

Paolo sambo

List of Publications by Year in descending order

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98
papers

1,911
citations

331670

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289244

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99
all docs

99
docs citations

99
times ranked

2359
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydroponic Solutions for Soilless Production Systems: Issues and Opportunities in a Smart Agriculture Perspective. <i>Frontiers in Plant Science</i> , 2019, 10, 923.	3.6	195
2	<i>Capsicum chinensis</i> L. growth and nutraceutical properties are enhanced by biostimulants in a long-term period: chemical and metabolomic approaches. <i>Frontiers in Plant Science</i> , 2014, 5, 375.	3.6	151
3	Selenium Fertilization Alters the Chemical Composition and Antioxidant Constituents of Tomato (<i>Solanum lycopersicon</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10542-10554.	5.2	138
4	Electrostatic and Conventional Spraying of Alginate-Based Edible Coating with Natural Antimicrobials for Preserving Fresh Strawberry Quality. <i>Food and Bioprocess Technology</i> , 2017, 10, 165-174.	4.7	101
5	Increasing strawberry shelf-life with carvacrol and methyl cinnamate antimicrobial vapors released from edible films. <i>Postharvest Biology and Technology</i> , 2014, 89, 11-18.	6.0	95
6	Selenium Biofortification in Radish Enhances Nutritional Quality via Accumulation of Methyl-Selenocysteine and Promotion of Transcripts and Metabolites Related to Glucosinolates, Phenolics, and Amino Acids. <i>Frontiers in Plant Science</i> , 2016, 7, 1371.	3.6	81
7	Grain yield and kernel weight of two maize genotypes differing in nitrogen use efficiency at various levels of nitrogen and carbohydrate availability during flowering and grain filling. <i>Plant and Soil</i> , 2005, 272, 111-123.	3.7	75
8	Selenium Biofortification in <i>Fragaria</i> – ananassa: Implications on Strawberry Fruits Quality, Content of Bioactive Health Beneficial Compounds and Metabolomic Profile. <i>Frontiers in Plant Science</i> , 2017, 8, 1887.	3.6	75
9	A methodological approach for defining spectral indices for assessing tomato nitrogen status and yield. <i>European Journal of Agronomy</i> , 2011, 35, 135-143.	4.1	60
10	Life cycle assessment of a micro aquaponic system for educational purposes built using recovered material. <i>Journal of Cleaner Production</i> , 2018, 172, 3119-3127.	9.3	49
11	The use of organic biostimulants in hot pepper plants to help low input sustainable agriculture. <i>Chemical and Biological Technologies in Agriculture</i> , 2015, 2, .	4.6	45
12	Effect of stocking density of fish on water quality and growth performance of European Carp and leafy vegetables in a low-tech aquaponic system. <i>PLoS ONE</i> , 2019, 14, e0217561.	2.5	42
13	Kernel set in maize genotypes differing in nitrogen use efficiency in response to resource availability around flowering. <i>Plant and Soil</i> , 2005, 272, 101-110.	3.7	40
14	The Impact of COVID-19 on Horticulture: Critical Issues and Opportunities Derived from an Unexpected Occurrence. <i>Horticulturae</i> , 2021, 7, 124.	2.8	37
15	Optimization of Antimicrobial and Physical Properties of Alginate Coatings Containing Carvacrol and Methyl Cinnamate for Strawberry Application. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 984-990.	5.2	36
16	Influence of cut number on qualitative traits in different cultivars of sweet basil. <i>Industrial Crops and Products</i> , 2013, 44, 465-472.	5.2	34
17	Profiling chicory sesquiterpene lactones by high resolution mass spectrometry. <i>Food Research International</i> , 2015, 67, 193-198.	6.2	31
18	Raspberry texture mechanical profiling during fruit ripening and storage. <i>Postharvest Biology and Technology</i> , 2019, 149, 177-186.	6.0	31

