Valentina Scariot

List of Publications by Year
in descending order

87	1,410	304743	377865
papers	citations	22 h-index	34 g-index

87	87	87	1492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Drought stress adaptation modulates plant secondary metabolite production in Salvia dolomitica Codd. Industrial Crops and Products, 2019, 129, 85-96.	5.2	86
2	The effects of 1-MCP in cyclodextrin-based nanosponges to improve the vase life of Dianthus caryophyllus cut flowers. Postharvest Biology and Technology, 2011, 59, 200-205.	6.0	65
3	Ethylene control in cut flowers: Classical and innovative approaches. Postharvest Biology and Technology, 2014, 97, 83-92.	6.0	61
4	Latitude and Altitude Influence Secondary Metabolite Production in Peripheral Alpine Populations of the Mediterranean Species Lavandula angustifolia Mill.. Frontiers in Plant Science, 2018, 9, 983.	3.6	60
5	Ecophysiological and phytochemical responses of Salvia sinaloensis Fern. to drought stress. Plant Growth Regulation, 2018, 84, 383-394.	3.4	56
6	Development and evaluation of microsatellite markers in Phoenix dactylifera L. and their transferability to other Phoenix species. Biologia Plantarum, 2009, 53, 164-166.	1.9	52
7	Characterization and Genetic Relationships of Wild Species and Old Garden Roses Based on Microsatellite Analysis. Journal of the American Society for Horticultural Science, 2006, 131, 66-73.	1.0	49
8	Arbuscular Mycorrhizal Fungi Modulate the Crop Performance and Metabolic Profile of Saffron in Soilless Cultivation. Agronomy, 2019, 9, 232.	3.0	48
9	Ailanthone inhibits cell growth and migration of cisplatin resistant bladder cancer cells through down-regulation of Nrf2, YAP, and c-Myc expression.. Phytomedicine, 2019, 56, 156-164.	5.3	45
10	Water deficit regimes trigger changes in valuable physiological and phytochemical parameters in Helichrysum petiolare Hilliard & B.L. Burtt. Industrial Crops and Products, 2016, 83, 680-692.	5.2	43
11	Saffron Cultivation in Marginal Alpine Environments: How AMF Inoculation Modulates Yield and Bioactive Compounds. Agronomy, 2019, 9, 12.	3.0	35
12	Application of laser microdissection to identify the mycorrhizal fungi that establish arbuscules inside root cells. Frontiers in Plant Science, 2013, 4, 135.	3.6	33
13	Exploring wild edible flowers as a source of bioactive compounds: New perspectives in horticulture. Folia Horticulturae, 2021, 33, 27-48.	1.8	33
14	Development of a Rapid LC-DAD/FLD Method for the Simultaneous Determination of Auxins and Abscisic Acid in Plant Extracts. Journal of Agricultural and Food Chemistry, 2013, 61, 10940-10947.	5.2	32
15	Sustainable Processing of Floral Bio-Residues of Saffron (Crocus sativus L.) for Valuable Biorefinery Products. Plants, 2021, 10, 523.	3.5	31
16	Crocus sativus L. Cultivation in Alpine Environments: Stigmas and Tepals as Source of Bioactive Compounds. Agronomy, 2020, 10, 1473.	3.0	29
17	Application of nonspecific commercial AMF inocula results in poor mycorrhization in Camellia japonica L.. Symbiosis, 2013, 61, 63-76.	2.3	28
18	Development of an Ultrahigh-Performance Liquid Chromatographyâ€“Electrospray Ionizationâ€“Tandem Mass Spectrometry Method for the Simultaneous Determination of Salicylic Acid, Jasmonic Acid, and Abscisic Acid in Rose Leaves. Journal of Agricultural and Food Chemistry, 2014, 62, 6278-6284.	5.2	28

