

Marie-Christine Van Labeke

List of Publications by Year in descending order

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86
papers

1,863
citations

279798

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docs citations

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times ranked

2196
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.8	20
2	Temperature is an important driver for cold acclimation in garden roses. <i>Scientia Horticulturae</i> , 2022, 296, 110905.	3.6	0
3	Salt Stress Induced Changes in Photosynthesis and Metabolic Profiles of One Tolerant (â€ˆBonicaâ€™™) and One Sensitive (â€ˆBlack Beautyâ€™™) Eggplant Cultivars (<i>Solanum melongena</i> L.). <i>Plants</i> , 2022, 11, 590.	3.5	26
4	Oxygen Consumption by Phalaenopsis Plantlets and Chrysanthemum Cuttings as a Function of Temperature and Time: Model Structure Validation. <i>Agronomy</i> , 2021, 11, 237.	3.0	2
5	Editorial: Advanced Strategies to Reduce the Nitrate Content in Vegetables. <i>Frontiers in Plant Science</i> , 2021, 12, 765636.	3.6	0
6	Dehydrins and Soluble Sugars Involved in Cold Acclimation of <i>Rosa wichurana</i> and Rose Cultivar â€ˆYesterdayâ€™™. <i>Horticulturae</i> , 2021, 7, 379.	2.8	4
7	Overcoming Pre-Fertilization Barriers in Intertribal Crosses between <i>Anemone coronaria</i> L. and <i>Ranunculus asiaticus</i> L.. <i>Horticulturae</i> , 2021, 7, 529.	2.8	4
8	Obtaining Salt Stress-Tolerant Eggplant Somaclonal Variants from In Vitro Selection. <i>Plants</i> , 2021, 10, 2539.	3.5	11
9	Introgression of <i>rol</i> genes from rhizogenic <i>Agrobacterium</i> strains into <i>Escallonia</i> spp.. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 140, 403-414.	2.3	0
10	In vitro shoot growth and adventitious rooting of <i>Wikstroemia gemmata</i> depends on light quality. <i>Israel Journal of Plant Sciences</i> , 2020, 67, 16-26.	0.5	1
11	Timing of light quality affects susceptibility to <i>Botrytis cinerea</i> in strawberry leaves. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 211, 111988.	3.8	4
12	Phenotypic Variation of <i>Botrytis cinerea</i> Isolates Is Influenced by Spectral Light Quality. <i>Frontiers in Plant Science</i> , 2020, 11, 1233.	3.6	23
13	In-Depth Observation on the Microbial and Fungal Community Structure of Four Contrasting Tomato Cultivation Systems in Soil Based and Soilless Culture Systems. <i>Frontiers in Plant Science</i> , 2020, 11, 520834.	3.6	9
14	Red Light Is Effective in Reducing Nitrate Concentration in Rocket by Increasing Nitrate Reductase Activity, and Contributes to Increased Total Glucosinolates Content. <i>Frontiers in Plant Science</i> , 2020, 11, 604.	3.6	27
15	The jasmonic acid pathway, rather than abscisic acid, may partly explain contrasting stomatal responses in two strawberry cultivars under osmotic stress. <i>Plant Physiology and Biochemistry</i> , 2020, 151, 21-33.	5.8	9
16	Spectral quality of monochromatic LED affects photosynthetic acclimation to high-intensity sunlight of <i>Chrysanthemum</i> and <i>Spathiphyllum</i> . <i>Physiologia Plantarum</i> , 2020, 169, 10-26.	5.2	16
17	Cold Acclimation and Deacclimation of Two Garden Rose Cultivars Under Controlled Daylength and Temperature. <i>Frontiers in Plant Science</i> , 2020, 11, 327.	3.6	13
18	Ecophysiological and biochemical aspects of olive tree (<i>Olea europaea</i> L.) in response to salt stress and gibberellic acid-induced alleviation. <i>South African Journal of Botany</i> , 2020, 132, 38-44.	2.5	10

