

Maria Giordano

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126
papers

3,458
citations

30
h-index

54
g-index

133
ext. papers

4,708
ext. citations

4.2
avg, IF

5.87
L-index

#	Paper	IF	Citations
126	High Light Intensity from Blue-Red LEDs Enhance Photosynthetic Performance, Plant Growth, and Optical Properties of Red Lettuce in Controlled Environment. <i>Horticulturae</i> , 2022 , 8, 114	2.5	5
125	Changes in Morpho-Anatomical and Eco-Physiological Responses of <i>Viburnum tinus</i> L. var <i>lucidum</i> as Modulated by Sodium Chloride and Calcium Chloride Salinization. <i>Horticulturae</i> , 2022 , 8, 119	2.5	2
124	Differential Response to NaCl Osmotic Stress in Sequentially Harvested Hydroponic Red and Green Basil and the Role of Calcium.. <i>Frontiers in Plant Science</i> , 2022 , 13, 799213	6.2	2
123	An Appraisal of Critical Factors Configuring the Composition of Basil in Minerals, Bioactive Secondary Metabolites, Micronutrients and Volatile Aromatic Compounds. <i>Journal of Food Composition and Analysis</i> , 2022 , 104582	4.1	4
122	Cold Treatment Modulates Changes in Primary Metabolites and Flowering of Cut Flower Tulip Hybrids. <i>Horticulturae</i> , 2022 , 8, 371	2.5	
121	Bioactive Compounds and Antioxidant Activity of Lettuce Grown in Different Mixtures of Monogastric-Based Manure With Lunar and Martian Soils.. <i>Frontiers in Nutrition</i> , 2022 , 9, 890786	6.2	0
120	Plant-Derived Biostimulants Differentially Modulate Primary and Secondary Metabolites and Improve the Yield Potential of Red and Green Lettuce Cultivars. <i>Agronomy</i> , 2022 , 12, 1361	3.6	1
119	Effects of NaCl and CaCl ₂ Salinization on Morpho-Anatomical and Physiological Traits of Potted <i>Callistemon citrinus</i> Plants. <i>Forests</i> , 2021 , 12, 1666	2.8	1
118	Assessing the effect of P-solubilizing bacteria and mycorrhizal fungi on tomato yield and quality under different crop rotations. <i>Scientia Horticulturae</i> , 2021 , 110740	4.1	2
117	Phytochemical Responses to Salt Stress in Red and Green Baby Leaf Lettuce (<i>Lactuca sativa</i> L.) Varieties Grown in a Floating Hydroponic Module. <i>Separations</i> , 2021 , 8, 175	3.1	2
116	An Appraisal of Urine Derivatives Integrated in the Nitrogen and Phosphorus Inputs of a Lettuce Soilless Cultivation System. <i>Sustainability</i> , 2021 , 13, 4218	3.6	7
115	Morpho-Physiological Responses and Secondary Metabolites Modulation by Preharvest Factors of Three Hydroponically Grown Genovese Basil Cultivars. <i>Frontiers in Plant Science</i> , 2021 , 12, 671026	6.2	10
114	Mineral and Antioxidant Attributes of <i>Petroselinum crispum</i> at Different Stages of Ontogeny: Microgreens vs. Baby Greens. <i>Agronomy</i> , 2021 , 11, 857	3.6	6
113	Biostimulation as a Means for Optimizing Fruit Phytochemical Content and Functional Quality of Tomato Landraces of the San Marzano Area. <i>Foods</i> , 2021 , 10,	4.9	6
112	Response and Defence Mechanisms of Vegetable Crops against Drought, Heat and Salinity Stress. <i>Agriculture (Switzerland)</i> , 2021 , 11, 463	3	32
111	Dataset on the Effects of Anti-Insect Nets of Different Porosity on Mineral and Organic Acids Profile of <i>Cucurbita pepo</i> L. Fruits and Leaves. <i>Data</i> , 2021 , 6, 50	2.3	7
110	Regulated Salinity Eustress in a Floating Hydroponic Module of Sequentially Harvested Lettuce Modulates Phytochemical Constitution, Plant Resilience, and Post-Harvest Nutraceutical Quality. <i>Agronomy</i> , 2021 , 11, 1040	3.6	4

