

# Maria Angeles Moreno

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5352196/publications.pdf>

Version: 2024-02-01

95  
papers

2,691  
citations

136740

32  
h-index

205818

48  
g-index

95  
all docs

95  
docs citations

95  
times ranked

1828  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Evaluation of the Antioxidant Capacity, Phenolic Compounds, and Vitamin C Content of Different Peach and Nectarine [ <i>Prunus persica</i> (L.) Batsch] Breeding Progenies. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4586-4592.          | 2.4 | 174       |
| 2  | Physiological, biochemical and molecular responses in four <i>Prunus</i> rootstocks submitted to drought stress. <i>Tree Physiology</i> , 2013, 33, 1061-1075.  | 1.4 | 132       |
| 3  | Influence of almond Ã— peach hybrids rootstocks on flower and leaf mineral concentration, yield and vigour of two peach cultivars. <i>Scientia Horticulturae</i> , 2005, 106, 502-514.  | 1.7 | 96        |
| 4  | Phenotypic diversity and relationships of fruit quality traits in peach and nectarine [ <i>Prunus persica</i> (L.) Batsch] breeding progenies. <i>Euphytica</i> , 2010, 171, 211.   | 0.6 | 87        |
| 5  | Chilling injury susceptibility in an intra-specific peach [ <i>Prunus persica</i> (L.) Batsch] progeny. <i>Postharvest Biology and Technology</i> , 2010, 58, 79-87.  | 2.9 | 86        |
| 6  | Influence of different vigour cherry rootstocks on leaves and shoots mineral composition. <i>Scientia Horticulturae</i> , 2007, 112, 73-79.   | 1.7 | 84        |
| 7  | Analysis of phenotypic variation of sugar profile in different peach and nectarine [ <i>Prunus persica</i> (L.) Batsch] breeding progenies. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 1909-1917.                                      | 1.7 | 73        |
| 8  | Genetic diversity of <i>Prunus</i> rootstocks analyzed by RAPD markers. <i>Euphytica</i> , 1999, 110, 139-149.  | 0.6 | 66        |
| 9  | Population structure and marker-trait associations for pomological traits in peach and nectarine cultivars. <i>Tree Genetics and Genomes</i> , 2013, 9, 331-349.  | 0.6 | 65        |
| 10 | Evaluation of Antioxidant Compounds and Total Sugar Content in a Nectarine [ <i>Prunus persica</i> (L.) Batsch] Progeny. <i>International Journal of Molecular Sciences</i> , 2011, 12, 6919-6935.  | 1.8 | 63        |
| 11 | Mapping QTLs associated with fruit quality traits in peach [ <i>Prunus persica</i> (L.) Batsch] using SNP maps. <i>Tree Genetics and Genomes</i> , 2016, 12, 1.   | 0.6 | 60        |
| 12 | Tolerance Response to Iron Chlorosis of <i>Prunus</i> Selections as Rootstocks. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008, 43, 304-309.  | 0.5 | 60        |
| 13 | Metabolic response in roots of <i>Prunus</i> rootstocks submitted to iron chlorosis. <i>Journal of Plant Physiology</i> , 2011, 168, 415-423.   | 1.6 | 58        |
| 14 | Influence of peach Ã— almond hybrids and plum-based rootstocks on mineral nutrition and yield characteristics of â€œBig Topâ€™ nectarine in replant and heavy-calcareous soil conditions. <i>Scientia Horticulturae</i> , 2015, 192, 475-481.                 | 1.7 | 57        |
| 15 | Changes in Cell/Tissue Organization and Peroxidase Activity as Markers for Early Detection of Graft Incompatibility in Peach/Plum Combinations. <i>Journal of the American Society for Horticultural Science</i> , 2010, 135, 9-17.                           | 0.5 | 55        |
| 16 | Graft Compatibility Between Peach Cultivars and <i>Prunus</i> Rootstocks. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 1389-1394.  | 0.5 | 54        |