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19	Use of 1-methylcylopropene in cyclodextrin-based nanosponges to control grey mould caused by Botrytis cinerea on Dianthus caryophyllus cut flowers. Postharvest Biology and Technology, 2012, 64, 55-57.	6.0	27
20	Cultivation Substrate Composition Influences Morphology, Volatilome and Essential Oil of Lavandula Angustifolia Mill.. Agronomy, 2019, 9, 411.	3.0	26
21	Edaphic factors trigger diverse AM fungal communities associated to exotic camellias in closely located Lake Maggiore (Italy) sites. Mycorrhiza, 2015, 25, 253-265.	2.8	25
22	Microsatellite-based genetic relationships in the genusCamellia: potential for improving cultivars. Genome, 2010, 53, 384-399.	2.0	24
23	The influence of water stress on growth, ecophysiology and ornamental quality of potted Primula vulgaris â€˜Heidyâ€™ plants. New insights to increase water use efficiency in plant production. Plant Growth Regulation, 2017, 83, 361-373.	3.4	23
24	Sensory Profile, Shelf Life, and Dynamics of Bioactive Compounds during Cold Storage of 17 Edible Flowers. Horticulturae, 2021, 7, 166.	2.8	23
25	Assessment of Partial Peat Substitutes for the Production of Camellia japonica. Hortscience: A Publication of the American Society for Hortcultural Science, 2009, 44, 312-316.	1.0	22
26	A contribution to the classification of evergreen azalea cultivars located in the Lake Maggiore area (Italy) by means of AFLP markers. Euphytica, 2007, 158, 47-66.	1.2	21
27	Î²-Cyclodextrin-based nanosponges as carriers for 1-MCP in extending the postharvest longevity of carnation cut flowers: an evaluation of different degrees of cross-linking. Plant Growth Regulation, 2011, 65, 505-511.	3.4	21
28	From soil to soil-less in horticulture: quality and typicity. Italian Journal of Agronomy, 2013, 8, 30.	1.0	21
29	Pollen morphology as fertility predictor in hybrid tea roses. Euphytica, 2011, 178, 203-214.	1.2	19
30	Adaptation to iron deficiency and high pH in evergreen azaleas (Rhododendron spp.): potential resources for breeding. Euphytica, 2017, 213, 1.	1.2	19
31	Activity of Ailanthus altissima (Mill.) Swingle Extract as a Potential Bioherbicide for Sustainable Weed Management in Horticulture. Agronomy, 2020, 10, 965.	3.0	19
32	Prolonged Cold Storage Affects Pollen Viability and Germination along with Hydrogen Peroxide and Nitric Oxide Content in <i>Rosa hybrida</i>. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2016, 44, 6-10.	1.1	18
33	Dynamics of abscisic acid and indole-3-acetic acid during the early-middle stage of seed development in Rosa hybrida. Plant Growth Regulation, 2015, 75, 265-270.	3.4	17
34	Environmental Impact of Edible Flower Production: A Case Study. Agronomy, 2020, 10, 579.	3.0	16
35	Phytochemical Profile and Antioxidant Properties of Italian Green Tea, a New High Quality Niche Product. Horticulturae, 2021, 7, 91.	2.8	15
36	Flowering Mechanisms and Environmental Stimuli for Flower Transition: Bases for Production Scheduling in Greenhouse Floriculture. Plants, 2022, 11, 432.	3.5	15

