

# Maru00eda Yolanda Gogorcena

## List of Publications by Year in descending order

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85  
papers

3,797  
citations

87888

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138484

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86  
all docs

86  
docs citations

86  
times ranked

3178  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning promoter boundaries improves regulatory motif discovery in nonmodel plants: the peach example. <i>Plant Physiology</i> , 2021, 185, 1242-1258.	4.8	25
2	Association analysis and molecular tagging of phytochemicals in the endangered medicinal plant licorice ( <i>Glycyrrhiza glabra</i> L.). <i>Phytochemistry</i> , 2021, 183, 112629.	2.9	11
3	Beneficial effect of mycorrhiza on nutritional uptake and oxidative balance in pistachio ( <i>Pistacia</i> spp.) rootstocks submitted to drought and salinity stress. <i>Scientia Horticulturae</i> , 2021, 281, 109937.	3.6	23
4	Assessment of Nutritional and Quality Properties of Leaves and Musts in Three Local Spanish Grapevine Varieties Undergoing Controlled Climate Change Scenarios. <i>Plants</i> , 2021, 10, 1198.	3.5	3
5	Molecular, Physico-Chemical, and Sensory Characterization of the Traditional Spanish Apple Variety 'Pero de Ceheg�n'. <i>Agronomy</i> , 2020, 10, 1093.	3.0	1
6	Simple Sequence Repeat Characterisation of Traditional Apple Cultivars ( <i>Malus domestica</i> Borkh.) Grown in the Region of Madrid (Central Spain). <i>Plant Molecular Biology Reporter</i> , 2020, 38, 676-690.	1.8	5
7	Is the Tolerance of Commercial Peach Cultivars to Brown Rot Caused by <i>Monilinia laxa</i> Modulated by its Antioxidant Content?. <i>Plants</i> , 2020, 9, 589.	3.5	6
8	Interactional Effects of Climate Change Factors on the Water Status, Photosynthetic Rate, and Metabolic Regulation in Peach. <i>Frontiers in Plant Science</i> , 2020, 11, 43.	3.6	23
9	Genomic-Based Breeding for Climate-Smart Peach Varieties. , 2020, , 271-331.		11
10	Breeding strategies for identifying superior peach genotypes resistant to brown rot. <i>Scientia Horticulturae</i> , 2019, 246, 1028-1036.	3.6	15
11	Peach Brown Rot: Still in Search of an Ideal Management Option. <i>Agriculture (Switzerland)</i> , 2018, 8, 125.	3.1	44
12	Parrel, vin�fera aragonesa de la depresi3n del Ebro. Adaptaci3n a terroir semi�ridos de cultivo.. E3S Web of Conferences, 2018, 50, 01045.	0.5	0
13	Effects of pH and titratable acidity on the growth and development of <i>Monilinia laxa</i> (Aderh. & Tj) ETQq1 1 0.784314 rgBT /Over 1.7 11		
14	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
15	Phenolic, sugar and acid profiles and the antioxidant composition in the peel and pulp of peach fruits. <i>Journal of Food Composition and Analysis</i> , 2017, 62, 126-133.	3.9	78
16	Responsiveness of Durum Wheat to Mycorrhizal Inoculation Under Different Environmental Scenarios. <i>Journal of Plant Growth Regulation</i> , 2017, 36, 855-867.	5.1	6
17	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
18	Transcriptional Responses in Root and Leaf of <i>Prunus persica</i> under Drought Stress Using RNA Sequencing. <i>Frontiers in Plant Science</i> , 2016, 7, 1715.	3.6	58