109	Biochemical, Physiological, and Molecular Aspects of Ornamental Plants Adaptation to Deficit Irrigation. <i>Horticulturae</i> , 2021 , 7, 107	2.5	13
108	Ontogenetic Variation in the Mineral, Phytochemical and Yield Attributes of Brassicaceous Microgreens. <i>Foods</i> , 2021 , 10,	4.9	4
107	Preharvest Nutrient Deprivation Reconfigures Nitrate, Mineral, and Phytochemical Content of Microgreens. <i>Foods</i> , 2021 , 10,	4.9	5
106	Root-Associated Bacterial Community Shifts in Hydroponic Lettuce Cultured with Urine-Derived Fertilizer. <i>Microorganisms</i> , 2021 , 9,	4.9	2
105	Divergent Leaf Morpho-Physiological and Anatomical Adaptations of Four Lettuce Cultivars in Response to Different Greenhouse Irradiance Levels in Early Summer Season. <i>Plants</i> , 2021 , 10,	4.5	3
104	Isosmotic Macrocation Variation Modulates Mineral Efficiency, Morpho-Physiological Traits, and Functional Properties in Hydroponically Grown Lettuce Varieties (L.). <i>Frontiers in Plant Science</i> , 2021 , 12, 678799	6.2	2
103	An Endophytic Fungi-Based Biostimulant Modulates Volatile and Non-Volatile Secondary Metabolites and Yield of Greenhouse Basil (L.) through Variable Mechanisms Dependent on Salinity Stress Level. <i>Pathogens</i> , 2021 , 10,	4.5	7
102	Foliar and Root Applications of Vegetal-Derived Protein Hydrolysates Differentially Enhance the Yield and Qualitative Attributes of Two Lettuce Cultivars Grown in Floating System. <i>Agronomy</i> , 2021 , 11, 1194	3.6	11
101	Reducing the Evaporative Demand Improves Photosynthesis and Water Use Efficiency of Indoor Cultivated Lettuce. <i>Agronomy</i> , 2021 , 11, 1396	3.6	5
100	Nutrient Solution Deprivation as a Tool to Improve Hydroponics Sustainability: Yield, Physiological, and Qualitative Response of Lettuce. <i>Agronomy</i> , 2021 , 11, 1469	3.6	7
99	Genotype and Successive Harvests Interaction Affects Phenolic Acids and Aroma Profile of Genovese Basil for Pesto Sauce Production. <i>Foods</i> , 2021 , 10,	4.9	16
98	Modulating Vapor Pressure Deficit in the Plant Micro-Environment May Enhance the Bioactive Value of Lettuce. <i>Horticulturae</i> , 2021 , 7, 32	2.5	4
97	Nutrient Supplementation Configures the Bioactive Profile and Production Characteristics of Three Brassica L. Microgreens Species Grown in Peat-Based Media. <i>Agronomy</i> , 2021 , 11, 346	3.6	12
96	Productive and Morphometric Traits, Mineral Composition and Secondary Metabolome Components of Borage and Purslane as Underutilized Species for Microgreens Production. <i>Horticulturae</i> , 2021 , 7, 211	2.5	3
95	The Fate of Nitrogen from Soil to Plants: Influence of Agricultural Practices in Modern Agriculture. <i>Agriculture (Switzerland)</i> , 2021 , 11, 944	3	3
94	Protein Hydrolysate Combined with Hydroponics Divergently Modifies Growth and Shuffles Pigments and Free Amino Acids of Carrot and Dill Microgreens. <i>Horticulturae</i> , 2021 , 7, 279	2.5	1
93	Light spectral composition affects metabolic response and flowering in non-vernalized <i>Ranunculus asiaticus</i> L.. <i>Environmental and Experimental Botany</i> , 2021 , 192, 104649	5.9	2
92	Vegetal-protein hydrolysates based microgranule enhances growth, mineral content, and quality traits of vegetable transplants. <i>Scientia Horticulturae</i> , 2021 , 290, 110554	4.1	0

