

# Piergiorgio Stevanato

## List of Publications by Year in descending order

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64  
papers

1,388  
citations

411340

20  
h-index

445137

33  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1581  
citing authors

#	ARTICLE	IF	CITATIONS
1	Morpho-biometric and biochemical responses in lettuce seedlings treated by different application methods of <i>Chlorella vulgaris</i> extract: foliar spray or root drench?. <i>Journal of Applied Phycology</i> , 2022, 34, 889-901.	1.5	13
2	Development of an SNP Assay for Marker-Assisted Selection of Soil-Borne <i>Rhizoctonia solani</i> AG-2-2-IIIb Resistance in Sugar Beet. <i>Biology</i> , 2022, 11, 49.	1.3	6
3	Legumes of the Sardinia Island: Knowledge on Symbiotic and Endophytic Bacteria and Interactive Software Tool for Plant Species Determination. <i>Plants</i> , 2022, 11, 1521.	1.6	4
4	Green walls to treat kitchen greywater in urban areas: Performance from a pilot-scale experiment. <i>Science of the Total Environment</i> , 2021, 757, 144189.	3.9	27
5	Pangenomics of the Symbiotic Rhizobiales. Core and Accessory Functions Across a Group Endowed with High Levels of Genomic Plasticity. <i>Microorganisms</i> , 2021, 9, 407.	1.6	5
6	Foliar Spray Application of <i>Chlorella vulgaris</i> Extract: Effect on the Growth of Lettuce Seedlings. <i>Agronomy</i> , 2021, 11, 308.	1.3	16
7	Novel Effects of Leonardite-Based Applications on Sugar Beet. <i>Frontiers in Plant Science</i> , 2021, 12, 646025.	1.7	11
8	Endophytic Microbiome Responses to Sulfur Availability in <i>Beta vulgaris</i> (L.). <i>International Journal of Molecular Sciences</i> , 2021, 22, 7184.	1.8	5
9	SNP Alleles Associated With Low Bolting Tendency in Sugar Beet. <i>Frontiers in Plant Science</i> , 2021, 12, 693285.	1.7	7
10	Genomic analysis of ionome-related QTLs in <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , 2021, 11, 19194.	1.6	4
11	Transcriptional and Physiological Analyses to Assess the Effects of a Novel Biostimulant in Tomato. <i>Frontiers in Plant Science</i> , 2021, 12, 781993.	1.7	9
12	Combining abilities of sugar beet genotypes for root- and sugar-related traits under multi-environment trials. <i>Plant Breeding</i> , 2020, 139, 192-206.	1.0	3
13	Classification of Grain Amaranths Using Chromosome-Level Genome Assembly of <i>Ramdana</i> , <i>A. hypochondriacus</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 579529.	1.7	6
14	Germination Data Analysis by Time-to-Event Approaches. <i>Plants</i> , 2020, 9, 617.	1.6	16
15	Effect of Microalgal Extracts from <i>Chlorella vulgaris</i> and <i>Scenedesmus quadricauda</i> on Germination of <i>Beta vulgaris</i> Seeds. <i>Plants</i> , 2020, 9, 675.	1.6	26
16	High-Throughput Isolation of Nucleic Acids from Soil. <i>Soil Systems</i> , 2020, 4, 3.	1.0	7
17	Weed Seed Decay in No-Till Field and Planted Riparian Buffer Zone. <i>Plants</i> , 2020, 9, 293.	1.6	10
18	Genotyping by RAD Sequencing Analysis Assessed the Genetic Distinctiveness of Experimental Lines and Narrowed down the Genomic Region Responsible for Leaf Shape in Endive ( <i>Cichorium endivia</i> L.). <i>Genes</i> , 2020, 11, 462.	1.0	5

