

Uulke van Meeteren

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,694
citations

279798

23
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289244

40
g-index

63
all docs

63
docs citations

63
times ranked

1407
citing authors

#	ARTICLE	IF	CITATIONS
1	Is nitric oxide a critical key factor in ABA-induced stomatal closure?. <i>Journal of Experimental Botany</i> , 2020, 71, 399-410.	4.8	21
2	Re-evaluating the role of bacteria in gerbera vase life. <i>Postharvest Biology and Technology</i> , 2018, 143, 1-12.	6.0	7
3	Combined preharvest and postharvest treatments affect rapid leaf wilting in <i>Bouvardia</i> cut flowers. <i>Scientia Horticulturae</i> , 2018, 227, 75-78.	3.6	4
4	An ultra-dense integrated linkage map for hexaploid chrysanthemum enables multi-allelic QTL analysis. <i>Theoretical and Applied Genetics</i> , 2017, 130, 2527-2541.	3.6	52
5	Breeding for postharvest performance in chrysanthemum by selection against storage-induced degreening of disk florets. <i>Postharvest Biology and Technology</i> , 2017, 124, 45-53.	6.0	12
6	The role of carbohydrates in storage induced disk floret degreening in chrysanthemum. <i>Acta Horticulturae</i> , 2016, , 81-86.	0.2	0
7	Stomatal characteristics and desiccation response of leaves of cut chrysanthemum (<i>Chrysanthemum</i>) Tj ETQq1 1 0,784314 rgBT /Overl 3.6 45	3.6	45
8	Genotypic differences in metabolomic changes during storage induced-degreening of chrysanthemum disk florets. <i>Postharvest Biology and Technology</i> , 2016, 115, 48-59.	6.0	13
9	CAN PHENOTYPING FOR WATER BALANCE IMPROVE BREEDING FOR VASE LIFE?. <i>Acta Horticulturae</i> , 2015, , 149-154.	0.2	1
10	PREDICTING ROSE VASE LIFE IN A SUPPLY CHAIN. <i>Acta Horticulturae</i> , 2015, , 283-289.	0.2	4
11	Natural variation in stomatal response to closing stimuli among <i>Arabidopsis thaliana</i> accessions after exposure to low VPD as a tool to recognize the mechanism of disturbed stomatal functioning. <i>Journal of Experimental Botany</i> , 2014, 65, 6529-6542.	4.8	75
12	Stomatal malfunctioning under low VPD conditions: induced by alterations in stomatal morphology and leaf anatomy or in the ABA signaling?. <i>Physiologia Plantarum</i> , 2014, 152, 688-699.	5.2	73
13	Can prolonged exposure to low VPD disturb the ABA signalling in stomatal guard cells?. <i>Journal of Experimental Botany</i> , 2013, 64, 3551-3566.	4.8	74
14	HOW IMPORTANT ARE BACTERIA FOR THE VASE LIFE OF CUT GERBERA FLOWERS?. <i>Acta Horticulturae</i> , 2013, , 115-120.	0.2	2
15	Differences in N uptake and fruit quality between organically and conventionally grown greenhouse tomatoes. <i>Agronomy for Sustainable Development</i> , 2010, 30, 797-806.	5.3	37
16	Effect of S-carvone on vase life parameters of selected cut flower and foliage species. <i>Postharvest Biology and Technology</i> , 2010, 55, 66-69.	6.0	22
17	EFFECT OF (CHANGES IN) AIR HUMIDITY ON TRANSPIRATION AND (ADAPTATION OF) STOMATAL CLOSURE OF <i>TRADESCANTIA</i> LEAVES DURING WATER STRESS. <i>Acta Horticulturae</i> , 2009, , 115-122.	0.2	4
18	OBSTRUCTION OF WATER UPTAKE IN CUT CHRYSANTHEMUM STEMS AFTER DRY STORAGE: ROLE OF WOUND-INDUCED INCREASE IN ENZYME ACTIVITIES AND AIR EMBOLI. <i>Acta Horticulturae</i> , 2009, , 199-206.	0.2	8