91	Pearl Grey Shading Net Boosts the Accumulation of Total Carotenoids and Phenolic Compounds That Accentuate the Antioxidant Activity of Processing Tomato.. <i>Antioxidants</i> , 2021 , 10,	7.1	2
90	Sweet Basil Functional Quality as Shaped by Genotype and Macronutrient Concentration Reciprocal Action. <i>Plants</i> , 2020 , 9,	4.5	9
89	Biochemical, Physiological, and Productive Response of Greenhouse Vegetables to Suboptimal Growth Environment Induced by Insect Nets. <i>Biology</i> , 2020 , 9,	4.9	8
88	Osmo-Priming with Seaweed Extracts Enhances Yield of Salt-Stressed Tomato Plants. <i>Agronomy</i> , 2020 , 10, 1559	3.6	13
87	Design of a Module for Cultivation of Tuberous Plants in Microgravity: The ESA Project "Precursor of Food Production Unit" (PFPU). <i>Frontiers in Plant Science</i> , 2020 , 11, 417	6.2	3
86	Mars Regolith Simulant Ameliorated by Compost as in situ Cultivation Substrate Improves Lettuce Growth and Nutritional Aspects. <i>Plants</i> , 2020 , 9,	4.5	9
85	Air Distribution in a Fully-Closed Higher Plant Growth Chamber Impacts Crop Performance of Hydroponically-Grown Lettuce. <i>Frontiers in Plant Science</i> , 2020 , 11, 537	6.2	3
84	Crop Management in Controlled Environment Agriculture (CEA) Systems Using Predictive Mathematical Models. <i>Sensors</i> , 2020 , 20,	3.8	7
83	Challenges for a Sustainable Food Production System on Board of the International Space Station: A Technical Review. <i>Agronomy</i> , 2020 , 10, 687	3.6	12
82	Appraisal of Biodegradable Mulching Films and Vegetal-Derived Biostimulant Application as Eco-Sustainable Practices for Enhancing Lettuce Crop Performance and Nutritive Value. <i>Agronomy</i> , 2020 , 10, 427	3.6	15
81	Selenium Biofortification Impacts the Nutritive Value, Polyphenolic Content, and Bioactive Constitution of Variable Microgreens Genotypes. <i>Antioxidants</i> , 2020 , 9,	7.1	33
80	Geo-mineralogical characterisation of Mars simulant MMS-1 and appraisal of substrate physico-chemical properties and crop performance obtained with variable green compost amendment rates. <i>Science of the Total Environment</i> , 2020 , 720, 137543	10.2	6
79	Appraisal of Combined Applications of <i>Trichoderma virens</i> and a Biopolymer-Based Biostimulant on Lettuce Agronomical, Physiological, and Qualitative Properties under Variable N Regimes. <i>Agronomy</i> , 2020 , 10, 196	3.6	35
78	Dataset on the organic acids, sulphate, total nitrogen and total chlorophyll contents of two lettuce cultivars grown hydroponically using nutrient solutions of variable macrocation ratios. <i>Data in Brief</i> , 2020 , 29, 105135	1.2	4
77	Yield and quality of greenhouse organic pepper as affected by shading net in Mediterranean area. <i>Acta Horticulturae</i> , 2020 , 335-340	0.3	5
76	Nutritional stress suppresses nitrate content and positively impacts ascorbic acid concentration and phenolic acids profile of lettuce microgreens. <i>Italus Hortus</i> , 2020 , 27, 41-52	4	11
75	Metabolic Profile and Performance Responses of L. Hybrids as Affected by Light Quality of Photoperiodic Lighting. <i>Frontiers in Plant Science</i> , 2020 , 11, 597823	6.2	4
74	Physiological and Nutraceutical Quality of Green and Red Pigmented Lettuce in Response to NaCl Concentration in Two Successive Harvests. <i>Agronomy</i> , 2020 , 10, 1358	3.6	16