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19	The hidden layers of microbial community structure: extracting the concealed diversity dimensions from our sequencing data. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	1
20	Sustainability of the Sugar Beet Crop. <i>Sugar Tech</i> , 2019, 21, 703-716.	0.9	49
21	Identification and validation of SNP markers linked to seed toxicity in <i>Jatropha curcas</i> L. <i>Scientific Reports</i> , 2019, 9, 10220.	1.6	11
22	Expression Profiling of Candidate Genes in Sugar Beet Leaves Treated with Leonardite-Based Biostimulant. <i>High-Throughput</i> , 2019, 8, 18.	4.4	6
23	Mass spectrometry-based metabolomic discrimination of <i>Cercospora</i> leaf spot resistant and susceptible sugar beet germplasms. <i>Euphytica</i> , 2019, 215, 1.	0.6	4
24	Molecular and Morphological Changes Induced by Leonardite-based Biostimulant in <i>Beta vulgaris</i> L.. <i>Plants</i> , 2019, 8, 181.	1.6	20
25	Identification of Owen-Type Male Sterility Maintainers Carrying Resistance Against <i>Rhizoctonia</i> Crown and Root Rot (Rcrr) Disease in Sugar Beet Germplasm. <i>Sugar Tech</i> , 2019, 21, 959-965.	0.9	3
26	Comparative Physiological and Proteomic Analysis of Two Sugar Beet Genotypes with Contrasting Salt Tolerance. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6056-6073.	2.4	42
27	Fertimetro, a Principle and Device to Measure Soil Nutrient Availability for Plants by Microbial Degradation Rates on Differently-Spiked Buried Threads. <i>Soil Systems</i> , 2019, 3, 3.	1.0	2
28	Transcriptome Analysis of Salt-Sensitive and Tolerant Genotypes Reveals Salt-Tolerance Metabolic Pathways in Sugar Beet. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5910.	1.8	71
29	Dynamic Response of Key Germination Traits to NaCl Stress in Sugar Beet Seeds. <i>Sugar Tech</i> , 2019, 21, 661-671.	0.9	7
30	Effect of living cells of microalgae or their extracts on soil enzyme activities. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 712-726.	1.3	33
31	Genotype by environment interaction components underlying variations in root, sugar and white sugar yield in sugar beet ( <i>Beta vulgaris</i> L.). <i>Euphytica</i> , 2018, 214, 1.	0.6	43
32	Root morphological and molecular responses induced by microalgae extracts in sugar beet ( <i>Beta</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.5	103
33	Effects of different concentrations of glyphosate (Roundup 360Â®) on earthworms ( <i>Octodrilus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2 Italy. <i>Applied Soil Ecology</i> , 2018, 123, 802-808.	2.1	21
34	Characteristics of Compost Obtained from Winemaking Byproducts. <i>Waste and Biomass Valorization</i> , 2018, 9, 2021-2029.	1.8	8
35	Registration of FC1740 and FC1741 Multigerm, <i>Rhizomania</i> â€Resistant Sugar Beet Germplasm with Resistance to Multiple Diseases. <i>Journal of Plant Registrations</i> , 2018, 12, 257-263.	0.4	4
36	H2O2 Signature and Innate Antioxidative Profile Make the Difference Between Sensitivity and Tolerance to Salt in Rice Cells. <i>Frontiers in Plant Science</i> , 2018, 9, 1549.	1.7	13

