

Francesco Serio

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

2,135
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218592

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docs citations

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times ranked

2126
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#	ARTICLE	IF	CITATIONS
1	Mineral Composition and Bioaccessibility in Rocket and Purslane after Zn Biofortification Process. <i>Foods</i> , 2022, 11, 484.	1.9	13
2	Enhancing the nutritional value of <i>Portulaca oleracea</i> L. by using soilless agronomic biofortification with zinc. <i>Food Research International</i> , 2022, 155, 111057.	2.9	8
3	Nutraceutical Profile of "Carosello" (<i>Cucumis melo</i> L.) Grown in an Out-of-Season Cycle under LEDs. <i>Antioxidants</i> , 2022, 11, 777.	2.2	1
4	The Mediterranean diet between traditional foods and human health through culinary examples. , 2021, , 75-99.		4
5	Supplementary Light Differently Influences Physico-Chemical Parameters and Antioxidant Compounds of Tomato Fruits Hybrids. <i>Antioxidants</i> , 2021, 10, 687.	2.2	10
6	Self-Configuring CVS to Discriminate Rocket Leaves According to Cultivation Practices and to Correctly Attribute Visual Quality Level. <i>Agronomy</i> , 2021, 11, 1353.	1.3	11
7	Cover Crops and Manure Combined with Commercial Fertilizers Differently Affect Yield and Quality of Processing Tomato (<i>Solanum lycopersicum</i> L.) Organically Grown in Puglia. <i>Agriculture (Switzerland)</i> , 2021, 11, 757.	1.4	8
8	Enhancement of a Landrace of Carosello (Unripe Melon) through the Use of Light-Emitting Diodes (LED) and Nutritional Characterization of the Fruit Placenta. <i>Sustainability</i> , 2021, 13, 11464.	1.6	6
9	Boron Biofortification of <i>Portulaca oleracea</i> L. through Soilless Cultivation for a New Tailored Crop. <i>Agronomy</i> , 2020, 10, 999.	1.3	10
10	Supplementary Far-Red Light Did Not Affect Tomato Plant Growth or Yield under Mediterranean Greenhouse Conditions. <i>Agronomy</i> , 2020, 10, 1849.	1.3	12
11	Barattiere: An Italian Local Variety of <i>Cucumis melo</i> L. with Quality Traits between Melon and Cucumber. <i>Plants</i> , 2020, 9, 578.	1.6	9
12	Morphological and Chemical Profile of Three Tomato (<i>Solanum lycopersicum</i> L.) Landraces of A Semi-Arid Mediterranean Environment. <i>Plants</i> , 2019, 8, 273.	1.6	14
13	Growth Analysis and Nutrient Solution Management of a Soil-Less Tomato Crop in a Mediterranean Environment. <i>Data</i> , 2019, 4, 38.	1.2	1
14	Iodine Biofortification of Four Brassica Genotypes is Effective Already at Low Rates of Potassium Iodate. <i>Nutrients</i> , 2019, 11, 451.	1.7	39
15	Hydroponic Production of Reduced-Potassium Swiss Chard and Spinach: A Feasible Agronomic Approach to Tailoring Vegetables for Chronic Kidney Disease Patients. <i>Agronomy</i> , 2019, 9, 627.	1.3	16
16	Characterisation of bioactive compounds in berries from plants grown under innovative photovoltaic greenhouses. <i>Journal of Berry Research</i> , 2018, 8, 55-69.	0.7	28
17	Glucosinolate profile of <i>Eruca sativa</i> , <i>Diplotaxis tenuifolia</i> and <i>Diplotaxis erucoides</i> grown in soil and soilless systems. <i>Journal of Food Composition and Analysis</i> , 2018, 69, 197-204.	1.9	42
18	NaCl stress enhances silicon tissue enrichment of hydroponic "baby leaf" chicory under biofortification process. <i>Scientia Horticulturae</i> , 2018, 235, 258-263.	1.7	28