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19	COULD WOUND-INDUCED XYLEM PEROXIDE CONTRIBUTE TO THE POSTHARVEST LOSS OF HYDRAULIC CONDUCTIVITY IN STEMS?. <i>Acta Horticulturae</i> , 2009, , 287-294.	0.2	2
20	COMPARISON OF THE PHYSICAL PROPERTIES OF VERMICOMPOST FROM PAPER MILL SLUDGE AND GREEN COMPOST AS SUBSTITUTES FOR PEAT-BASED POTTING MEDIA. <i>Acta Horticulturae</i> , 2009, , 227-234.	0.2	5
21	CAUSES OF QUALITY LOSS OF CUT FLOWERS - A CRITICAL ANALYSIS OF POSTHARVEST TREATMENTS. <i>Acta Horticulturae</i> , 2009, , 27-36.	0.2	8
22	Dynamics of adaptation of stomatal behaviour to moderate or high relative air humidity in <i>Tradescantia virginiana</i> . <i>Journal of Experimental Botany</i> , 2008, 59, 289-301.	4.8	42
23	WHY DO WE TREAT FLOWERS THE WAY WE DO? A SYSTEM ANALYSIS APPROACH OF THE CUT FLOWER POSTHARVEST CHAIN. <i>Acta Horticulturae</i> , 2007, , 61-74.	0.2	7
24	Inhibition of water uptake after dry storage of cut flowers: Role of aspired air and wound-induced processes in <i>Chrysanthemum</i> . <i>Postharvest Biology and Technology</i> , 2006, 41, 70-77.	6.0	36
25	The role of abscisic acid in disturbed stomatal response characteristics of <i>Tradescantia virginiana</i> during growth at high relative air humidity. <i>Journal of Experimental Botany</i> , 2006, 58, 627-636.	4.8	58
26	Dynamics of spatial heterogeneity of stomatal closure in <i>Tradescantia virginiana</i> altered by growth at high relative air humidity. <i>Journal of Experimental Botany</i> , 2006, 57, 3669-3678.	4.8	42
27	EFFECT OF GROWTH CONDITIONS ON POST HARVEST REHYDRATION ABILITY OF CUT CHRYSANTHEMUM FLOWERS. <i>Acta Horticulturae</i> , 2005, , 287-296.	0.2	15
28	EFFECTS OF WATER STRESS DURING GROWTH ON XYLEM ANATOMY, XYLEM FUNCTIONING AND VASE LIFE IN THREE ZINNIA ELEGANS CULTIVARS. <i>Acta Horticulturae</i> , 2005, , 303-312.	0.2	24
29	Stomatal response characteristics of <i>Tradescantia virginiana</i> grown at high relative air humidity. <i>Physiologia Plantarum</i> , 2005, 125, 324-332.	5.2	70
30	THE USE OF IMAGING OF THE EFFICIENCY OF PHOTOSYSTEM II ELECTRON TRANSPORT TO VISUALISE THE EFFECT OF DRY STORAGE ON THE PHOTOSYNTHESIS AND STOMATAL CLOSURE OF CUT ROSE STEMS. <i>Acta Horticulturae</i> , 2005, , 57-62.	0.2	4
31	MACRO- AND MICROSCOPIC ASPECTS OF FRUIT WATER RELATIONS INFLUENCING GROWTH AND QUALITY IN TOMATO. <i>Acta Horticulturae</i> , 2005, , 501-506.	0.2	3
32	FOREWORD AND PREFACE. <i>Acta Horticulturae</i> , 2005, , 5-6.	0.2	0
33	Flower opening and closure: a review. <i>Journal of Experimental Botany</i> , 2003, 54, 1801-1812.	4.8	283
34	Distribution of xylem hydraulic resistance in fruiting truss of tomato influenced by water stress. <i>Journal of Experimental Botany</i> , 2003, 54, 317-324.	4.8	45
35	EFFECTS OF LOW O ₂ ON CUT ROSE FLOWERS AT SUBOPTIMAL TEMPERATURE. <i>Acta Horticulturae</i> , 2003, , 855-861.	0.2	3
36	Embolism repair in cut flower stems: a physical approach. <i>Postharvest Biology and Technology</i> , 2002, 25, 1-14.	6.0	30