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37	Response of Bacterial Communities upon Application of Different Innovative Organic Fertilizers in a Greenhouse Experiment Using Low-Nutrient Soil Cultivated with <i>Cynodon dactylon</i> . <i>Soil Systems</i> , 2018, 2, 52.	1.0	3
38	Fast Regulation of Hormone Metabolism Contributes to Salt Tolerance in Rice ( <i>Oryza sativa</i> spp.) <i>Trends in Plant Science</i> , 2018, 13, 107-110.	1.6	22
39	Application of anaerobic dynamic membrane bioreactor (AnDMBR) for the successful enrichment of Anammox bacteria using mixed anaerobic and aerobic seed sludge. <i>Bioresource Technology</i> , 2018, 266, 532-540.	4.8	23
40	Innovative Approaches to Evaluate Sugar Beet Responses to Changes in Sulfate Availability. <i>Frontiers in Plant Science</i> , 2018, 9, 14.	1.7	29
41	Transcriptome and Cell Physiological Analyses in Different Rice Cultivars Provide New Insights Into Adaptive and Salinity Stress Responses. <i>Frontiers in Plant Science</i> , 2018, 9, 204.	1.7	65
42	Rapid peat accumulation favours the occurrence of both fen and bog microbial communities within a Mediterranean, free-floating peat island. <i>Scientific Reports</i> , 2017, 7, 8511.	1.6	9
43	The physiological and metabolic changes in sugar beet seedlings under different levels of salt stress. <i>Journal of Plant Research</i> , 2017, 130, 1079-1093.	1.2	66
44	Molecular progress in sugar beet breeding for resistance to biotic stresses in sub-arid conditions-current status and perspectives. <i>Journal of Crop Science and Biotechnology</i> , 2017, 20, 99-105.	0.7	9
45	Targeted Next-Generation Sequencing Identification of Mutations in Disease Resistance Gene Analogs (RGAs) in Wild and Cultivated Beets. <i>Genes</i> , 2017, 8, 264.	1.0	10
46	Dynamics of soil prokaryotes catalyzing nitrification and denitrification in response to different fertilizers in a greenhouse experiment with <i>Cynodon dactylon</i> . <i>European Journal of Soil Biology</i> , 2016, 76, 83-91.	1.4	9
47	Proteomic changes induced by potassium deficiency and potassium substitution by sodium in sugar beet. <i>Journal of Plant Research</i> , 2016, 129, 527-538.	1.2	18
48	Sugar Beet Yield and Processing Quality in Relation to Nitrogen Content and Microbiological Diversity of Deep Soil Layer. <i>Sugar Tech</i> , 2016, 18, 67-74.	0.9	5
49	Beneficial Bacteria Isolated from Grapevine Inner Tissues Shape <i>Arabidopsis thaliana</i> Roots. <i>PLoS ONE</i> , 2015, 10, e0140252.	1.1	41
50	Identification and Validation of a SNP Marker Linked to the Gene <i>HsBvm-1</i> for Nematode Resistance in Sugar Beet. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 474-479.	1.0	29
51	Registration of FC305 Multigerm Sugarbeet Germplasm Selected from a Cross to a Crop Wild Relative. <i>Journal of Plant Registrations</i> , 2015, 9, 115-120.	0.4	2
52	Morpho-physiological responses of sugar beet ( <i>Beta vulgaris</i> L.) genotypes to drought stress. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 853-865.	1.0	34
53	High-Throughput RAD-SNP Genotyping for Characterization of Sugar Beet Genotypes. <i>Plant Molecular Biology Reporter</i> , 2013, 32, 691.	1.0	15
54	Identification and characterization of genes differentially displayed in <i>Rosa hybrida</i> petals during flower senescence. <i>Scientia Horticulturae</i> , 2011, 128, 320-324.	1.7	10

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55	Achievements and prospects in breeding for rhizomania resistance in sugar beet. <i>Field Crops Research</i> , 2011, 122, 165-172.	2.3	37
56	Sugar Beet Resistance to Rhizomania: State of the Art and Perspectives. <i>Sugar Tech</i> , 2010, 12, 238-242.	0.9	10
57	Root traits and yield in sugar beet: identification of AFLP markers associated with root elongation rate. <i>Euphytica</i> , 2010, 173, 289-298.	0.6	18
58	Relationship between Subsoil Nitrogen Availability and Sugarbeet Processing Quality. <i>Agronomy Journal</i> , 2010, 102, 17-22.	0.9	13
59	Sugar Beet. , 2010, , 173-219.		65
60	Molecular and morpho-physiological characterization of sea, ruderal and cultivated beets. <i>Euphytica</i> , 2009, 169, 19-29.	0.6	31
61	Genetic transformation of the sugar beet plastome. <i>Transgenic Research</i> , 2009, 18, 17-30.	1.3	63
62	Chicory and Jerusalem artichoke productivity in different areas of Italy, in relation to water availability and time of harvest. <i>Italian Journal of Agronomy</i> , 2006, 1, 291.	0.4	31
63	The origin of rhizomania resistance in sugar beet. <i>Euphytica</i> , 2002, 127, 383-397.	0.6	88
64	The sea beet ( <i>Beta vulgaris</i> L. ssp.maritima) of the adriatic coast as source of resistance for sugar beet. <i>Sugar Tech</i> , 2001, 3, 77-82.	0.9	11