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19	Techno-functional properties of tomato puree fortified with anthocyanin pigments. <i>Food Chemistry</i> , 2018, 240, 1184-1192.	4.2	20
20	Preliminary Evidences of Biofortification with Iodine of "Carota di Polignano", An Italian Carrot Landrace. <i>Frontiers in Plant Science</i> , 2018, 9, 170.	1.7	33
21	Quality and Nutritional Evaluation of Regina Tomato, a Traditional Long-Storage Landrace of Puglia (Southern Italy). <i>Agriculture (Switzerland)</i> , 2018, 8, 83.	1.4	24
22	Physicochemical, agronomical and microbiological evaluation of alternative growing media for the production of rapini (<i>Brassica rapa</i> L.) microgreens. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 1212-1219.	1.7	91
23	Efficacy of Combined <i>Sous Vide</i> Microwave Cooking for Foodborne Pathogen Inactivation in Ready-to-Eat Chicory Stems. <i>Journal of Food Science</i> , 2017, 82, 1664-1671.	1.5	10
24	Sea fennel (<i>Crithmum maritimum</i> L.): from underutilized crop to new dried product for food use. <i>Genetic Resources and Crop Evolution</i> , 2017, 64, 205-216.	0.8	40
25	Integrated in vitro approaches to assess the bioaccessibility and bioavailability of silicon-biofortified leafy vegetables and preliminary effects on bone. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017, 53, 217-224.	0.7	16
26	Solar radiation distribution inside a monospan greenhouse with the roof entirely covered by photovoltaic panels. <i>Journal of Agricultural Engineering</i> , 2016, 47, 1.	0.7	22
27	Photosynthetic Photon Flux Density Distribution Inside Photovoltaic Greenhouses, Numerical Simulation, and Experimental Results. <i>Applied Engineering in Agriculture</i> , 2016, 32, 861-869.	0.3	8
28	A Targeted Management of the Nutrient Solution in a Soilless Tomato Crop According to Plant Needs. <i>Frontiers in Plant Science</i> , 2016, 7, 391.	1.7	48
29	Calcium biofortification and bioaccessibility in soilless "baby leaf" vegetable production. <i>Food Chemistry</i> , 2016, 213, 149-156.	4.2	49
30	Micro-scale vegetable production and the rise of microgreens. <i>Trends in Food Science and Technology</i> , 2016, 57, 103-115.	7.8	263
31	Green bean biofortification for Si through soilless cultivation: plant response and Si bioaccessibility in pods. <i>Scientific Reports</i> , 2016, 6, 31662.	1.6	49
32	Silicon biofortification of leafy vegetables and its bioaccessibility in the edible parts. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 751-756.	1.7	54
33	Tensiometer-Based Irrigation Management of Subirrigated Soilless Tomato: Effects of Substrate Matric Potential Control on Crop Performance. <i>Frontiers in Plant Science</i> , 2015, 6, 1150.	1.7	26
34	Biodegradable Superabsorbent Hydrogel Increases Water Retention Properties of Growing Media and Plant Growth. <i>Agriculture and Agricultural Science Procedia</i> , 2015, 4, 451-458.	0.6	150
35	Crenate broomrape (<i>Orobanche crenata</i> Forskal): prospects as a food product for human nutrition. <i>Genetic Resources and Crop Evolution</i> , 2015, 62, 795-802.	0.8	12
36	The yellow "purple Polignano carrot (<i>Daucus carota</i> L.): a multicoloured landrace from the Puglia region (Southern Italy) at risk of genetic erosion. <i>Genetic Resources and Crop Evolution</i> , 2014, 61, 1611-1619.	0.8	25