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19	Application of Proximal Optical Sensors to Fine-Tune Nitrogen Fertilization: Opportunities for Woody Ornamentals.. Agronomy, 2019, 9, 408.	3.0	4
20	Tomato plants rather than fertilizers drive microbial community structure in horticultural growing media. Scientific Reports, 2019, 9, 9561.	3.3	29
21	Physiological responses and aquaporin expression upon drought and osmotic stress in a conservative vs prodigal <i>Fragaria x ananassa</i> cultivar. Plant Physiology and Biochemistry, 2019, 145, 95-106.	5.8	20
22	Utility of proximal plant sensors to support nitrogen fertilization in <i>Chrysanthemum</i> . Scientia Horticulturae, 2019, 256, 108544.	3.6	10
23	LED light quality intensifies leaf pigmentation in ornamental pot plants. Scientia Horticulturae, 2019, 253, 270-275.	3.6	29
24	Adventitious rooting of <i>Chrysanthemum</i> is stimulated by a low red:far-red ratio. Journal of Plant Physiology, 2019, 236, 117-123.	3.5	24
25	Light quality affects light harvesting and carbon sequestration during the diel cycle of crassulacean acid metabolism in <i>Phalaenopsis</i> . Photosynthesis Research, 2019, 141, 195-207.	2.9	10
26	Seasonal changes in cold hardiness and carbohydrate metabolism in four garden rose cultivars. Journal of Plant Physiology, 2019, 232, 188-199.	3.5	25
27	Three-year screening for cold hardiness of garden roses. Scientia Horticulturae, 2019, 245, 12-18.	3.6	13
28	Leaf age and light quality influence the basal resistance against <i>Botrytis cinerea</i> in strawberry leaves. Environmental and Experimental Botany, 2019, 157, 35-45.	4.2	29
29	Coordinated changes in photosynthetic machinery performance and water relations of the xerophytic shrub <i>Ziziphus lotus</i> (L.) Lam. (Rhamnaceae) following soil drying. Photosynthetica, 2019, 57, 113-120.	1.7	2
30	Identification and substrate prediction of new <i>Fragaria x ananassa</i> aquaporins and expression in different tissues and during strawberry fruit development. Horticulture Research, 2018, 5, 20.	6.3	12
31	Effects of different irradiation levels of light quality on <i>Chrysanthemum</i> . Scientia Horticulturae, 2018, 233, 124-131.	3.6	26
32	Factors affecting grazing preference by sheep in a breeding population of tall fescue (<i>Festuca</i>) Tj ETQq0 0 0 rgBTJ (Overlock 10 Tf 50	2.9	5
33	Salt stress affects germination, seedling growth and physiological responses differentially in eggplant cultivars (<i>Solanum melongena</i> L.). Scientia Horticulturae, 2018, 228, 56-65.	3.6	78
34	Pollen characteristics and stigma receptivity for <i>Anemone coronaria</i> L.. Euphytica, 2018, 214, 1.	1.2	3
35	Prediction of Lime Tolerance in <i>Rhododendron</i> Based on Herbarium Specimen and Geochemical Data. Frontiers in Plant Science, 2018, 9, 1538.	3.6	10
36	<i>Ranunculus</i> . Handbook of Plant Breeding, 2018, , 649-671.	0.1	6

