trait Loci (QTL) and Mendelian Trait Loci (MTL) Analysis in <i>Prunus</i> : a Breeding Perspective and Beyond. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 1-18. | 1.8 | 82 |
| 21 | Transmission of Fruit Quality Traits in Apricot (<i>Prunus armeniaca</i> L.) and Analysis of Linked Quantitative Trait Loci (QTLs) Using Simple Sequence Repeat (SSR) Markers. <i>Plant Molecular Biology Reporter</i> , 2013, 31, 1506-1517. | 1.8 | 44 |
| 22 | The relationship between xylem differentiation and dormancy evolution in apricot flower buds (<i>Prunus armeniaca</i> L.): the influence of environmental conditions in two Mediterranean areas. <i>Trees - Structure and Function</i> , 2012, 26, 919-928. | 1.9 | 32 |
| 23 | The fulfilment of chilling requirements and the adaptation of apricot (<i>Prunus armeniaca</i> L.) in warm winter climates: An approach in Murcia (Spain) and the Western Cape (South Africa). <i>European Journal of Agronomy</i> , 2012, 37, 43-55. | 4.1 | 120 |
| 24 | High temperatures and time to budbreak in low chill apricot "Palsteyn". Towards a better understanding of chill and heat requirements fulfilment. <i>Scientia Horticulturae</i> , 2011, 129, 649-655. | 3.6 | 40 |
| 25 | Inheritance of Flowering Time in Apricot (<i>Prunus armeniaca</i> L.) and Analysis of Linked Quantitative Trait Loci (QTLs) using Simple Sequence Repeat (SSR) Markers. <i>Plant Molecular Biology Reporter</i> , 2011, 29, 404-410. | 1.8 | 72 |
| 26 | Developing Microsatellite Multiplex and Megaplex PCR Systems for High-Throughput Characterization of Breeding Progenies and Linkage Maps Spanning the Apricot (<i>Prunus armeniaca</i> L.) Genome. <i>Plant Molecular Biology Reporter</i> , 2010, 28, 560-568. | 1.8 | 20 |
| 27 | "Mirlo Blanco", "Mirlo Anaranjado", and "Mirlo Rojo": Three New Very Early-season Apricots for the Fresh Market. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2010, 45, 1893-1894. | 1.0 | 15 |
| 28 | Rapid and non-destructive analysis of apricot fruit quality using FT-near-infrared spectroscopy. <i>Food Chemistry</i> , 2009, 113, 1323-1328. | 8.2 | 106 |
| 29 | Application of ATR-FTIR for a rapid and simultaneous determination of sugars and organic acids in apricot fruit. <i>Food Chemistry</i> , 2009, 115, 1133-1140. | 8.2 | 154 |
| 30 | Phenotypic diversity and relationships of fruit quality traits in apricot (<i>Prunus armeniaca</i> L.) germplasm. <i>Euphytica</i> , 2008, 163, 143-158. | 1.2 | 171 |
| 31 | Application of Reflectance Colorimeter Measurements and Infrared Spectroscopy Methods to Rapid and Nondestructive Evaluation of Carotenoids Content in Apricot (<i>Prunus armeniaca</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 4916-4922. | 5.2 | 54 |
| 32 | Modelling Wild-Oat Density in Terms of Soil Factors: A Machine Learning Approach. <i>Precision Agriculture</i> , 2005, 6, 213-228. | 6.0 | 4 |
| 33 | Carotenoids from New Apricot (<i>Prunus armeniaca</i> L.) Varieties and Their Relationship with Flesh and Skin Color. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6368-6374. | 5.2 | 161 |
| 34 | Characterization and Quantitation of Phenolic Compounds in New Apricot (<i>Prunus armeniaca</i> L.) Varieties. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 9544-9552. | 5.2 | 118 |
| 35 | Influence of rootstock on the productive behaviour of "Orange Red" apricot under Mediterranean conditions. <i>Fruits</i> , 2004, 59, 367-373. | 0.4 | 38 |
| 36 | Agroclimatic Metrics for the Main Stone Fruit Producing Areas in Spain in Current and Future Climate Change Scenarios: Implications From an Adaptive Point of View. <i>Frontiers in Plant Science</i> , 0, 13, . | 3.6 | 6 |