

# Maria Angeles Moreno

## List of Publications by Year in descending order

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95  
papers

2,691  
citations

136950

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95  
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95  
docs citations

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times ranked

1828  
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#	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.	5.2	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.	3.1	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.	3.6	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.	1.2	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.	6.0	86
6	Influence of different vigour cherry rootstocks on leaves and shoots mineral composition. <i>Scientia Horticulturae</i> , 2007, 112, 73-79.	3.6	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.	3.5	73
8	Genetic diversity of <i>Prunus</i> rootstocks analyzed by RAPD markers. <i>Euphytica</i> , 1999, 110, 139-149.	1.2	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.	1.6	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.	4.1	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.	1.6	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.	1.0	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.	3.5	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.	3.6	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.	1.0	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.	1.0	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.	3.5	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.	1.9	50

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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.	3.6	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.	1.2	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.	3.6	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.	0.6	41
24	Performance of "Sunburst"™ sweet cherry grafted on different rootstocks. <i>Journal of Horticultural Science and Biotechnology</i> , 2001, 76, 167-173.	1.9	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.	3.7	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.	3.5	37
27	Molecular characterization and genetic diversity of <i>Prunus</i> rootstocks. <i>Scientia Horticulturae</i> , 2009, 120, 237-245.	3.6	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.	3.6	36
29	Performance of <i>Prunus</i> rootstocks for apricot in Mediterranean conditions. <i>Scientia Horticulturae</i> , 2010, 124, 354-359.	3.6	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.	3.6	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.	3.6	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.	1.0	35
33	The performance of Adara as a cherry rootstock. <i>Scientia Horticulturae</i> , 1996, 65, 85-91.	3.6	34
34	BREEDING AND SELECTION OF PRUNUS ROOTSTOCKS AT THE AULA DEI EXPERIMENTAL STATION, ZARAGOZA, SPAIN. <i>Acta Horticulturae</i> , 2004, , 519-528.	0.2	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.	4.1	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.	1.0	33

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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.	2.5	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.	1.6	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.	3.6	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.	3.6	28
41	EFFECT OF SEVERAL PEACH x ALMOND HYBRID ROOTSTOCKS ON FRUIT QUALITY OF PEACHES. <i>Acta Horticulturae</i> , 2004, , 321-326.	0.2	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.	3.6	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.	1.0	27
44	Assessment of genetic diversity and relatedness among Tunisian almond germplasm using SSR markers. <i>Hereditas</i> , 2010, 147, 283-292.	1.4	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.	3.0	25
46	Molecular characterization of Miraflores peach variety and relatives using SSRs. <i>Scientia Horticulturae</i> , 2007, 111, 140-145.	3.6	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.	3.6	23
48	Aptitude for mycorrhizal root colonization in <i>Prunus</i> rootstocks. <i>Scientia Horticulturae</i> , 2004, 100, 39-49.	3.6	22
49	Anatomical graft compatibility study between apricot cultivars and different plum based rootstocks. <i>Scientia Horticulturae</i> , 2018, 237, 67-73.	3.6	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.	3.6	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	3.6	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.	3.3	21
53	INFLUENCE OF ROOTSTOCK ON THE MINERAL CONCENTRATIONS OF FLOWERS AND LEAVES FROM SWEET CHERRY. <i>Acta Horticulturae</i> , 1997, , 163-168.	0.2	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.	3.6	16