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37	The Variable Effect of Polyploidization on the Phenotype in Escallonia. <i>Frontiers in Plant Science</i> , 2018, 9, 354.	3.6	32
38	Helleborus. <i>Handbook of Plant Breeding</i> , 2018, , 439-452.	0.1	1
39	Morpho-physiological responses to dehydration stress of perennial ryegrass and tall fescue genotypes. <i>Functional Plant Biology</i> , 2017, 44, 612.	2.1	7
40	Chrysanthemum morphology, photosynthetic efficiency and antioxidant capacity are differentially modified by light quality. <i>Journal of Plant Physiology</i> , 2017, 213, 66-74.	3.5	50
41	Impact of an Urban Environment on Trace Element Concentrations in Domestically Produced Lettuce (<i>Lactuca sativa</i> L.). <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	11
42	Interspecific hybridization in <i>Sarcococca</i> supported by analysis of ploidy level, genome size and genetic relationships. <i>Euphytica</i> , 2017, 213, 1.	1.2	18
43	Long-Term Effects of Red- and Blue-Light Emitting Diodes on Leaf Anatomy and Photosynthetic Efficiency of Three Ornamental Pot Plants. <i>Frontiers in Plant Science</i> , 2017, 8, 917.	3.6	125
44	Stay-green characterization in Belgian forage maize. <i>Journal of Agricultural Science</i> , 2017, 155, 766-776.	1.3	7
45	Suboptimal Light Conditions Influence Source-Sink Metabolism during Flowering. <i>Frontiers in Plant Science</i> , 2016, 7, 249.	3.6	15
46	Growing media constituents determine the microbial nitrogen conversions in organic growing media for horticulture. <i>Microbial Biotechnology</i> , 2016, 9, 389-399.	4.2	42
47	Variation in biochemical characteristics, water status, stomata features, leaf carbon isotope composition and its relationship to water use efficiency in pistachio (<i>Pistacia vera</i> L.) cultivars under drought stress condition. <i>Scientia Horticulturae</i> , 2016, 211, 158-166.	3.6	24
48	Mineral and organic growing media have distinct community structure, stability and functionality in soilless culture systems. <i>Scientific Reports</i> , 2016, 6, 18837.	3.3	72
49	Pesticide knowledge and practice among horticultural workers in the Lâm Đồng region, Vietnam: A case study of chrysanthemum and strawberries. <i>Science of the Total Environment</i> , 2016, 550, 1001-1009.	8.0	50
50	Cold storage to overcome dormancy affects the carbohydrate status and photosynthetic capacity of <i>hododendron simsii</i> . <i>Plant Biology</i> , 2015, 17, 97-105.	3.8	17
51	Cold Treatment Breaks Dormancy but Jeopardizes Flower Quality in <i>Camellia japonica</i> L.. <i>Frontiers in Plant Science</i> , 2015, 6, 983.	3.6	6
52	Osmotic stress affects physiological responses and growth characteristics of three pistachio cultivars. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	8
53	High oxygen atmospheres can induce russet spotting development in minimally processed iceberg lettuce. <i>Postharvest Biology and Technology</i> , 2015, 100, 168-175.	6.0	38
54	Flower differentiation of azalea depends on genotype and not on the use of plant growth regulators. <i>Plant Growth Regulation</i> , 2015, 75, 245-252.	3.4	8

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55	Differential responses to drought stress in leaves and roots of wild jujube, <i>Ziziphus lotus</i> . <i>Acta Physiologiae Plantarum</i> , 2014, 36, 945-953.	2.1	13
56	Application of chlorophyll fluorescence to screen eggplant (<i>Solanum melongena</i> L.) cultivars for salt tolerance. <i>Photosynthetica</i> , 2014, 52, 57-62.	1.7	32
57	Determining the minimum daily light integral for forcing of azalea (<i>Rhododendron simsii</i>). <i>Scientia Horticulturae</i> , 2014, 177, 1-9.	3.6	13
58	'Organic growing medium inhibits the crazy roots syndrome: a case study with <i>Solanum melongena</i> '. <i>Communications in Agricultural and Applied Biological Sciences</i> , 2014, 79, 51-6.	0.0	1
59	Fruit thinning affects photosynthetic activity, carbohydrate levels, and shoot and fruit development of olive trees grown under semiarid conditions. <i>Functional Plant Biology</i> , 2013, 40, 1179.	2.1	13
60	Embryo and hip development in hybrid roses. <i>Plant Growth Regulation</i> , 2013, 69, 107-116.	3.4	7
61	Floral characteristics and gametophyte development of <i>Anemone coronaria</i> L. and <i>Ranunculus asiaticus</i> L. (<i>Ranunculaceae</i>). <i>Scientia Horticulturae</i> , 2012, 138, 73-80.	3.6	11
62	Flower development and effects of a cold treatment and a supplemental gibberellic acid application on flowering of <i>Helleborus niger</i> and <i>Helleborus x ericsmithii</i> . <i>Scientia Horticulturae</i> , 2012, 136, 145-151.	3.6	13
63	A new method to determine the energy saving night temperature for vegetative growth of <i>Phalaenopsis</i> . <i>Annals of Applied Biology</i> , 2011, 158, 331-345.	2.5	14
64	Pollen morphology as fertility predictor in hybrid tea roses. <i>Euphytica</i> , 2011, 178, 203-214.	1.2	19
65	A method for testing drought tolerance in <i>Fragaria</i> based on fast screening for water deficit response and use of associated AFLP and EST candidate gene markers. <i>Euphytica</i> , 2011, 180, 385-409.	1.2	10
66	Nondestructive determination of nitrogen and chlorophyll content in olive tree leaves and the relation with photosynthesis and fluorescence parameters. <i>Photosynthetica</i> , 2011, 49, 149-153.	1.7	20
67	Influence of ploidy level on morphology, growth and drought susceptibility in <i>Spathiphyllum wallisii</i> . <i>Acta Physiologiae Plantarum</i> , 2011, 33, 1149-1156.	2.1	109
68	Fate of vinclozolin, thiabendazole and dimethomorph during storage, handling and forcing of chicory. <i>Pest Management Science</i> , 2010, 66, 126-131.	3.4	5
69	Effect of spray application technique on spray deposition in greenhouse strawberries and tomatoes. <i>Pest Management Science</i> , 2010, 66, 203-212.	3.4	31
70	Seasonal variation of photosynthesis and photosynthetic efficiency in <i>Phalaenopsis</i> . <i>Photosynthetica</i> , 2010, 48, 580-588.	1.7	12
71	Histogenic analysis of chemically induced mixoploids in <i>Spathiphyllum wallisii</i> . <i>Euphytica</i> , 2010, 174, 61-72.	1.2	16
72	Detailed analysis of double girdling effects on stem diameter variations and sap flow in young oak trees. <i>Environmental and Experimental Botany</i> , 2010, 68, 149-156.	4.2	60