| 17 | Influence of antioxidant compounds, total sugars and genetic background on the chilling injury susceptibility of a non-melting peach ( <i>Prunus persica</i> (L.) Batsch) progeny. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 351-358. | 1.7 | 51        |
| 18 | Flower and Foliar Analysis for Prognosis of Sweet Cherry Nutrition: Influence of Different Rootstocks. <i>Journal of Plant Nutrition</i> , 2004, 27, 701-712.   | 0.9 | 50        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Growth, yield and fruit quality of "Van"™ and "Stark Hardy Giant"™ sweet cherry cultivars as influenced by grafting on different rootstocks. <i>Scientia Horticulturae</i> , 2010, 123, 329-335.                                       | 1.7 | 50        |
| 20 | Phenotypic diversity among local Spanish and foreign peach and nectarine [ <i>Prunus persica</i> (L.) Batsch] accessions. <i>Euphytica</i> , 2014, 197, 261-277.   | 0.6 | 48        |
| 21 | Peach. , 2012, , 505-569.  |     | 44        |
| 22 | Agronomical and fruit quality traits of two peach cultivars on peach-almond hybrid rootstocks growing on Mediterranean conditions. <i>Scientia Horticulturae</i> , 2012, 140, 157-163.   | 1.7 | 41        |
| 23 | Influence of plum rootstocks on agronomic performance, leaf mineral nutrition and fruit quality of "Catherina"™ peach cultivar in heavy-calcareous soil conditions. <i>Spanish Journal of Agricultural Research</i> , 2017, 15, e0901. | 0.3 | 41        |
| 24 | Performance of "Sunburst"™ sweet cherry grafted on different rootstocks. <i>Journal of Horticultural Science and Biotechnology</i> , 2001, 76, 167-173.  | 0.9 | 39        |
| 25 | Elemental 2-D mapping and changes in leaf iron and chlorophyll in response to iron re-supply in iron-deficient GF 677 peach-almond hybrid. <i>Plant and Soil</i> , 2009, 315, 93-106.  | 1.8 | 38        |
| 26 | Physiological responses and differential gene expression in <i>Prunus</i> rootstocks under iron deficiency conditions. <i>Journal of Plant Physiology</i> , 2011, 168, 887-893.  | 1.6 | 37        |
| 27 | Molecular characterization and genetic diversity of <i>Prunus</i> rootstocks. <i>Scientia Horticulturae</i> , 2009, 120, 237-245.  | 1.7 | 36        |
| 28 | Performance of peach and plum based rootstocks of different vigour on a late peach cultivar in replant and calcareous conditions. <i>Scientia Horticulturae</i> , 2011, 129, 58-63.  | 1.7 | 36        |
| 29 | Performance of <i>Prunus</i> rootstocks for apricot in Mediterranean conditions. <i>Scientia Horticulturae</i> , 2010, 124, 354-359.   | 1.7 | 35        |
| 30 | Horticultural, leaf mineral and fruit quality traits of two "Greengage"™ plum cultivars budded on plum based rootstocks in Mediterranean conditions. <i>Scientia Horticulturae</i> , 2018, 232, 84-91.                                 | 1.7 | 35        |
| 31 | Sugars and organic acids profile and antioxidant compounds of nectarine fruits influenced by different rootstocks. <i>Scientia Horticulturae</i> , 2019, 248, 145-153.   | 1.7 | 35        |
| 32 | Chloroplast DNA Diversity in <i>Prunus</i> and Its Implication on Genetic Relationships. <i>Journal of the American Society for Horticultural Science</i> , 2007, 132, 670-679.  | 0.5 | 35        |
| 33 | The performance of Adara as a cherry rootstock. <i>Scientia Horticulturae</i> , 1996, 65, 85-91.   | 1.7 | 34        |
| 34 | BREEDING AND SELECTION OF PRUNUS ROOTSTOCKS AT THE AULA DEI EXPERIMENTAL STATION, ZARAGOZA, SPAIN. <i>Acta Horticulturae</i> , 2004, , 519-528.  | 0.1 | 34        |
| 35 | Agronomical Parameters, Sugar Profile and Antioxidant Compounds of "Catherine"™ Peach Cultivar Influenced by Different Plum Rootstocks. <i>International Journal of Molecular Sciences</i> , 2014, 15, 2237-2254.                      | 1.8 | 33        |