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19	Hydroponic systems and water management in aquaponics: a review. Italian Journal of Agronomy, 0, 11, .	1.0	29
20	Extension of Aquaponic Water Use for NFT Baby-Leaf Production: Mizuna and Rocket Salad. Agronomy, 2018, 8, 75.	3.0	28
21	Vegetable Intercropping in a Small-Scale Aquaponic System. Agronomy, 2017, 7, 63.	3.0	26
22	Effect of grafting and ripening conditions on some qualitative traits of "Cuore di bue"™ tomato fruits. Journal of the Science of Food and Agriculture, 2013, 93, 1397-1403.	3.5	24
23	Physical Properties of Ground Fresh Rice Hulls and Sphagnum Peat Used for Greenhouse Root Substrates. HortTechnology, 2008, 18, 384-388.	0.9	22
24	The Use of Diagnostic Optical Tools to Assess Nitrogen Status and to Guide Fertilization of Vegetables. HortTechnology, 2011, 21, 287-292.	0.9	22
25	DETERMINATION OF SPAD THRESHOLD VALUES FOR THE OPTIMISATION OF NITROGEN SUPPLY IN PROCESSING TOMATO. Acta Horticulturae, 2006, , 159-166.	0.2	21
26	Magnetic Purification of Curcumin from <i>Curcuma longa</i> Rhizome by Novel Naked Maghemite Nanoparticles. Journal of Agricultural and Food Chemistry, 2015, 63, 912-920.	5.2	21
27	Effect of the anaerobic digestion residues use on lettuce yield and quality. Scientia Horticulturae, 2014, 180, 207-213.	3.6	20
28	Diversity Analysis of Sweet Potato Genetic Resources Using Morphological and Qualitative Traits and Molecular Markers. Genes, 2019, 10, 840.	2.4	16
29	THE USE OF SPAD-502 CHLOROPHYLL METER FOR DYNAMICALLY OPTIMIZING THE NITROGEN SUPPLY IN POTATO CROP: A METHODOLOGICAL APPROACH. Acta Horticulturae, 2003, , 197-204.	0.2	15
30	Effects of digestate solid fraction fertilisation on yield and soil carbon dioxide emission in a horticulture succession. Italian Journal of Agronomy, 2017, 12, .	1.0	15
31	Effect of different home-cooking methods on textural and nutritional properties of sweet potato genotypes grown in temperate climate conditions. Journal of the Science of Food and Agriculture, 2018, 98, 574-581.	3.5	15
32	Antioxidant characterization of different italian broccoli landraces. Horticultura Brasileira, 2016, 34, 74-79.	0.5	14
33	Effects on Water Management and Quality Characteristics of Ozone Application in Chicory Forcing Process: A Pilot System. Agronomy, 2017, 7, 29.	3.0	13
34	Electrocatalytic nanostructured ferric tannate as platform for enzyme conjugation: Electrochemical determination of phenolic compounds. Bioelectrochemistry, 2020, 132, 107418.	4.6	13
35	The pH, Electrical Conductivity, and Primary Macronutrient Concentration of Sphagnum Peat and Ground Parboiled Fresh Rice Hull Substrates Over Time in a Greenhouse Environment. HortTechnology, 2011, 21, 103-108.	0.9	13
36	Boron application improves on yield and chemical composition of strawberry. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2011, 61, 245-252.	0.6	12

