Francisco Garcia-Sanchez

List of Publications by Year
in descending order

87	3,479	156536 32	175968 55
papers	citations	h-index	g-index

89	89	89	4044
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ionomic, metabolic and hormonal characterization of the phenological phases of different tomato genotypes using omics tools. Scientia Horticulturae, 2022, 293, 110697.	1.7	5
2	Metabolomic Profile of Citrus limon Leaves (â€˜Vernaâ€™ Variety) by 1H-NMR and Multivariate Analysis Technique. Agronomy, 2022, 12, 1060.	1.3	6
3	Application of Biocat G, Selenium, and Chitosan to Counteract the Negative Effects of Cd in Broccoli Plants Grown in Soilless Culture. Agronomy, 2022, 12, 1327.	1.3	3
4	Physiological Study of the Efficacy of ArcherÂ® Eclipse in the Protection against Sunburn in Cucumber Plants. Horticulturae, 2022, 8, 500.	1.2	1
5	A new combined sensoryâ€instrumental tool for pomegranate seed hardness determination. Journal of the Science of Food and Agriculture, 2021, 101, 1355-1363.	1.7	1
6	Effects of Drip Irrigation Design on a Lemon and a Young Persimmon Orchard in Semi-Arid Conditions. Water (Switzerland), 2021, 13, 1795.	1.2	4
7	The Addition of Selenium to the Nutrient Solution Decreases Cadmium Toxicity in Pepper Plants Grown under Hydroponic Conditions. Agronomy, 2021, 11, 1905.	1.3	5
8	Silicon Nanoparticles Mitigate Hypoxia-Induced Oxidative Damage by Improving Antioxidants Activities and Concentration of Osmolytes in Southern Highbush Blueberry Plants. Agronomy, 2021, 11, 2143.	1.3	12
9	The high tolerance of different pomegranate cultivars to the excess of boron in irrigation water is due to their capacity to limit boron transport from the root to the leaves. Journal of Plant Nutrition and Soil Science, 2021, 184, 142-149.	1.1	1
10	Estimation of Diagnosis and Recommendation Integrated System (DRIS), Compositional Nutrient Diagnosis (CND) and Range of Normality (RN) Norms for Mineral Diagnosis of Almonds Trees in Spain. Horticulturae, 2021, 7, 481.	1.2	5
11	Effects of Se Application on Polyamines and Carbonâ€“Nitrogen Metabolism of Pepper Plants Suffering from Cd Toxicity. Agronomy, 2021, 11, 2535.	1.3	3
12	Insights into the Physiological and Biochemical Impacts of Salt Stress on Plant Growth and Development. Agronomy, 2020, 10, 938.	1.3	179
13	Application of Biostimulants Containing Amino Acids to Tomatoes Could Favor Sustainable Cultivation: Implications for Tyrosine, Lysine, and Methionine. Sustainability, 2020, 12, 9729.	1.6	23
14	Effect of foliar application of amino acids on the salinity tolerance of tomato plants cultivated under hydroponic system. Scientia Horticulturae, 2020, 272, 109509.	1.7	42
15	Multiple stresses occurring with boron toxicity and deficiency in plants. Journal of Hazardous Materials, 2020, 397, 122713.	6.5	84
16	Physiological, Nutritional and Metabolomic Responses of Tomato Plants After the Foliar Application of Amino Acids Aspartic Acid, Glutamic Acid and Alanine. Frontiers in Plant Science, 2020, 11, 581234.	1.7	38
17	Costâ€“benefit analysis of tomato in soilless culture systems with saline water under greenhouse conditions. Journal of the Science of Food and Agriculture, 2019, 99, 5842-5851.	1.7	13
18	Selenium impedes cadmium and arsenic toxicity in potato by modulating carbohydrate and nitrogen metabolism. Ecotoxicology and Environmental Safety, 2019, 180, 588-599.	2.9	119