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37	THE COMPOST OF POSIDONIA RESIDUES: A SHORT REVIEW ON A NEW COMPONENT FOR SOILLESS GROWING MEDIA. <i>Acta Horticulturae</i> , 2014, , 291-298.	0.1	4
38	Relationship between Quality Parameters and the Overall Appearance in Lettuce during Storage. <i>International Journal of Food Processing Technology</i> , 2014, 1, 18-26.	0.3	13
39	Wikipedia As a Tool for Disseminating Knowledge of (Agro)Biodiversity. <i>HortTechnology</i> , 2014, 24, 118-126.	0.5	3
40	Comparison of two jam making methods to preserve the quality of colored carrots. <i>LWT - Food Science and Technology</i> , 2013, 53, 547-554.	2.5	35
41	Multiple regression models and Computer Vision Systems to predict antioxidant activity and total phenols in pigmented carrots. <i>Journal of Food Engineering</i> , 2013, 117, 74-81.	2.7	30
42	Effect of cooking methods on antioxidant activity and nitrate content of selected wild Mediterranean plants. <i>International Journal of Food Sciences and Nutrition</i> , 2013, 64, 870-876.	1.3	39
43	Grafting Improves Tomato Salinity Tolerance through Sodium Partitioning within the Shoot. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2013, 48, 855-862.	0.5	40
44	Postharvest evaluation of soilless-grown table grape during storage in modified atmosphere. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, n/a-n/a.	1.7	19
45	Yield and quality of early potato cultivars in relation to the use of glufosinate ammonium as desiccant. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 855-860.	1.7	8
46	Tuber quality and nutritional components of "early" potato subjected to chemical haulm desiccation. <i>Journal of Food Composition and Analysis</i> , 2009, 22, 556-562.	1.9	37
47	Effect of silicon in the nutrient solution on the incidence of powdery mildew and quality traits in carosello and barattiere (<i>Cucumis melo</i> L.) grown in a soilless system. <i>Journal of Horticultural Science and Biotechnology</i> , 2009, 84, 300-304.	0.9	23
48	Effect of growing system and cultivar on yield and water-use efficiency of greenhouse-grown tomato. <i>Journal of Horticultural Science and Biotechnology</i> , 2008, 83, 71-75.	0.9	31
49	Effects of ammonium and nitrate nutrition on yield and quality in endive. <i>Journal of Horticultural Science and Biotechnology</i> , 2008, 83, 64-70.	0.9	21
50	Influence of Potassium and Genotype on Vitamin E Content and Reducing Sugar of Tomato Fruits. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008, 43, 2048-2051.	0.5	31
51	Potassium nutrition increases the lycopene content of tomato fruit. <i>Journal of Horticultural Science and Biotechnology</i> , 2007, 82, 941-945.	0.9	39
52	Influence of nitrogen form on yield and nitrate content of subirrigated early potato. <i>Journal of the Science of Food and Agriculture</i> , 2004, 84, 1428-1432.	1.7	20
53	Influence of an increased NaCl concentration on yield and quality of cherry tomato grown in posidonia (<i>Posidonia oceanica</i> (L) Delile). <i>Journal of the Science of Food and Agriculture</i> , 2004, 84, 1885-1890.	1.7	45
54	Effect of night salinity level on water use, physiological responses, yield and quality of tomato. <i>Journal of Horticultural Science and Biotechnology</i> , 2004, 79, 59-66.	0.9	22

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55	EFFECT OF SOLUTION NITROGEN CONCENTRATION ON YIELD, LEAF ELEMENT CONTENT, AND WATER AND NITROGEN USE EFFICIENCY OF THREE HYDROPONICALLY-GROWN ROCKET SALAD GENOTYPES. <i>Journal of Plant Nutrition</i> , 2002, 25, 245-258.	0.9	56
56	Comparison between nitrate and ammonium nutrition in fennel, celery, and Swiss chard. <i>Journal of Plant Nutrition</i> , 1999, 22, 1091-1106.	0.9	30
57	A survey of nitrate and oxalate content in fresh vegetables. <i>Journal of the Science of Food and Agriculture</i> , 1999, 79, 1882-1888.	1.7	200
58	A survey of nitrate and oxalate content in fresh vegetables. <i>Journal of the Science of Food and Agriculture</i> , 1999, 79, 1882-1888.	1.7	2
59	Nitrogen nutrition, yield and quality of spinach. <i>Journal of the Science of Food and Agriculture</i> , 1998, 76, 341-346.	1.7	76
60	Fertilization strategies for lowering nitrate content in leafy vegetables: chicory and rocket salad cases. <i>Journal of Plant Nutrition</i> , 1998, 21, 1791-1803.	0.9	51
61	Nitrate and ammonium nutrition in chicory and rocket salad plants. <i>Journal of Plant Nutrition</i> , 1998, 21, 1779-1789.	0.9	39
62	Ammonium and nitrate influence on artichoke growth rate and uptake of inorganic ions. <i>Journal of Plant Nutrition</i> , 1996, 19, 1029-1044.	0.9	21