| 36 | Resistance of Peach and Plum Rootstocks from Spain, France, and Italy to Root-knot Nematode <i>Meloidogyne javanica</i> . <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1999, 34, 1259-1262.   | 0.5 | 33        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Analysis of the genetic diversity and structure of the Spanish apple genetic resources suggests the existence of an Iberian gene pool. <i>Annals of Applied Biology</i> , 2017, 171, 424-440.   | 1.3 | 31        |
| 38 | Genetic variability of introduced and local Spanish peach cultivars determined by SSR markers. <i>Tree Genetics and Genomes</i> , 2011, 7, 257-270.   | 0.6 | 30        |
| 39 | Association Mapping Analysis for Fruit Quality Traits in <i>Prunus persica</i> Using SNP Markers. <i>Frontiers in Plant Science</i> , 2018, 9, 2005.  | 1.7 | 30        |
| 40 | Agronomic and physicochemical fruit properties of "Big Top"™ nectarine budded on peach and plum based rootstocks in Mediterranean conditions. <i>Scientia Horticulturae</i> , 2016, 210, 85-92.   | 1.7 | 28        |
| 41 | EFFECT OF SEVERAL PEACH x ALMOND HYBRID ROOTSTOCKS ON FRUIT QUALITY OF PEACHES. <i>Acta Horticulturae</i> , 2004, , 321-326.  | 0.1 | 27        |
| 42 | Fruit sugar profile and antioxidants of peach and nectarine cultivars on almond-peach hybrid rootstocks. <i>Scientia Horticulturae</i> , 2013, 164, 563-572.  | 1.7 | 27        |
| 43 | Performance of Adafuel and Adarcias as Peach Rootstocks. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1994, 29, 1271-1273.   | 0.5 | 27        |
| 44 | Assessment of genetic diversity and relatedness among Tunisian almond germplasm using SSR markers. <i>Hereditas</i> , 2010, 147, 283-292.   | 0.5 | 25        |
| 45 | Scion Rootstock Response on Production, Mineral Composition and Fruit Quality under Heavy-Calcareous Soil and Hot Climate. <i>Agronomy</i> , 2020, 10, 1159.  | 1.3 | 25        |
| 46 | Molecular characterization of Miraflores peach variety and relatives using SSRs. <i>Scientia Horticulturae</i> , 2007, 111, 140-145.  | 1.7 | 24        |
| 47 | Long-term graft compatibility study of peach-almond hybrid and plum based rootstocks budded with European and Japanese plums. <i>Scientia Horticulturae</i> , 2019, 243, 392-400.   | 1.7 | 23        |
| 48 | Aptitude for mycorrhizal root colonization in <i>Prunus</i> rootstocks. <i>Scientia Horticulturae</i> , 2004, 100, 39-49.   | 1.7 | 22        |
| 49 | Anatomical graft compatibility study between apricot cultivars and different plum based rootstocks. <i>Scientia Horticulturae</i> , 2018, 237, 67-73.   | 1.7 | 22        |
| 50 | Performance of "Subirana"™ flat peach cultivar budded on different <i>Prunus</i> rootstocks in a warm production area in North Africa. <i>Scientia Horticulturae</i> , 2016, 206, 24-32.  | 1.7 | 21        |
| 51 | Genetic origin and climate determine fruit quality and antioxidant traits on apple ( <i>Malus x domestica</i> ) Tj ETQq1 1 0,784314 rgBT /Ove   | 1.7 | 21        |
| 52 | Genome-wide SNP identification in <i>Prunus</i> rootstocks germplasm collections using Genotyping-by-Sequencing: phylogenetic analysis, distribution of SNPs and prediction of their effect on gene function. <i>Scientific Reports</i> , 2020, 10, 1467. | 1.6 | 21        |
| 53 | INFLUENCE OF ROOTSTOCK ON THE MINERAL CONCENTRATIONS OF FLOWERS AND LEAVES FROM SWEET CHERRY. <i>Acta Horticulturae</i> , 1997, , 163-168.  | 0.1 | 18        |
| 54 | Biochemical Characterization and Differential Expression of PAL Genes Associated With "Translocated" Peach/Plum Graft-Incompatibility. <i>Frontiers in Plant Science</i> , 2021, 12, 622578.  | 1.7 | 16        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Optimizing protocols to evaluate brown rot ( <i>Monilinia laxa</i> ) susceptibility in peach and nectarine fruits. <i>Australasian Plant Pathology</i> , 2017, 46, 183-189.                                   | 0.5 | 15        |