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37	Pollen Grain Preservation and Fertility in Valuable Commercial Rose Cultivars. Plants, 2017, 6, 17.	3.5	13
38	Metabarcoding of Soil Fungal Communities Associated with Alpine Field-Grown Saffron (Crocus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	3.5	13
39	In vitroseed germination and seedling propagation inCampanulaspp. Plant Biosystems, 2012, 146, 15-23.	1.6	12
40	Î²-Cyclodextrin-based nanosponges improve 1-MCP efficacy in extending the postharvest quality of cut flowers. Scientia Horticulturae, 2013, 159, 162-165.	3.6	12
41	Ailanthone from Ailanthus altissima (Mill.) Swingle as potential natural herbicide. Scientia Horticulturae, 2019, 257, 108702.	3.6	12
42	Wild Camellia japonica specimens in the Shimane prefecture (Japan) host previously undescribed AMF diversity. Applied Soil Ecology, 2017, 115, 10-18.	4.3	11
43	Functionalized dextrin-based nanosponges as effective carriers for the herbicide ailanthone. Industrial Crops and Products, 2021, 164, 113346.	5.2	11
44	Hydroponic Screening for Iron Deficiency Tolerance in Evergreen Azaleas. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2015, 43, 210-213.	1.1	10
45	Arbuscular mycorrhizal fungi as natural biofertilizers: current role and potential for the horticulture industry. Acta Horticulturae, 2018, , 207-216.	0.2	10
46	POLLEN GRAIN PRESERVATION AT LOW TEMPERATURES IN VALUABLE COMMERCIAL ROSE CULTIVARS. Acta Horticulturae, 2015, , 63-66.	0.2	9
47	EVALUATION OF EUROPEAN NATIVE BLUEBELLS FOR SUSTAINABLE FLORICULTURE. Acta Horticulturae, 2012, , 273-279.	0.2	8
48	SCREENING FOR DROUGHT TOLERANCE IN SALVIA SPP. AND HELICHRYSUM PETIOLARE: A WAY TO SELECT LOW MAINTENANCE ORNAMENTAL PLANTS. Acta Horticulturae, 2012, , 239-246.	0.2	8
49	Efficacy of flurprimidol and peat alternatives on growth control of potted camellias. New Zealand Journal of Crop and Horticultural Science, 2013, 41, 230-239.	1.3	8
50	Narceaâ€”an unknown, ancient cultivated rose variety from northern Spain. Horticulture Research, 2020, 7, 44.	6.3	8
51	Azalea Phylogeny Reconstructed by Means of Molecular Techniques. Methods in Molecular Biology, 2010, 589, 349-364.	0.9	7
52	Embryo and hip development in hybrid roses. Plant Growth Regulation, 2013, 69, 107-116.	3.4	7
53	Cold Treatment Breaks Dormancy but Jeopardizes Flower Quality in Camellia japonica L.. Frontiers in Plant Science, 2015, 6, 983.	3.6	6
54	Preliminary Observations on Viola calcarata as a Source of Bioactive Compounds: Antioxidant Activity and Phytochemical Profile of Two Alpine Subspecies. Agronomy, 2021, 11, 2241.	3.0	6

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55	Contribution of the <i>Rhododendron ripense</i> Makino Chloroplast Genome to the Development of Evergreen Azalea Cultivars. Horticulture Journal, 2021, 90, 223-231.	0.8	5
56	TRANSFORMATION OF VITIS VINIFERA L. CV NEBBIOLO WITH THE COAT PROTEIN GENE OF GRAPEVINE FANLEAF VIRUS (GFLV). Acta Horticulturae, 2003, , 309-314.	0.2	5
57	Are rhododendron hybrids distinguishable on the basis of morphology and microsatellite polymorphism?. Scientia Horticulturae, 2010, 125, 469-476.	3.6	3
58	Floriculture and territory â€“ the protection of the traditional Italian tipicity: the case of â€œLa Camelia del Lago Maggiore (PGI)â€. Acta Horticulturae, 2018, , 241-250.	0.2	3
59	EVALUATION OF FLOWERING TIME AND ORNAMENTAL CHARACTERISTICS IN AUTUMN CAMELLIAS. Acta Horticulturae, 2010, , 319-324.	0.2	3
60	SALT TOLERANCE IN LIGUSTRUM SINENSIS LOUR. FOR URBAN GREEN AREAS. Acta Horticulturae, 2013, , 239-242.	0.2	3
61	Compositional Characteristics and Antioxidant Activity of Edible Rose Flowers and Their Effect on Phenolic Urinary Excretion. Polish Journal of Food and Nutrition Sciences, 2021, , 383-392.	1.7	3
62	Germination Performances of 14 Wildflowers Screened for Shaping Urban Landscapes in Mountain Areas. Sustainability, 2022, 14, 2641.	3.2	3
63	EFFECTS OF ANTI-ETHYLENE COMPOUNDS INCLUDED IN NANOSPONGES IN IMPROVING THE POSTHARVEST LONGEVITY OF CARNATION (DIANTHUS CARYOPHYLLUS) AND BUTTERCUP (RANUNCULUS ASIATICUS) CUT FLOWERS. Acta Horticulturae, 2009, , 237-244.	0.2	2
64	POLLEN DIAMETER RELATES TO SEED PRODUCTION IN CUT ROSES. Acta Horticulturae, 2010, , 143-146.	0.2	2
65	Consequences of geographical habitats on population structure and genetic diversity in Campanula spp.. International Journal of Plant Biology, 2010, 1, 5.	2.6	2
66	SCREENING OF PLANT GROWTH RETARDANTS FOR GROWTH CONTROL IN CAMELLIA. Acta Horticulturae, 2012, , 265-270.	0.2	2
67	CHANGES IN ABA LEVELS IN VEGETATIVE AND FLOWER BUDS DURING DORMANCY IN CAMELLIA. Acta Horticulturae, 2012, , 247-254.	0.2	2
68	Ailanthone inhibition data on seed germination and seedling growth of Lepidium sativum L. and Raphanus sativus L.. Data in Brief, 2019, 26, 104550.	1.0	2
69	Hydroponic Screening for Iron Deficiency Tolerance in Evergreen Azaleas. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2015, 43, .	1.1	2
70	INTRODUCTION AND CONSERVATION OF AUTUMN CAMELLIAS IN HISTORICAL GARDENS OF NORTH-WESTERN ITALY. Acta Horticulturae, 2010, , 927-931.	0.2	2
71	PRESERVATION OF THE OLD BOTANICAL HERITAGE LOCATED IN THE RHODODENDRON VALLEY AT THE BURCINA PARK "F. PIACENZA" (NORTHERN ITALY). Acta Horticulturae, 2010, , 325-330.	0.2	1
72	EVALUATION OF SALINITY TOLERANCE IN BUXUS SPP.. Acta Horticulturae, 2010, , 547-550.	0.2	1