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19	Agricultural and Physiological Responses of Tomato Plants Grown in Different Soilless Culture Systems with Saline Water under Greenhouse Conditions. Scientific Reports, 2019, 9, 6733.	1.6	46
20	Amelioration of the Oxidative Stress Generated by Simple or Combined Abiotic Stress through the K+ and Ca2+ Supplementation in Tomato Plants. Antioxidants, 2019, 8, 81.	2.2	49
21	Arbuscular mycorrhizal symbiosis improves tolerance of Carrizo citrange to excess boron supply by reducing leaf B concentration and toxicity in the leaves and roots. Ecotoxicology and Environmental Safety, 2019, 173, 322-330.	2.9	10
22	Rootstocks influence the salt tolerance of Kinnow mandarin trees by altering the antioxidant defense system, osmolyte concentration, and toxic ion accumulation. Scientia Horticulturae, 2019, 250, 1-11.	1.7	24
23	Coping With Water Shortage: An Update on the Role of K+, Cl-, and Water Membrane Transport Mechanisms on Drought Resistance. Frontiers in Plant Science, 2019, 10, 1619.	1.7	31
24	Changes in the content of chlorophylls and carotenoids in the rind of Fino 49 lemons during maturation and their relationship with parameters from the CIELAB color space. Scientia Horticulturae, 2019, 243, 252-260.	1.7	35
25	The Forner Alcaide nÂº 5 citrus genotype shows a different physiological response to the excess of boron in the irrigation water in relation to its two genotype progenitors. Scientia Horticulturae, 2019, 245, 19-28.	1.7	4
26	Characterization of the ecophysiological responses of three pomegranate cultivars to salinity. Photosynthetica, 2019, 57, 1015-1024.	0.9	9
27	Ploidy level of citrus rootstocks affects the carbon and nitrogen metabolism in the leaves of Chromium-stressed Kinnow mandarin plants. Environmental and Experimental Botany, 2018, 149, 70-80.	2.0	20
28	Polyamines provide new insights into the biochemical basis of Cr-tolerance in Kinnow mandarin grafted on diploid and double-diploid rootstocks. Environmental and Experimental Botany, 2018, 156, 248-260.	2.0	12
29	Tolerance to Stress Combination in Tomato Plants: New Insights in the Protective Role of Melatonin. Molecules, 2018, 23, 535.	1.7	246
30	Response of three citrus genotypes used as rootstocks grown under boron excess conditions. Ecotoxicology and Environmental Safety, 2018, 159, 10-19.	2.9	16
31	Characterization of twenty pomegranate (Punica granatum L.) cultivars grown in Spain: Aptitudes for fresh consumption and processing. Scientia Horticulturae, 2017, 219, 152-160.	1.7	42
32	Physiological responses of three pomegranate cultivars under flooded conditions. Scientia Horticulturae, 2017, 224, 171-179.	1.7	15
33	Potassium fertilization enhances pepper fruit quality. Journal of Plant Nutrition, 2017, 40, 145-155.	0.9	28
34	Use of a smart irrigation system to study the effects of irrigation management on the agronomic and physiological responses of tomato plants grown under different temperatures regimes. Agricultural Water Management, 2017, 183, 158-168.	2.4	44
35	Kinnow mandarin plants grafted on tetraploid rootstocks are more tolerant to Cr-toxicity than those grafted on its diploids one. Environmental and Experimental Botany, 2017, 140, 8-18.	2.0	52
36	Effects of shade screens and mulching on the color change of fruits from â€œFino 49â€•lemon trees irrigated with water of different salinity or irrigation regimes. Scientia Horticulturae, 2016, 209, 316-322.	1.7	9