73	Understanding the Morpho-Anatomical, Physiological, and Functional Response of Sweet Basil to Isosmotic Nitrate to Chloride Ratios. <i>Biology</i> , 2020 , 9,	4.9	10
72	Appraisal of Salt Tolerance under Greenhouse Conditions of a Cucurbitaceae Genetic Repository of Potential Rootstocks and Scions. <i>Agronomy</i> , 2020 , 10, 967	3.6	3
71	Sensory Attributes and Consumer Acceptability of 12 Microgreens Species. <i>Agronomy</i> , 2020 , 10, 1043	3.6	19
70	Shading Affects Yield, Elemental Composition and Antioxidants of Perennial Wall Rocket Crops Grown from Spring to Summer in Southern Italy. <i>Plants</i> , 2020 , 9,	4.5	7
69	Endophytic fungi induce salt stress tolerance in greenhouse-grown basil. <i>Acta Horticulturae</i> , 2020 , 125-133,	3.6	0
68	An Appraisal of Biodegradable Mulch Films with Respect to Strawberry Crop Performance and Fruit Quality. <i>Horticulturae</i> , 2020 , 6, 48	2.5	3
67	Stand-Alone and Combinatorial Effects of Plant-based Biostimulants on the Production and Leaf Quality of Perennial Wall Rocket. <i>Plants</i> , 2020 , 9,	4.5	13
66	The Metabolic Reprogramming Induced by Sub-Optimal Nutritional and Light Inputs in Soilless Cultivated Green and Red Butterhead Lettuce. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	13
65	The bioactive profile of lettuce produced in a closed soilless system as configured by combinatorial effects of genotype and macrocation supply composition. <i>Food Chemistry</i> , 2020 , 309, 125713	8.5	26
64	Phenolic Constitution, Phytochemical and Macronutrient Content in Three Species of Microgreens as Modulated by Natural Fiber and Synthetic Substrates. <i>Antioxidants</i> , 2020 , 9,	7.1	28
63	Variation in Macronutrient Content, Phytochemical Constitution and Antioxidant Capacity of Green and Red Butterhead Lettuce Dictated by Different Developmental Stages of Harvest Maturity. <i>Antioxidants</i> , 2020 , 9,	7.1	21
62	Metabolic Insights into the Anion-Anion Antagonism in Sweet Basil: Effects of Different Nitrate/Chloride Ratios in the Nutrient Solution. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	14
61	Morphological and Physiological Responses Induced by Protein Hydrolysate-Based Biostimulant and Nitrogen Rates in Greenhouse Spinach. <i>Agronomy</i> , 2019 , 9, 450	3.6	41
60	Yield and Nutritional Quality of Vesuvian Piennolo Tomato PDO as Affected by Farming System and Biostimulant Application. <i>Agronomy</i> , 2019 , 9, 505	3.6	30
59	Morpho-physiological and homeostatic adaptive responses triggered by omeprazole enhance lettuce tolerance to salt stress. <i>Scientia Horticulturae</i> , 2019 , 249, 22-30	4.1	14
58	Biostimulant Application with a Tropical Plant Extract Enhances <i>Corchorus olitorius</i> Adaptation to Sub-Optimal Nutrient Regimens by Improving Physiological Parameters. <i>Agronomy</i> , 2019 , 9, 249	3.6	33
57	An endophytic fungi-based biostimulant modulated lettuce yield, physiological and functional quality responses to both moderate and severe water limitation. <i>Scientia Horticulturae</i> , 2019 , 256, 108595	4.1	17
56	Iron Biofortification of Red and Green Pigmented Lettuce in Closed Soilless Cultivation Impacts Crop Performance and Modulates Mineral and Bioactive Composition. <i>Agronomy</i> , 2019 , 9, 290	3.6	22