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19	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
20	Pearl millet growth and biochemical alterations determined by mycorrhizal inoculation, water availability and atmospheric CO <sub>2</sub> concentration. <i>Crop and Pasture Science</i> , 2015, 66, 831.	1.5	20
21	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
22	Influence of antioxidant compounds, total sugars and genetic background on the chilling injury susceptibility of a nonâ€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
23	Agronomical Parameters, Sugar Profile and Antioxidant Compounds of â€Catherineâ€Peach Cultivar Influenced by Different Plum Rootstocks. <i>International Journal of Molecular Sciences</i> , 2014, 15, 2237-2254.	4.1	33
24	Changes in alfalfa forage quality and stem carbohydrates induced by arbuscular mycorrhizal fungi and elevated atmospheric CO <sub>2</sub> . <i>Annals of Applied Biology</i> , 2014, 164, 190-199.	2.5	52
25	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
26	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
27	Population structure and markerâ€trait associations for pomological traits in peach and nectarine cultivars. <i>Tree Genetics and Genomes</i> , 2013, 9, 331-349.	1.6	65
28	Changes Induced by Fe Deficiency and Fe Resupply in the Root Protein Profile of a Peach-Almond Hybrid Rootstock. <i>Journal of Proteome Research</i> , 2013, 12, 1162-1172.	3.7	22
29	Fruit sugar profile and antioxidants of peach and nectarine cultivars on almondâ€peach hybrid rootstocks. <i>Scientia Horticulturae</i> , 2013, 164, 563-572.	3.6	27
30	Genetic analysis of iron chlorosis tolerance in <i>Prunus</i> rootstocks. <i>Tree Genetics and Genomes</i> , 2012, 8, 943-955.	1.6	9
31	Two Fe-superoxide dismutase families respond differently to stress and senescence in legumes. <i>Journal of Plant Physiology</i> , 2012, 169, 1253-1260.	3.5	38
32	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
33	Effects of nitrogen source and water availability on stem carbohydrates and cellulosic bioethanol traits of alfalfa plants. <i>Plant Science</i> , 2012, 191-192, 16-23.	3.6	12
34	Development of an SSR-based identification key for Tunisian local almonds. <i>Scientia Agricola</i> , 2012, 69, 108-113.	1.2	12
35	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
36	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

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37	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
38	Morphological and molecular variability in some Iranian almond genotypes and related <i>Prunus</i> species and their potentials for rootstock breeding. <i>Scientia Horticulturae</i> , 2011, 129, 108-118.	3.6	32
39	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
40	Effects of cadmium on cork oak ( <i>Quercus suber</i> L.) plants grown in hydroponics. <i>Tree Physiology</i> , 2011, 31, 1401-1412.	3.1	23
41	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
42	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
43	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
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	Preservation and Molecular Characterization of Ancient Varieties in Spanish Grapevine Germplasm Collections. <i>American Journal of Enology and Viticulture</i> , 2010, 61, 557-562.	1.7	11
46	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
47	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
48	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
49	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
50	Molecular characterization and genetic diversity of <i>Prunus</i> rootstocks. <i>Scientia Horticulturae</i> , 2009, 120, 237-245.	3.6	36
51	Metabolic responses in iron deficient tomato plants. <i>Journal of Plant Physiology</i> , 2009, 166, 375-384.	3.5	108
52	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
53	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
54	Molecular characterization of Miraflores peach variety and relatives using SSRs. <i>Scientia Horticulturae</i> , 2007, 111, 140-145.	3.6	24