#	ARTICLE	IF	CITATIONS
73	CHARACTERISATION OF FALL-BLOOMING CAMELLIAS AS REVEALED BY SEQUENCE TAGGED MICROSATELLITE SITE MARKERS AND MORPHOLOGICAL TRAITS. Acta Horticulturae, 2011, , 237-243.	0.2	1
74	INVESTIGATIONS ON IN VITRO MULTIPLICATION AND ROOTING IN CAMELLIA JAPONICA L.. Acta Horticulturae, 2012, , 599-605.	0.2	1
75	HYBRID ROSE BREEDING: IMPROVING SEED PRODUCTION EFFICIENCY. Acta Horticulturae, 2013, , 281-286.	0.2	1
76	MUTATION BREEDING USING GAMMA RAYS TO INCREASE SEED GERMINATION IN ROSA HYBRID. Acta Horticulturae, 2015, , 373-378.	0.2	1
77	In vitro culture to improve breeding activities inRosa hybrida. Acta Horticulturae, 2017, , 141-148.	0.2	1
78	CHARACTERIZATION OF A GENEPOOL OF OLD BROAD LEAFED RHODODENDRON HYBRIDS BY MEANS OF STMS MARKERS. Acta Horticulturae, 2009, , 355-360.	0.2	1
79	IMMATURE SEED RESCUE AND ABSCISIC ACID QUANTIFICATION IN ROSA HYBRIDA L. SUGGEST EARLY AND TRANSIENT ENDODORMANCY. Acta Horticulturae, 2012, , 593-598.	0.2	1
80	PROPAGATION AND CULTIVATION PROTOCOLS FOR WILD CREEPING BELLFLOWERS (CAMPANULA) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	1
81	POSTHARVEST CONSERVATION OF CUT STEMS OF GENISTA MONOSPERMA 'GABRIELLA' IN CONTROLLED ENVIRONMENTAL CONDITIONS AND PRESERVATIVE SOLUTIONS. Acta Horticulturae, 2009, , 385-392.	0.2	0
82	CUTTING PROPAGATION OF AN OLD ITALIAN GENEPOOL OF EVERGREEN AZALEAS. Acta Horticulturae, 2010, , 331-336.	0.2	0
83	CLONAL PROPAGATION OF A SELECTED HISTORICAL GENE POOL OF EVERGREEN AZALEAS. Acta Horticulturae, 2012, , 79-84.	0.2	0
84	RATIONALIZATION OF CAMELLIA JAPONICA L. POT CULTIVATION: A MULTIDISCIPLINARY APPROACH. Acta Horticulturae, 2013, , 159-166.	0.2	0
85	DISCRIMINATING CAPACITY OF NBS AND MYB GENE PROFILING FOR GENETIC ANALYSES OF CAMPANULA SPP.. Acta Horticulturae, 2010, , 53-60.	0.2	0
86	AN IN VITRO BIOASSAY FOR THE EVALUATION OF COLD TREATMENT ON FLOWER BUD DORMANCY IN CAMELLIA. Acta Horticulturae, 2012, , 607-611.	0.2	0
87	Prolonged Cold Storage Affects Pollen Viability and Germination along with Hydrogen Peroxide and Nitric Oxide Content in Rosa hybrida. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2016, 44, .	1.1	0