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37	The role of selenium in amelioration of heat-induced oxidative damage in cucumber under high temperature stress. Acta Physiologiae Plantarum, 2016, 38, 1.	1.0	63
38	Foliar treatment with Lolium perenne (Poaceae) leaf extract alleviates salinity and nickel-induced growth inhibition in pea. Revista Brasileira De Botanica, 2016, 39, 453-463.	0.5	15
39	Comparison of deficit and saline irrigation strategies to confront water restriction in lemon trees grown in semi-arid regions. Agricultural Water Management, 2016, 164, 46-57.	2.4	17
40	Genetic diversity of pomegranate germplasm collection from Spain determined by fruit, seed, leaf and flower characteristics. PeerJ, 2016, 4, e2214.	0.9	21
41	ORANGE VARIETIES AS INTERSTOCK IN 'VERNA' LEMON TREES INCREASE THE SALT TOLERANCE BUT NOT THE DROUGHT OR FLOODING TOLERANCE. Acta Horticulturae, 2015, , 1335-1342.	0.1	0
42	EFFECT OF SHADE SCREEN ON PRODUCTION, FRUIT QUALITY AND GROWTH PARAMETERS OF 'FINO 49' LEMON TREES GRAFTED ON CITRUS MACROPHYLLA AND SOUR ORANGE. Acta Horticulturae, 2015, , 1845-1852.	0.1	5
43	Rapid estimation of nutritional elements on citrus leaves by near infrared reflectance spectroscopy. Frontiers in Plant Science, 2015, 6, 571.	1.7	60
44	Foliar spray of phyto-extracts supplemented with silicon: an efficacious strategy to alleviate the salinity-induced deleterious effects in pea (Pisum sativum L.). Turkish Journal of Botany, 2015, 39, 408-419.	0.5	24
45	â€˜Star Rubyâ€™ grapefruit and â€˜Clemenulesâ€™ mandarin trees show different physiological and agronomic responses to irrigation with saline water. Irrigation Science, 2015, 33, 191-204.	1.3	11
46	Shade screen increases the vegetative growth but not the production in â€˜Fino 49â€™ lemon trees grafted on Citrus macrophylla and Citrus aurantium L.. Scientia Horticulturae, 2015, 194, 175-180.	1.7	22
47	Treatment with 24-epibrassinolide mitigates NaCl-induced toxicity by enhancing carbohydrate metabolism, osmolyte accumulation, and antioxidant activity in Pisum sativum. Turkish Journal of Botany, 2014, 38, 511-525.	0.5	29
48	Exogenous proline and proline-enriched Lolium perenne leaf extract protects against phytotoxic effects of nickel and salinity in Pisum sativum by altering polyamine metabolism in leaves. Turkish Journal of Botany, 2014, 38, 914-926.	0.5	54
49	The combined effect of salinity and heat reveals a specific physiological, biochemical and molecular response in tomato plants. Plant, Cell and Environment, 2014, 37, 1059-1073.	2.8	309
50	Multiple abiotic stresses occurring with salinity stress in citrus. Environmental and Experimental Botany, 2014, 103, 128-137.	2.0	139
51	Fruit quality characterization of eleven commercial mandarin cultivars in Spain. Scientia Horticulturae, 2014, 165, 274-280.	1.7	22
52	Foliar potassium nitrate application improves the tolerance of Citrus macrophylla L. seedlings to drought conditions. Plant Physiology and Biochemistry, 2014, 83, 308-315.	2.8	33
53	Effects of boron excess in nutrient solution on growth, mineral nutrition, and physiological parameters of Jatropha curcas seedlings. Journal of Plant Nutrition and Soil Science, 2013, 176, 165-174.	1.1	32
54	The physiological and nutritional responses to an excess of boron by Verna lemon trees that were grafted on four contrasting rootstocks. Trees - Structure and Function, 2012, 26, 1513-1526.	0.9	43

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55	Glutathione homeostasis as an important and novel factor controlling blossom-end rot development in calcium-deficient tomato fruits. Journal of Plant Physiology, 2012, 169, 1719-1727.	1.6	36
56	Jatropha curcas seedlings show a water conservation strategy under drought conditions based on decreasing leaf growth and stomatal conductance. Agricultural Water Management, 2012, 105, 48-56.	2.4	76
57	Physiological and morphological responses to flooding with fresh or saline water in Jatropha curcas. Environmental and Experimental Botany, 2012, 78, 47-55.	2.0	34
58	The tolerance of Jatropha curcas seedlings to NaCl: An ecophysiological analysis. Plant Physiology and Biochemistry, 2012, 54, 34-42.	2.8	50
59	Interstock of â€˜Valenciaâ€™ Orange Affects the Flooding Tolerance in â€˜Vernaâ€™ Lemon Trees. Hortscience: A Publication of the American Society for Hortcultural Science, 2012, 47, 403-409.	0.5	18
60	Comparative Studies on the Physiobiochemical, Enzymatic, and Ionic Modifications in Salt-tolerant and Salt-sensitive Citrus Rootstocks under NaCl Stress. Journal of the American Society for Horticultural Science, 2012, 137, 86-95.	0.5	46
61	Sweet pepper production in substrate in response to salinity, nutrient solution management and training system. Horticultura Brasileira, 2011, 29, 275-281.	0.1	16
62	Effect of salt stress on growth, gas exchange attributes and chlorophyll contents of pea (Pisum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	0.2	3
63	Systems involved in K+ uptake from diluted solutions in pepper plants as revealed by the use of specific inhibitors. Journal of Plant Physiology, 2010, 167, 1494-1499.	1.6	10
64	Amelioration of salt stress by irrigation management in pepper plants grown in coconut coir dust. Agricultural Water Management, 2010, 97, 1695-1702.	2.4	14
65	GROWTH AND MINERAL NUTRITION ARE AFFECTED BY SUBSTRATE TYPE AND SALT STRESS IN SEEDLINGS OF TWO CONTRASTING CITRUS ROOTSTOCKS. Journal of Plant Nutrition, 2010, 33, 1435-1447.	0.9	12
66	Salinity Tolerance and Leaf Water Use Efficiency in Citrus. Journal of the American Society for Horticultural Science, 2010, 135, 33-39.	0.5	31
67	Yield, blossom-end rot incidence, and fruit quality in pepper plants under moderate salinity are affected by K+ and Ca2+ fertilization. Scientia Horticulturae, 2009, 119, 79-87.	1.7	74
68	Additional nitrogen fertilization affects salt tolerance of lemon trees on different rootstocks. Scientia Horticulturae, 2009, 121, 298-305.	1.7	53
69	Orange varieties as interstocks increase the salt tolerance of lemon trees. Journal of Horticultural Science and Biotechnology, 2009, 84, 625-631.	0.9	7
70	Substrate Type and Salinity Affect Growth Allocation, Tissue Ion Concentrations, and Physiological Responses of Carrizo Citrange Seedlings. Hortscience: A Publication of the American Society for Hortcultural Science, 2009, 44, 1432-1437.	0.5	16
71	Leaf gas exchange, water relations, nutrient content and growth in citrus and olive seedlings under salinity. Biologia Plantarum, 2008, 52, 385-390.	1.9	55
72	Can elevated CO2 improve salt tolerance in olive trees?. Journal of Plant Physiology, 2008, 165, 631-640.	1.6	33