55	Biochemical, Physiological and Anatomical Mechanisms of Adaptation of and to NaCl and CaCl Salinization. <i>Frontiers in Plant Science</i> , 2019 , 10, 742	6.2	17
54	Sensory and functional quality characterization of protected designation of origin 'Piennolo del Vesuvio' cherry tomato landraces from Campania-Italy. <i>Food Chemistry</i> , 2019 , 292, 166-175	8.5	28
53	Production, Leaf Quality and Antioxidants of Perennial Wall Rocket as Affected by Crop Cycle and Mulching Type. <i>Agronomy</i> , 2019 , 9, 194	3.6	22
52	Macronutrient deprivation eustress elicits differential secondary metabolites in red and green-pigmented butterhead lettuce grown in a closed soilless system. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 6962-6972	4.3	37
51	Omeprazole Promotes Chloride Exclusion and Induces Salt Tolerance in Greenhouse Basil. <i>Agronomy</i> , 2019 , 9, 355	3.6	11
50	Protein Hydrolysate or Plant Extract-based Biostimulants Enhanced Yield and Quality Performances of Greenhouse Perennial Wall Rocket Grown in Different Seasons. <i>Plants</i> , 2019 , 8,	4.5	37
49	Cultivar-Specific Performance and Qualitative Descriptors for Butterhead Salanova Lettuce Produced in Closed Soilless Cultivation as a Candidate Salad Crop for Human Life Support in Space. <i>Life</i> , 2019 , 9,	3	19
48	Effect of Vegetal- and Seaweed Extract-Based Biostimulants on Agronomical and Leaf Quality Traits of Plastic Tunnel-Grown Baby Lettuce under Four Regimes of Nitrogen Fertilization. <i>Agronomy</i> , 2019 , 9, 571	3.6	38
47	Combating Micronutrient Deficiency and Enhancing Food Functional Quality Through Selenium Fortification of Select Lettuce Genotypes Grown in a Closed Soilless System. <i>Frontiers in Plant Science</i> , 2019 , 10, 1495	6.2	24
46	Vapour pressure deficit: The hidden driver behind plant morphofunctional traits in controlled environments. <i>Annals of Applied Biology</i> , 2019 , 175, 313-325	2.6	23
45	Productivity, nutritional and functional qualities of perennial wall-rocket: Effects of pre-harvest factors. <i>Folia Horticulturae</i> , 2019 , 31, 71-80	2	4
44	Influence of mild saline stress and growing season on yield and leaf quality of baby lettuce grown in floating system. <i>Acta Horticulturae</i> , 2019 , 147-152	0.3	1
43	Reducing Energy Requirements in Future Bioregenerative Life Support Systems (BLSSs): Performance and Bioactive Composition of Diverse Lettuce Genotypes Grown Under Optimal and Suboptimal Light Conditions. <i>Frontiers in Plant Science</i> , 2019 , 10, 1305	6.2	16
42	Plant-Based Biostimulants Influence the Agronomical, Physiological, and Qualitative Responses of Baby Rocket Leaves under Diverse Nitrogen Conditions. <i>Plants</i> , 2019 , 8,	4.5	48
41	Genotype-Specific Modulatory Effects of Select Spectral Bandwidths on the Nutritive and Phytochemical Composition of Microgreens. <i>Frontiers in Plant Science</i> , 2019 , 10, 1501	6.2	30
40	Morpho-anatomical, physiological and biochemical adaptive responses to saline water of <i>Bougainvillea spectabilis</i> Willd. trained to different canopy shapes. <i>Agricultural Water Management</i> , 2019 , 212, 12-22	5.9	49
39	Growth, photosynthetic activity and tuber quality of two potato cultivars in controlled environment as affected by light source. <i>Plant Biosystems</i> , 2019 , 153, 725-735	1.6	15
38	Functional quality in novel food sources: Genotypic variation in the nutritive and phytochemical composition of thirteen microgreens species. <i>Food Chemistry</i> , 2019 , 277, 107-118	8.5	72