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37	Seasonality effects on chemical composition, antibacterial activity and essential oil yield of three species of <i>Nectandra</i> . <i>PLoS ONE</i> , 2018, 13, e0204132.	2.5	12
38	THE USE OF SPAD-502 CHLOROPHYLL METER FOR DYNAMICALLY OPTIMISING THE NITROGEN SUPPLY IN POTATO CROP: A METHODOLOGICAL APPROACH. <i>Acta Horticulturae</i> , 2003, , 217-224.	0.2	11
39	YIELD AND QUALITY OF VEGETABLES GROWN IN A FLOATING SYSTEM FOR READY-TO-EAT PRODUCE. <i>Acta Horticulturae</i> , 2009, , 433-438.	0.2	11
40	Qualitative and healthy traits of different Italian typical artichoke genotypes. <i>CYTA - Journal of Food</i> , 2013, 11, 108-113.	1.9	11
41	USE OF FRESH RICE HULLS AND ANAEROBIC DIGESTION RESIDUES AS SUBSTRATES ALTERNATIVE TO PEAT. <i>Acta Horticulturae</i> , 2012, , 1003-1010.	0.2	10
42	Distillery anaerobic digestion residues: A new opportunity for sweet potato fertilization. <i>Scientia Horticulturae</i> , 2017, 225, 38-47.	3.6	10
43	Differential Regulation of Kernel Set and Potential Kernel Weight by Nitrogen Supply and Carbohydrate Availability in Maize Genotypes Contrasting in Nitrogen Use Efficiency. <i>Frontiers in Plant Science</i> , 2020, 11, 586.	3.6	10
44	THE USE OF SPAD-502 CHLOROPHYLL METER FOR DYNAMICALLY OPTIMISING THE NITROGEN SUPPLY IN POTATO CROP: FIRST RESULTS. <i>Acta Horticulturae</i> , 2003, , 225-230.	0.2	10
45	Specific humus systems from mushrooms culture. <i>Applied Soil Ecology</i> , 2018, 123, 709-713.	4.3	9
46	Quality assessment of typical common bean genotypes cultivated in temperate climate conditions and different growth locations. <i>Scientia Horticulturae</i> , 2019, 256, 108599.	3.6	9
47	Environmental Analysis of Sustainable Production Practices Applied to Cyclamen and Zonal Geranium. <i>Horticulturae</i> , 2021, 7, 8.	2.8	9
48	Effect of Vegetative Propagation Materials on Globe Artichoke Production in Semi-Arid Developing Countries: Agronomic, Marketable and Qualitative Traits. <i>Agronomy</i> , 2017, 7, 65.	3.0	8
49	Composition and quality traits of vegetables grown in a low-tech aquaponic system at different fish stocking densities. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 4310-4318.	3.5	8
50	Effect of grafting on biochemical and nutritional traits of "Cuore di Bue"™ tomatoes harvested at different ripening stages. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2013, 63, 114-122.	0.6	7
51	Evaluation of compost and anaerobic digestion residues as a component of growing media for ornamental shrub production. <i>Acta Horticulturae</i> , 2017, , 71-78.	0.2	7
52	Nutraceutical Content and Daily Value Contribution of Sweet Potato Accessions for the European Market. <i>Horticulturae</i> , 2021, 7, 23.	2.8	7
53	Effects of Drought on Yield and Nutraceutical Properties of Beans (<i>Phaseolus</i> spp.) Traditionally Cultivated in Veneto, Italy. <i>Horticulturae</i> , 2021, 7, 17.	2.8	7
54	Linden tree stress detection: Chlorophyll "nitrogen contents and ectomycorrhizal community. <i>Plant Biosystems</i> , 2013, 147, 364-375.	1.6	6