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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.	1.0	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.	3.6	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.	0.2	13
59	Effect of Genetics and Climate on Apple Sugars and Organic Acids Profiles. <i>Agronomy</i> , 2022, 12, 827.	3.0	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.	3.6	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.	3.0	11
62	FLORAL ANALYSIS: FRESH AND DRY WEIGHT OF FLOWERS FROM DIFFERENT FRUIT TREE SPECIES. <i>Acta Horticulturae</i> , 1997, , 233-240.	0.2	9
63	Genetic analysis of iron chlorosis tolerance in <i>Prunus</i> rootstocks. <i>Tree Genetics and Genomes</i> , 2012, 8, 943-955.	1.6	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.	0.5	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.	1.9	8
66	<i>Prunus</i> hybrids rootstocks for flat peach. <i>Scientia Agricola</i> , 2012, 69, 13-18.	1.2	7
67	GRAFT COMPATIBILITY FOR NEW PEACH ROOTSTOCKS IN NURSERY. <i>Acta Horticulturae</i> , 2006, , 327-330.	0.2	6
68	Divergência genética entre progênies de pessegueiro em Zaragoza, Espanha. <i>Revista Brasileira De Fruticultura</i> , 2011, 33, 303-310.	0.5	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.	0.2	6
70	GENETIC DIVERSITY OF PRUNUS ROOTSTOCKS USING MICROSATELLITE MARKERS. <i>Acta Horticulturae</i> , 2004, , 625-628.	0.2	6
71	RESPONSE OF LOW AND MEDIUM VIGOUR ROOTSTOCKS FOR PEACH TO BIOTIC AND ABIOTIC STRESSES. <i>Acta Horticulturae</i> , 2012, , 627-632.	0.2	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.	3.5	5

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73	QTL ANALYSIS OF FRUIT QUALITY TRAITS IN PEACH [PRUNUS PERSICA (L.) BATSCH] USING DENSE SNP MAPS. Acta Horticulturae, 2015, , 703-710.	0.2	4
74	EFFECT OF ALMOND Æ— PEACH HYBRID ROOTSTOCKS ON FRUIT QUALITY PARAMETERS AND YIELD CHARACTERISTICS OF PEACH CULTIVARS. Acta Horticulturae, 2012, , 599-603.	0.2	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.	0.2	3
76	EFFECT OF THE EMBRYO GENOTYPE ON THE CHILLING REQUIREMENT FOR OVERCOMING PEACH SEED DORMANCY. Acta Horticulturae, 2012, , 195-201.	0.2	3
77	RESULTS ON THE PERFORMANCE OF SEVERAL PRUNUS ROOTSTOCKS FOR PEACH. Acta Horticulturae, 2015, , 147-152.	0.2	2
78	Development of a standardized methodology for phenotypical characterizations in apple. Acta Horticulturae, 2017, , 367-370.	0.2	2
79	FRUIT QUALITY ATTRIBUTES OF NEW PEACH AND NECTARINE VARIETIES UNDER SELECTION IN THE EBRO VALLEY CONDITIONS (SPAIN). Acta Horticulturae, 2009, , 493-500.	0.2	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.	0.2	2
81	GENETIC ANALYSIS OF IRON CHLOROSIS TOLERANCE IN MYROBALAN PLUM X ALMOND-PEACH HYBRIDS. Acta Horticulturae, 2009, , 799-804.	0.2	1
82	Graft compatibility for new released <i>Prunus</i> rootstocks. Acta Horticulturae, 2018, , 175-180.	0.2	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.	0.2	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.	1.7	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.	0.2	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.	0.2	1
87	Genetic study of flower traits in a segregating peach-almond progeny. Acta Horticulturae, 2021, , 63-70.	0.2	1
88	Qualidade e suscetibilidade de p�ssegos e nectarinas aos danos causados pelo frio. Colloquium Agrariae, 2019, 15, 22-39.	0.2	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.	3.6	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, .	3.6	1

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91	POMOLOGICAL AND BIOCHEMICAL CHARACTERIZATION OF TWO TURKISH ALMOND CULTIVARS GROWN IN THE ANATOLIA REGION. <i>Acta Horticulturae</i> , 2014, , 239-242.	0.2	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.	0.2	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.	0.2	0
94	SCREENING PRUNUS ROOTSTOCKS FOR TOLERANCE TO IRON CHLOROSIS. <i>Acta Horticulturae</i> , 2004, , 799-802.	0.2	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.	0.1	0