37	Improving vegetable quality in controlled environments. <i>Scientia Horticulturae</i> , 2018 , 234, 275-289	4.1	147
36	Physiological and Metabolic Responses Triggered by Omeprazole Improve Tomato Plant Tolerance to NaCl Stress. <i>Frontiers in Plant Science</i> , 2018 , 9, 249	6.2	47
35	The influence of <i>Ecklonia maxima</i> seaweed extract on growth, photosynthetic activity and mineral composition of <i>Brassica rapa</i> L. subsp. <i>sylvestris</i> under nutrient stress conditions. <i>European Journal of Horticultural Science</i> , 2018 , 82, 286-293	1	25
34	Nutritional quality of hydroponically grown basil in response to salinity and growing season. <i>Acta Horticulturae</i> , 2018 , 693-698	0.3	3
33	Plant-Rhizobium symbiosis, seed nutraceuticals, and waste quality for energy production of <i>Vicia faba</i> L. as affected by crop management. <i>Chemical and Biological Technologies in Agriculture</i> , 2018 , 5,	4.4	11
32	Plant- and Seaweed-Based Extracts Increase Yield but Differentially Modulate Nutritional Quality of Greenhouse Spinach through Biostimulant Action. <i>Agronomy</i> , 2018 , 8, 126	3.6	100
31	Phenolic composition, antioxidant activity and mineral profile in two seed-propagated artichoke cultivars as affected by microbial inoculants and planting time. <i>Food Chemistry</i> , 2017 , 234, 10-19	8.5	53
30	The role of biostimulants and bioeffectors as alleviators of abiotic stress in crop plants. <i>Chemical and Biological Technologies in Agriculture</i> , 2017 , 4,	4.4	297
29	Foliar applications of a legume-derived protein hydrolysate elicit dose-dependent increases of growth, leaf mineral composition, yield and fruit quality in two greenhouse tomato cultivars. <i>Scientia Horticulturae</i> , 2017 , 226, 353-360	4.1	135
28	Effect of <i>Ecklonia maxima</i> seaweed extract on yield, mineral composition, gas exchange, and leaf anatomy of zucchini squash grown under saline conditions. <i>Journal of Applied Phycology</i> , 2017 , 29, 459-470	3.2	104
27	Evaluation of <i>Salvia hispanica</i> performance under increasing salt stress conditions. <i>Acta Horticulturae</i> , 2017 , 703-708	0.3	5
26	Changes in Leaf Anatomical Traits Enhanced Photosynthetic Activity of Soybean Grown in Hydroponics with Plant Growth-Promoting Microorganisms. <i>Frontiers in Plant Science</i> , 2017 , 8, 674	6.2	24
25	Microgreens as a Component of Space Life Support Systems: A Cornucopia of Functional Food. <i>Frontiers in Plant Science</i> , 2017 , 8, 1587	6.2	49
24	GENOTYPIC VARIATION IN NUTRITIONAL AND ANTIOXIDANT PROFILE AMONG ICEBERG LETTUCE CULTIVARS. <i>Acta Scientiarum Polonorum, Hortorum Cultus</i> , 2017 , 16, 37-45	1.6	11
23	Physiological quality of organically grown vegetables. <i>Scientia Horticulturae</i> , 2016 , 208, 131-139	4.1	39
22	Nutritional quality of ten leafy vegetables harvested at two light intensities. <i>Food Chemistry</i> , 2016 , 199, 702-10	8.5	132
21	C Stocks in Forest Floor and Mineral Soil of Two Mediterranean Beech Forests. <i>Forests</i> , 2016 , 7, 181	2.8	17
20	Micro-scale vegetable production and the rise of microgreens. <i>Trends in Food Science and Technology</i> , 2016 , 57, 103-115	15.3	156