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73	Leaf Water Relations and Net Gas Exchange Responses of Salinized Carrizo Citrange Seedlings during Drought Stress and Recovery. Annals of Botany, 2007, 100, 335-345.	1.4	124
74	Responses to flooding and drought stress by two citrus rootstock seedlings with different water-use efficiency. Physiologia Plantarum, 2007, 130, 532-542.	2.6	166
75	Moderate water stress affects tomato leaf water relations in dependence on the nitrogen supply. Biologia Plantarum, 2007, 51, 707-712.	1.9	27
76	The response of young mandarin trees grown under saline conditions depends on the rootstock. European Journal of Agronomy, 2006, 24, 129-139.	1.9	43
77	Salinity tolerance of 'Valencia' orange trees on rootstocks with contrasting salt tolerance is not improved by moderate shade. Journal of Experimental Botany, 2006, 57, 3697-3706.	2.4	34
78	Deficit irrigation and rootstock: their effects on water relations, vegetative development, yield, fruit quality and mineral nutrition of Clemenules mandarin. Tree Physiology, 2006, 26, 1537-1548.	1.4	122
79	Uptake, Transport, and Concentration of Chloride and Sodium in Three Citrus Rootstock Seedlings. Journal of Plant Nutrition, 2005, 28, 1933-1945.	0.9	15
80	Fino lemon clones compared with the lemon varieties Eureka and Lisbon on two rootstocks in Murcia (Spain). Scientia Horticulturae, 2005, 106, 530-538.	1.7	34
81	Effect of NaCl on citrus cultivars. Agronomy for Sustainable Development, 2004, 24, 155-160.	0.8	21
82	Effects of salinity and rate of irrigation on yield, fruit quality and mineral composition of â€˜Fino 49â€™ lemon. European Journal of Agronomy, 2003, 19, 427-437.	1.9	38
83	Tolerance of citrus rootstock seedlings to saline stress based on their ability to regulate ion uptake and transport. Tree Physiology, 2003, 23, 265-271.	1.4	38
84	Effect of interstock (â€˜Salustianoâ€™ orange) on growth, leaf mineral composition and water relations of one year old citrus under saline conditions. Journal of Horticultural Science and Biotechnology, 2003, 78, 161-167.	0.9	10
85	Response of â€˜Star Rubyâ€™ grapefruit on two rootstocks to NaCl salinity. Journal of Horticultural Science and Biotechnology, 2003, 78, 859-865.	0.9	13
86	Salinity reduces growth, gas exchange, chlorophyll and nutrient concentrations in diploid sour orange and related allotetraploid somatic hybrids. Journal of Horticultural Science and Biotechnology, 2002, 77, 379-386.	0.9	37
87	Salinity Resistance of Citrus Seedlings in Relation to Hydraulic Conductance, Plasma Membrane ATPase and Anatomy of the Roots. Journal of Plant Physiology, 2000, 156, 724-730.	1.6	33