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37	Induction of air embolism in xylem conduits of pre-defined diameter. <i>Journal of Experimental Botany</i> , 2001, 52, 981-991.	4.8	36
38	PHOTOSYNTHATES: MAINLY STORED AND YET LIMITING IN PROPAGATION OF ROSE CUTTINGS. <i>Acta Horticulturae</i> , 2001, , 167-174.	0.2	8
39	QUANTIFICATION OF EMBOLI BY VISUALIZATION OF AIR FILLED XYLEM VESSELS. <i>Acta Horticulturae</i> , 2001, , 245-250.	0.2	3
40	SHOULD WE RECONSIDER THE USE OF DEIONIZED WATER AS CONTROL VASE SOLUTIONS?. <i>Acta Horticulturae</i> , 2001, , 257-264.	0.2	8
41	DOCIS: A MODEL TO SIMULATE CARBOHYDRATE BALANCE AND DEVELOPMENT OF INFLORESCENCE DURING VASE LIFE. <i>Acta Horticulturae</i> , 2001, , 359-365.	0.2	1
42	PROCESSES AND XYLEM ANATOMICAL PROPERTIES INVOLVED IN REHYDRATION DYNAMICS OF CUT FLOWERS. <i>Acta Horticulturae</i> , 2001, , 199-205.	0.2	9
43	Xylem hydraulic conductivity related to conduit dimensions along chrysanthemum stems. <i>Journal of Experimental Botany</i> , 2001, 52, 319-327.	4.8	37
44	Fluid ionic composition influences hydraulic conductance of xylem conduits. <i>Journal of Experimental Botany</i> , 2000, 51, 769-776.	4.8	127
45	AIR IN XYLEM VESSELS OF CUT FLOWERS. <i>Acta Horticulturae</i> , 2000, , 479-486.	0.2	10
46	Effect of time since harvest and handling conditions on rehydration ability of cut chrysanthemum flowers. <i>Postharvest Biology and Technology</i> , 1999, 16, 169-177.	6.0	28
47	Reconsideration of the use of deionized water as vase water in postharvest experiments on cut flowers. <i>Postharvest Biology and Technology</i> , 1999, 17, 175-187.	6.0	24
48	QUALITY MODELS IN HORTICULTURE NEED PRODUCT QUALITY: A RARE BUT CHALLENGING FIELD OF EXPLORATION. <i>Acta Horticulturae</i> , 1998, , 175-188.	0.2	4
49	ASPECTS OF CARBOHYDRATE BALANCE DURING FLORET OPENING IN FREESIA. <i>Acta Horticulturae</i> , 1995, , 117-122.	0.2	7
50	ROLE OF FLOWER BUDS IN FLOWER BUD ABSCISSION IN HIBISCUS. <i>Acta Horticulturae</i> , 1995, , 284-289.	0.2	5
51	Role of air embolism and low water temperature in water balance of cut chrysanthemum flowers. <i>Scientia Horticulturae</i> , 1992, 51, 275-284.	3.6	35
52	TRANSPIRATION AND STOMATAL CONDUCTANCE OF ROSES CV SONIA GROWN WITH SUPPLEMENTAL LIGHTING.. <i>Acta Horticulturae</i> , 1991, , 119-126.	0.2	20
53	ON THE ROLE OF ETHYLENE BIOSYNTHESIS IN FLOWER-BUD ABSCISSION OF LILIUM X 'ENCHANTMENT'. <i>Acta Horticulturae</i> , 1986, , 641-644.	0.2	1
54	POSSIBILITIES TO FORCE MINIATURE GLADIOLUS YEAR ROUND?. <i>Acta Horticulturae</i> , 1986, , 645-650.	0.2	0

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55	The existence of a critical period for the abscission and a non-critical period for blasting of flower-buds of <i>Lilium</i> 'Enchantment™'; influence of light and ethylene. <i>Scientia Horticulturae</i> , 1983, 18, 287-297.	3.6	20
56	LIGHT-CONTROLLED FLOWER-BUD ABSCISSION OF LILIUM 'ENCHANTMENT' IS NOT MEDIATED BY PHOTOSYNTHESIS. <i>Acta Horticulturae</i> , 1982, , 37-46.	0.2	5
57	Water relations and keeping-quality of cut Gerbera flowers. V. Role of endogenous cytokinins. <i>Scientia Horticulturae</i> , 1980, 12, 273-281.	3.6	9
58	Water relations and keeping-quality of cut Gerbera flowers. VI. Role of pressure potential. <i>Scientia Horticulturae</i> , 1980, 12, 283-292.	3.6	2
59	Water relations and keeping-quality of cut Gerbera flowers. III. Water content, permeability and dry weight of ageing petals. <i>Scientia Horticulturae</i> , 1979, 10, 261-269.	3.6	24
60	Water relations and keeping-quality of cut gerbera flowers. IV. Internal water relations of ageing petal-tissue. <i>Scientia Horticulturae</i> , 1979, 11, 83-93.	3.6	12
61	Water relations and keeping-quality of cut Gerbera flowers. II. Water balance of ageing flowers. <i>Scientia Horticulturae</i> , 1978, 9, 189-197.	3.6	20
62	Water relations and keeping-quality of cut Gerbera flowers. I. The cause of stem break. <i>Scientia Horticulturae</i> , 1978, 8, 65-74.	3.6	66