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73	Effects of nitrogen deficiency on leaf photosynthesis, carbohydrate status and biomass production in two olive cultivars "Meski"™ and "Koroneiki"™. <i>Scientia Horticulturae</i> , 2010, 123, 336-342.	3.6	189
74	Diurnal cycle of chlorophyll fluorescence in <i>Phalaenopsis</i> . <i>Photosynthetica</i> , 2009, 47, 309-312.	1.7	15
75	In vitro polyploidisation of <i>Helleborus</i> species. <i>Euphytica</i> , 2009, 165, 89-95.	1.2	32
76	In vitro induction of tetraploids in ornamental <i>Ranunculus</i> . <i>Euphytica</i> , 2009, 168, 33-40.	1.2	38
77	Optimization of horse chestnut (<i>Aesculus hippocastanum</i> L.) somatic embryo conversion. <i>Plant Cell, Tissue and Organ Culture</i> , 2009, 98, 115-123.	2.3	26
78	Temperature integration of <i>Hedera helix</i> L.: Quality aspects and growth response. <i>Scientia Horticulturae</i> , 2009, 120, 89-95.	3.6	10
79	Influence of Spray Application Technique on Spray Deposition in Greenhouse Ivy Pot Plants Grown on Hanging Shelves. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009, 44, 1921-1927.	1.0	30
80	Chlorophyll fluorescence as a tool for evaluation of drought stress in strawberry. <i>Photosynthetica</i> , 2008, 46, 631-633.	1.7	52
81	In vitro propagation of <i>Helleborus</i> species. <i>Plant Cell, Tissue and Organ Culture</i> , 2007, 91, 175-177.	2.3	7
82	Chemical control of plant habitus in summer-to-autumn flowering chrysanthemum (<i>Dendranthema</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.0	0
83	Seasonal influence on vegetative growth and flower initiation of <i>Spathiphyllum</i> . <i>South African Journal of Botany</i> , 2003, 69, 129-134.	2.5	2
84	Diuron and chlorotoluron herbicides dissipation and leaching out from the peat substrate of containers of ornamental plants in nursery. <i>Toxicological and Environmental Chemistry</i> , 1999, 73, 55-66.	1.2	0
85	Effect of supplementary lighting and CO2 enrichment on yield and flower stem quality of <i>Alstroemeria</i> cultivars. <i>Scientia Horticulturae</i> , 1998, 74, 269-278.	3.6	9
86	Response of five <i>Alstroemeria</i> cultivars to soil cooling and supplementary lighting. <i>Scientia Horticulturae</i> , 1993, 56, 135-145.	3.6	9