| 56 | Potential of new <i>Prunus cerasifera</i> based rootstocks for adapting under heavy and calcareous soil conditions. <i>Scientia Horticulturae</i> , 2018, 234, 193-200.                                       | 1.7 | 14        |
| 57 | Protein and amino acid content in compatible and incompatible peach/plum grafts. <i>The Journal of Horticultural Science</i> , 1994, 69, 955-962.   | 0.3 | 13        |
| 58 | EFFECT OF SEVERAL ROOTSTOCKS ON FRUIT QUALITY OF 'SUNBURST' SWEET CHERRY. <i>Acta Horticulturae</i> , 2004, , 353-358.  | 0.1 | 13        |
| 59 | Effect of Genetics and Climate on Apple Sugars and Organic Acids Profiles. <i>Agronomy</i> , 2022, 12, 827.   | 1.3 | 13        |
| 60 | Phenotypic diversity of Spanish apple ( <i>Malus x domestica</i> Borkh) accessions grown at the vulnerable climatic conditions of the Ebro Valley, Spain. <i>Scientia Horticulturae</i> , 2015, 185, 200-210. | 1.7 | 12        |
| 61 | Exploring Genome-Wide Diversity in the National Peach ( <i>Prunus persica</i> ) Germplasm Collection at CITA (Zaragoza, Spain). <i>Agronomy</i> , 2021, 11, 481.  | 1.3 | 11        |
| 62 | FLORAL ANALYSIS: FRESH AND DRY WEIGHT OF FLOWERS FROM DIFFERENT FRUIT TREE SPECIES. <i>Acta Horticulturae</i> , 1997, , 233-240.  | 0.1 | 9         |
| 63 | Genetic analysis of iron chlorosis tolerance in <i>Prunus</i> rootstocks. <i>Tree Genetics and Genomes</i> , 2012, 8, 943-955.  | 0.6 | 9         |
| 64 | Seleção de progênies e genitores de pessegueiro com base nas características dos frutos. <i>Revista Brasileira De Fruticultura</i> , 2011, 33, 170-179.   | 0.2 | 8         |
| 65 | Leaf mineral nutrition and tree vigor of 'Subirana'™ flat peach cultivar grafted on different <i>Prunus</i> rootstocks in a warm Mediterranean area. <i>Journal of Plant Nutrition</i> , 2020, 43, 811-822.   | 0.9 | 8         |
| 66 | <i>Prunus</i> hybrids rootstocks for flat peach. <i>Scientia Agricola</i> , 2012, 69, 13-18.  | 0.6 | 7         |
| 67 | GRAFT COMPATIBILITY FOR NEW PEACH ROOTSTOCKS IN NURSERY. <i>Acta Horticulturae</i> , 2006, , 327-330.   | 0.1 | 6         |
| 68 | Divergência genética entre progênies de pessegueiro em Zaragoza, Espanha. <i>Revista Brasileira De Fruticultura</i> , 2011, 33, 303-310.  | 0.2 | 6         |
| 69 | Effect of eight different rootstocks on agronomic and fruit quality parameters of two sweet cherry cultivars in Mediterranean conditions. <i>Acta Horticulturae</i> , 2017, , 315-320.                        | 0.1 | 6         |
| 70 | GENETIC DIVERSITY OF PRUNUS ROOTSTOCKS USING MICROSATELLITE MARKERS. <i>Acta Horticulturae</i> , 2004, , 625-628.   | 0.1 | 6         |
| 71 | RESPONSE OF LOW AND MEDIUM VIGOUR ROOTSTOCKS FOR PEACH TO BIOTIC AND ABIOTIC STRESSES. <i>Acta Horticulturae</i> , 2012, , 627-632.   | 0.1 | 5         |
| 72 | Effects of Auxin (Indole-3-butyric Acid) on Adventitious Root Formation in Peach-Based <i>Prunus</i> Rootstocks. <i>Plants</i> , 2022, 11, 913.   | 1.6 | 5         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | QTL ANALYSIS OF FRUIT QUALITY TRAITS IN PEACH [PRUNUS PERSICA (L.) BATSCH] USING DENSE SNP MAPS. Acta Horticulturae, 2015, , 703-710.  | 0.1 | 4         |
| 74 | EFFECT OF ALMOND Æ— PEACH HYBRID ROOTSTOCKS ON FRUIT QUALITY PARAMETERS AND YIELD CHARACTERISTICS OF PEACH CULTIVARS. Acta Horticulturae, 2012, , 599-603.   | 0.1 | 4         |
| 75 | Genotyping-by-sequencing (GBS) for SNP-based linkage map construction for two Prunus rootstocks from a peach rootstock breeding program. Acta Horticulturae, 2021, , 113-120.  | 0.1 | 3         |