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55	Humusica 2, article 16: Techno humus systems and recycling of waste. Applied Soil Ecology, 2018, 122, 220-236.	4.3	6
56	THE USE OF SPAD -502 CHLOROPHYLL METER FOR DYNAMICALLY OPTIMIZING THE NITROGEN SUPPLY IN POTATO CROP: FIRST RESULTS. Acta Horticulturae, 2003, , 191-196.	0.2	5
57	RICE HULL-BASED SUBSTRATES AMENDED WITH ANAEROBIC DIGESTED RESIDUES FOR TOMATO TRANSPLANT PRODUCTION. Acta Horticulturae, 2014, , 573-581.	0.2	5
58	Radicchio cultivation under different sprinkler irrigation systems. Contemporary Engineering Sciences, 2016, 9, 345-355.	0.2	5
59	Organic by-product substrate components and biodegradable pots in the production of <i>Pelargonium Ã—hortorum</i> Bailey and <i>Euphorbia pulcherrima</i> L.. Acta Horticulturae, 2016, , 371-378.	0.2	5
60	Environmental impact in floriculture: LCA approach at farm level. Acta Horticulturae, 2016, , 419-424.	0.2	5
61	Electrostatically stabilized hybrids of carbon and maghemite nanoparticles: electrochemical study and application. Physical Chemistry Chemical Physics, 2017, 19, 11668-11677.	2.8	5
62	EFFECT OF COMPOST APPLICATION ON QUALITATIVE TRAITS IN CABBAGE. Acta Horticulturae, 2013, , 389-395.	0.2	4
63	Distillery Anaerobic Digestion Residues as Fertilizers for Field Vegetable Crops: Performance and Efficiency in Mid-term Successions. Agronomy, 2019, 9, 463.	3.0	4
64	Vegetables Quality and Biotic Stress. , 2019, , 107-128.		4
65	Using SPAD-meter in Nitrogen Fertilization of <i>Rosa chinensis</i> Jacq. var. <i>mutabilis</i> . Hortscience: A Publication of the American Society for Horticultural Science, 2006, 41, 969D-970.	1.0	4
66	Optical Tools, a Suitable Means to Reduce Nitrogen Use in Fertigated Tomato Crop. Hortscience: A Publication of the American Society for Horticultural Science, 2006, 41, 982B-982.	1.0	4
67	RICE HULLS AND PEAT REPLACEMENT IN SUBSTRATES FOR VEGETABLE TRANSPLANT PRODUCTION. Acta Horticulturae, 2011, , 963-970.	0.2	3
68	Use of organic fertilizers in nursery production of ornamental woody species. Acta Horticulturae, 2016, , 379-386.	0.2	3
69	Fertilizers: Criteria of Choice for Vegetable Crops. Advances in Olericulture, 2017, , 85-113.	0.4	3
70	Optimization of Offshoot Outgrowth in Globe Artichoke Using a Combination of Chemical and Mechanical Treatments. Agronomy, 2019, 9, 104.	3.0	3
71	Molecular Hallmarks, Agronomic Performances and Seed Nutraceutical Properties to Exploit Neglected Genetic Resources of Common Beans Grown by Organic Farming in Two Contrasting Environments. Frontiers in Plant Science, 2021, 12, 674985.	3.6	3
72	CROPSCAN AS A TOOL TO DRIVE PHOSPHORUS AND POTASSIUM FERTILIZATION IN TOMATO. Acta Horticulturae, 2009, , 371-376.	0.2	2