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55	Influence of different vigour cherry rootstocks on leaves and shoots mineral composition. <i>Scientia Horticulturae</i> , 2007, 112, 73-79.	3.6	84
56	Nitrogen nutrition influences some biochemical responses to iron deficiency in tolerant and sensitive genotypes of <i>Vitis</i> . <i>Plant and Soil</i> , 2007, 290, 343-355.	3.7	52
57	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
58	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
59	Iron deficiency-induced changes in carbon fixation and leaf elemental composition of sugar beet ( <i>Beta</i> ) Tj ETQq1 1 0,784314 1gBT /Over 4F	3.7	41
60	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
61	A New Technique for Screening Iron-Efficient Genotypes in Peach Rootstocks: Elicitation of Root Ferric Chelate Reductase by Manipulation of External Iron Concentrations. <i>Journal of Plant Nutrition</i> , 2005, 27, 1701-1715.	1.9	45
62	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
63	Dynamics of metabolic responses to iron deficiency in sugar beet roots. <i>Plant Science</i> , 2004, 166, 1045-1050.	3.6	47
64	A New Technique for Screening Iron-Efficient Genotypes in Peach Rootstocks: Elicitation of Root Ferric Chelate Reductase by Manipulation of External Iron Concentrations. <i>Journal of Plant Nutrition</i> , 2004, 27, 1701-1715.	1.9	6
65	Effects of cadmium and lead on ferric chelate reductase activities in sugar beet roots. <i>Plant Physiology and Biochemistry</i> , 2003, 41, 999-1005.	5.8	52
66	Effects of Cd and Pb in sugar beet plants grown in nutrient solution: induced Fe deficiency and growth inhibition. <i>Functional Plant Biology</i> , 2002, 29, 1453.	2.1	115
67	Use of molecular markers in detection of synonymies and homonymies in grapevines ( <i>Vitis vinifera</i> L.). <i>Scientia Horticulturae</i> , 2002, 92, 241-254.	3.6	32
68	Technical Advance: Reduction of Fe(III)-Chelates by Mesophyll LeafDisks of Sugar Beet. Multi-Component Origin and Effects of FeDeficiency. <i>Plant and Cell Physiology</i> , 2001, 42, 94-105.	3.1	57
69	Iron resupply-mediated deactivation of Fe-deficiency stress responses in roots of sugar beet. <i>Functional Plant Biology</i> , 2001, 28, 171.	2.1	9
70	Induction of <i>in vivo</i> root ferric chelate reductase activity in fruit tree rootstock. <i>Journal of Plant Nutrition</i> , 2000, 23, 9-21.	1.9	53
71	Responses of Sugar Beet Roots to Iron Deficiency. Changes in Carbon Assimilation and Oxygen Use. <i>Plant Physiology</i> , 2000, 124, 885-898.	4.8	157
72	N <sub>2</sub> Fixation, Carbon Metabolism, and Oxidative Damage in Nodules of Dark-Stressed Common Bean Plants. <i>Plant Physiology</i> , 1997, 113, 1193-1201.	4.8	107

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73	The use of isoenzymes in characterization of grapevines ( <i>Vitis vinifera</i> , L.). Influence of the environment and time of sampling. <i>Scientia Horticulturae</i> , 1997, 69, 145-155.	3.6	23
74	Involvement of Activated Oxygen in Nitrate-Induced Senescence of Pea Root Nodules. <i>Plant Physiology</i> , 1996, 110, 1187-1195.	4.8	80
75	Activated oxygen and antioxidant defences in iron-deficient pea plants. <i>Plant, Cell and Environment</i> , 1995, 18, 421-429.	5.7	124
76	Antioxidant Defenses against Activated Oxygen in Pea Nodules Subjected to Water Stress. <i>Plant Physiology</i> , 1995, 108, 753-759.	4.8	177
77	The use of RAPD markers for identification of cultivated grapevine ( <i>Vitis vinifera</i> L.). <i>Scientia Horticulturae</i> , 1995, 62, 237-243.	3.6	48
78	Evaluation of RAPD marker consistency for detection of polymorphism in apricot. <i>Scientia Horticulturae</i> , 1994, 59, 163-167.	3.6	26
79	Recovery of whole plants of sweet orange from somatic embryos subjected to freezing thawing treatments. <i>Plant Cell, Tissue and Organ Culture</i> , 1993, 34, 27-33.	2.3	23
80	Use of multivariate analysis in the taxonomy of <i>Citrus aurantium</i> L. and relatives. <i>Scientia Horticulturae</i> , 1993, 53, 301-310.	3.6	7
81	Comparative electrophoretic studies of seed proteins in some species of the genera <i>Diploaxis</i> , <i>Erucastrum</i> , and <i>Brassica</i> (Cruciferae: Brassiceae). <i>Taxon</i> , 1992, 41, 477-483.	0.7	22
82	Morphogenesis and tissue culture of sweet orange ( <i>Citrus sinensis</i> (L.) Osb.): Effect of temperature and photosynthetic radiation. <i>Plant Cell, Tissue and Organ Culture</i> , 1992, 29, 11-18.	2.3	36
83	Identification of mandarin hybrids with the aid of isozymes from different organs. <i>Scientia Horticulturae</i> , 1990, 41, 285-291.	3.6	2
84	Characterisation of sour orange ( <i>Citrus aurantium</i> ) cultivars. <i>Journal of the Science of Food and Agriculture</i> , 1989, 48, 275-284.	3.5	8
85	Nitrogen Fixation and Leghemoglobin Content during Vegetative Growth of Alfalfa. <i>Journal of Plant Physiology</i> , 1986, 123, 117-125.	3.5	21