19	Effect of bacterial root symbiosis and urea as source of nitrogen on performance of soybean plants grown hydroponically for Bioregenerative Life Support Systems (BLSSs). <i>Frontiers in Plant Science</i> , 2015 , 6, 888	6.2	11
18	Arbuscular mycorrhizal fungi act as biostimulants in horticultural crops. <i>Scientia Horticulturae</i> , 2015 , 196, 91-108	4.1	331
17	Soybean cultivation for Bioregenerative Life Support Systems (BLSSs): The effect of hydroponic system and nitrogen source. <i>Advances in Space Research</i> , 2014 , 53, 574-584	2.4	10
16	The Influence of Deficit Irrigation on Growth, Ornamental Quality, and Water Use Efficiency of Three Potted Bougainvillea Genotypes Grown in Two Shapes. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2014 , 49, 1284-1291	2.4	19
15	Impact of the invasive tree black locust on soil properties of Mediterranean stone pine-holm oak forests. <i>Plant and Soil</i> , 2013 , 372, 473-486	4.2	28
14	Soil C and N sequestration in organic and mineral layers of two coeval forest stands implanted on pyroclastic material (Mount Vesuvius, South Italy). <i>Geoderma</i> , 2013 , 209-210, 128-135	6.7	19
13	Stomatal density and metabolic determinants mediate salt stress adaptation and water use efficiency in basil (<i>Ocimum basilicum</i> L.). <i>Journal of Plant Physiology</i> , 2012 , 169, 1737-46	3.6	85
12	Hydroponic cultivation improves the nutritional quality of soybean and its products. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 250-5	5.7	30
11	Organic vs. traditional potato powder. <i>Food Chemistry</i> , 2012 , 133, 1264-1273	8.5	36
10	Soybean cultivar selection for Bioregenerative Life Support Systems (BLSS) □ Theoretical selection. <i>Advances in Space Research</i> , 2012 , 49, 1415-1421	2.4	18
9	Seasonal and multiannual effects of salinisation on tomato yield and fruit quality. <i>Functional Plant Biology</i> , 2012 , 39, 689-698	2.7	23
8	Non-additive effects of litter mixtures on decomposition of leaf litters in a Mediterranean maquis. <i>Plant and Soil</i> , 2011 , 344, 305-317	4.2	55
7	Increasing Water Use Efficiency in Vegetable Crop Production: From Plant to Irrigation Systems Efficiency. <i>HortTechnology</i> , 2011 , 21, 301-308	1.3	53
6	Contrasting Effects of GA3 Treatments on Tomato Plants Exposed to Increasing Salinity. <i>Journal of Plant Growth Regulation</i> , 2010 , 29, 63-72	4.7	132
5	Agro-biology for bioregenerative Life Support Systems in long-term Space missions: General constraints and the Italian efforts. <i>Journal of Plant Interactions</i> , 2009 , 4, 241-252	3.8	23
4	Sulfur fertilization and light exposure during storage are critical determinants of the nutritional value of ready-to-eat friariello campano (<i>Brassica rapa</i> L. subsp. <i>sylvestris</i>). <i>Journal of the Science of Food and Agriculture</i> , 2009 , 89, 2261-2266	4.3	14
3	Plant bioregenerative life supports: The Italian CAB Project. <i>Journal of Plant Interactions</i> , 2007 , 2, 125-134	3.8	7
2	Developmental changes in plant resistance to water flow in <i>Pisum sativum</i> (L.). <i>Plant and Soil</i> , 2003 , 250, 121-128	4.2	8

1 Plant and soil resistance to water flow in faba bean (*Vicia faba* L. major Harz.). *Plant and Soil*, **1999**, 210, 219-231 4.2 9