| 76 | EFFECT OF THE EMBRYO GENOTYPE ON THE CHILLING REQUIREMENT FOR OVERCOMING PEACH SEED DORMANCY. Acta Horticulturae, 2012, , 195-201.   | 0.1 | 3         |
| 77 | RESULTS ON THE PERFORMANCE OF SEVERAL PRUNUS ROOTSTOCKS FOR PEACH. Acta Horticulturae, 2015, , 147-152.  | 0.1 | 2         |
| 78 | Development of a standardized methodology for phenotypical characterizations in apple. Acta Horticulturae, 2017, , 367-370.  | 0.1 | 2         |
| 79 | FRUIT QUALITY ATTRIBUTES OF NEW PEACH AND NECTARINE VARIETIES UNDER SELECTION IN THE EBRO VALLEY CONDITIONS (SPAIN). Acta Horticulturae, 2009, , 493-500.  | 0.1 | 2         |
| 80 | GENETIC CONTROL AND LOCATION OF QTLs INVOLVED IN ANTIOXIDANT CAPACITY AND FRUIT QUALITY TRAITS IN PEACH [PRUNUS PERSICA (L.) BATSCH]. Acta Horticulturae, 2012, , 129-134.   | 0.1 | 2         |
| 81 | GENETIC ANALYSIS OF IRON CHLOROSIS TOLERANCE IN MYROBALAN PLUM X ALMOND-PEACH HYBRIDS. Acta Horticulturae, 2009, , 799-804.  | 0.1 | 1         |
| 82 | Graft compatibility for new released <i>Prunus</i> rootstocks. Acta Horticulturae, 2018, , 175-180.  | 0.1 | 1         |
| 83 | Genome-wide identification of single nucleotide polymorphisms (SNPs) and molecular characterization of <i>Prunus</i> rootstock germplasm using a genotyping-by-sequencing (GBS) approach. Acta Horticulturae, 2018, , 27-34. | 0.1 | 1         |
| 84 | Molecular and Evolutionary Characterization of Pollen S Determinant (SFB Alleles) in Four Diploid and Hexaploid Plum Species ( <i>Prunus</i> spp.). Biochemical Genetics, 2021, 59, 42-61.                                   | 0.8 | 1         |
| 85 | Performance of sixteen <i>Prunus</i> rootstocks budded with the nectarine cultivar ‘Big Top’™ and grown under root asphyxia conditions. Acta Horticulturae, 2021, , 237-242.   | 0.1 | 1         |
| 86 | Phenotypic analysis of fruit quality traits and effect of climate in an apple ( <i>Malus Æ— domestica</i> Borkh) germplasm bank of Arag n, Spain. Acta Horticulturae, 2021, , 109-114.                                       | 0.1 | 1         |
| 87 | Genetic study of flower traits in a segregating peach-almond progeny. Acta Horticulturae, 2021, , 63-70.   | 0.1 | 1         |
| 88 | Qualidade e suscetibilidade de p ssegos e nectarinas aos danos causados pelo frio. Colloquium Agrariae, 2019, 15, 22-39.   | 0.1 | 1         |
| 89 | Genetic Diversity and Genome-Wide Association Study of Morphological and Quality Traits in Peach Using Two Spanish Peach Germplasm Collections. Frontiers in Plant Science, 2022, 13, 854770.                                | 1.7 | 1         |
| 90 | QTLs Identification for Iron Chlorosis in a Segregating Peach ‘Almond Progeny Through Double-Digest Sequence-Based Genotyping (SBG). Frontiers in Plant Science, 2022, 13, .   | 1.7 | 1         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 91 | POMOLOGICAL AND BIOCHEMICAL CHARACTERIZATION OF TWO TURKISH ALMOND CULTIVARS GROWN IN THE ANATOLIA REGION. <i>Acta Horticulturae</i> , 2014, , 239-242.  | 0.1 | 0         |
| 92 | Evaluation of the tolerance of seven citrus rootstocks to <i>Phytophthora gummosis</i> under saline conditions. <i>Acta Horticulturae</i> , 2021, , 361-368.   | 0.1 | 0         |
| 93 | Improvement of salt tolerance and resistance to <i>Phytophthora gummosis</i> in citrus rootstocks by controlled hybridization. <i>Acta Horticulturae</i> , 2021, , 351-360.  | 0.1 | 0         |
| 94 | SCREENING PRUNUS ROOTSTOCKS FOR TOLERANCE TO IRON CHLOROSIS. <i>Acta Horticulturae</i> , 2004, , 799-802.  | 0.1 | 0         |
| 95 | DIVERGÊNCIA E SELEÇÃO DE PESSEGUEIROS E NECTARINEIRAS BASEADA NA QUALIDADE DOS FRUTOS / DIVERGENCE AND SELECTION OF PEACHES AND NECTARINES BASED ON QUALITY OF FRUITS. <i>Brazilian Journal of Development</i> , 2020, 6, 82386-82406. | 0.0 | 0         |