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73	USE OF ANAEROBIC DIGESTED RESIDUES IN OPEN FIELD HORTICULTURE IN THE VENETO REGION, ITALY. <i>Acta Horticulturae</i> , 2014, , 133-138.	0.2	2
74	Rice Hulls and Anaerobic Digestion Residues as Substrate Components for Potted Production of Geranium and Rose. <i>Agronomy</i> , 2020, 10, 950.	3.0	2
75	EFFECT OF ANAEROBIC DIGESTATES APPLICATION ON QUALITATIVE TRAITS IN EARLY AND LATE CAULIFLOWER. <i>Acta Horticulturae</i> , 2013, , 463-469.	0.2	2
76	Are Optical Tools Suitable to Manage Phosphate and Potassium Fertigation in Tomato Crops?. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 1006A-1006.	1.0	2
77	Morphological and dimensional traits in vegetables: raised bed vs. flat soil. <i>Acta Horticulturae</i> , 2016, , 165-170.	0.2	2
78	EFFECTS OF OSMOPRIMING TREATMENTS ON SEED GERMINATION OF TWO TYPES OF RADICCHIO (CICHORIUM INTYBUS VAR. SILVESTRE). <i>Acta Horticulturae</i> , 2004, , 95-102.	0.2	1
79	SEASONAL EFFECTS ON PRODUCTION OF RADISH AND LAMB'S LETTUCE GROWN IN A FLOATING SYSTEM. <i>Acta Horticulturae</i> , 2011, , 821-829.	0.2	1
80	COMPARISON OF DIFFERENT METHODS TO EXTRACT SOIL-WATER FROM CONTAINERIZED SUBSTRATES. <i>Acta Horticulturae</i> , 2011, , 369-374.	0.2	1
81	QUANTITATIVE ANALYSIS OF QUALITATIVE TRAITS OF DIFFERENT GENOTYPES OF SWEET POTATO (IPOMOEA) Tj ETO _q 1 1 0.784314	0.2	1
82	THE PH, ELECTRICAL CONDUCTIVITY, AND PRIMARY MACRONUTRIENT CONCENTRATION OF DIARY BIOFIBER-CONTAINING ROOT SUBSTRATES OVER TIME IN A GREENHOUSE ENVIRONMENT. <i>Acta Horticulturae</i> , 2014, , 525-532.	0.2	1
83	Babyleaf NFT production and water management in aquaponic system. <i>Acta Horticulturae</i> , 2018, , 159-164.	0.2	1
84	Nitrogen budget in recirculating aquaponic systems with different fish stocking density. <i>Italian Journal of Agronomy</i> , 2020, 15, 239-245.	1.0	1
85	Organic Cultivation of Radicchio rosso di Chioggia (<i>Chicorium intybus</i> var. <i>silvestre</i>) in Iowa. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 876C-876.	1.0	1
86	Effect of Nitrogen Fertilization on Yield and Canopy Reflectance of Pepper (<i>Capsicum annum</i>). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 871C-871.	1.0	1
87	USING LCA TO ASSESS ENVIRONMENTAL IMPACT OF PROCESSING TOMATO PRODUCTION: FIRST APPROACH. <i>Acta Horticulturae</i> , 2012, , 79-85.	0.2	1
88	Typical horticultural products between tradition and innovation. <i>Italian Journal of Agronomy</i> , 2009, 4, 87.	1.0	0
89	EVALUATION OF THE DSSAT CSM-CROPGRO-TOMATO SIMULATION MODEL FOR PROCESSING TOMATO (LYCOPERSICON ESCULENTUM MILL.) PRODUCTION IN NORTHERN ITALY. <i>Acta Horticulturae</i> , 2012, , 423-428.	0.2	0
90	ENERGY CONSUMPTION AND CO2 BALANCE IN HORTICULTURE: A CASE STUDY IN THE VENETO REGION, ITALY. <i>Acta Horticulturae</i> , 2014, , 495-502.	0.2	0

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91	CHANGES IN QUALITATIVE TRAITS OF BLUEBERRY AND BLACKBERRY IN RELATION TO STORAGE TEMPERATURE AND FILM TYPE. Acta Horticulturae, 2014, , 433-440.	0.2	0
92	Effect of postharvest temperature and packaging on qualitative traits in strawberry. Acta Horticulturae, 2016, , 303-310.	0.2	0
93	FIRST ATTEMPT TO FORCE GLADIOLUS AND LIATRIS IN A FLOATING SYSTEM. Acta Horticulturae, 2003, , 227-234.	0.2	0
94	Comparison between Peat and Fresh Rice Hulls: Hydraulic and Chemical Characteristics. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 1126C-1126.	1.0	0
95	Floating System Production of Liatris spicata (L.) Willd.. Hortscience: A Publication of the American Society for Horticultural Science, 2006, 41, 992D-992.	1.0	0
96	Effect of Root Substrates and Nutrient Solution Electrical Conductivity on Tomato Transplant Characteristics. Hortscience: A Publication of the American Society for Horticultural Science, 2006, 41, 982A-982.	1.0	0
97	Physical Properties of Whole Fresh-ground Parboiled Rice Hulls for Use as a Horticultural Root Substrate. Hortscience: A Publication of the American Society for Horticultural Science, 2006, 41, 979B-979.	1.0	0
98	INFLUENCE OF PLANTING DATE AND MULCHING ON SOME QUALITATIVE TRAITS OF PROCESSED TOMATOES. Acta Horticulturae, 2012, , 1163-1169.	0.2	0