Uulke van Meeteren

List of Publications by Year
in descending order

62	1,694	279487	288905
papers	citations	23 h-index	40 g-index

63	63	63	1407
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Is nitric oxide a critical key factor in ABA-induced stomatal closure?. Journal of Experimental Botany, 2020, 71, 399-410.	2.4	21
2	Re-evaluating the role of bacteria in gerbera vase life. Postharvest Biology and Technology, 2018, 143, 1-12.	2.9	7
3	Combined preharvest and postharvest treatments affect rapid leaf wilting in Bouvardia cut flowers. Scientia Horticulturae, 2018, 227, 75-78.	1.7	4
4	An ultra-dense integrated linkage map for hexaploid chrysanthemum enables multi-allelic QTL analysis. Theoretical and Applied Genetics, 2017, 130, 2527-2541.	1.8	52
5	Breeding for postharvest performance in chrysanthemum by selection against storage-induced degreening of disk florets. Postharvest Biology and Technology, 2017, 124, 45-53.	2.9	12
6	The role of carbohydrates in storage induced disk floret degreening in chrysanthemum. Acta Horticulturae, 2016, , 81-86.	0.1	0
7	Stomatal characteristics and desiccation response of leaves of cut chrysanthemum (Chrysanthemum) Tj ETQq1 1 0.784314 rgBT /Overl	1.7	45
8	Genotypic differences in metabolomic changes during storage induced-degreening of chrysanthemum disk florets. Postharvest Biology and Technology, 2016, 115, 48-59.	2.9	13
9	CAN PHENOTYPING FOR WATER BALANCE IMPROVE BREEDING FOR VASE LIFE?. Acta Horticulturae, 2015, , 149-154.	0.1	1
10	PREDICTING ROSE VASE LIFE IN A SUPPLY CHAIN. Acta Horticulturae, 2015, , 283-289.	0.1	4
11	Natural variation in stomatal response to closing stimuli among Arabidopsis thaliana accessions after exposure to low VPD as a tool to recognize the mechanism of disturbed stomatal functioning. Journal of Experimental Botany, 2014, 65, 6529-6542.	2.4	75
12	Stomatal malfunctioning under low <scp>VPD</scp> conditions: induced by alterations in stomatal morphology and leaf anatomy or in the <scp>ABA</scp> signaling?. Physiologia Plantarum, 2014, 152, 688-699.	2.6	73
13	Can prolonged exposure to low VPD disturb the ABA signalling in stomatal guard cells?. Journal of Experimental Botany, 2013, 64, 3551-3566.	2.4	74
14	HOW IMPORTANT ARE BACTERIA FOR THE VASE LIFE OF CUT GERBERA FLOWERS?. Acta Horticulturae, 2013, , 115-120.	0.1	2
15	Differences in N uptake and fruit quality between organically and conventionally grown greenhouse tomatoes. Agronomy for Sustainable Development, 2010, 30, 797-806.	2.2	37
16	Effect of S-carvone on vase life parameters of selected cut flower and foliage species. Postharvest Biology and Technology, 2010, 55, 66-69.	2.9	22
17	EFFECT OF (CHANGES IN) AIR HUMIDITY ON TRANSPIRATION AND (ADAPTATION OF) STOMATAL CLOSURE OF TRADESCANTIA LEAVES DURING WATER STRESS. Acta Horticulturae, 2009, , 115-122.	0.1	4
18	OBSTRUCTION OF WATER UPTAKE IN CUT CHRYSANTHEMUM STEMS AFTER DRY STORAGE: ROLE OF WOUND-INDUCED INCREASE IN ENZYME ACTIVITIES AND AIR EMBOLI. Acta Horticulturae, 2009, , 199-206.	0.1	8

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19	COULD WOUND-INDUCED XYLEM PEROXIDE CONTRIBUTE TO THE POSTHARVEST LOSS OF HYDRAULIC CONDUCTIVITY IN STEMS?. Acta Horticulturae, 2009, , 287-294.	0.1	2
20	COMPARISON OF THE PHYSICAL PROPERTIES OF VERMICOMPOST FROM PAPER MILL SLUDGE AND GREEN COMPOST AS SUBSTITUTES FOR PEAT-BASED POTTING MEDIA. Acta Horticulturae, 2009, , 227-234.	0.1	5
21	CAUSES OF QUALITY LOSS OF CUT FLOWERS - A CRITICAL ANALYSIS OF POSTHARVEST TREATMENTS. Acta Horticulturae, 2009, , 27-36.	0.1	8
22	Dynamics of adaptation of stomatal behaviour to moderate or high relative air humidity in Tradescantia virginiana. Journal of Experimental Botany, 2008, 59, 289-301.	2.4	42
23	WHY DO WE TREAT FLOWERS THE WAY WE DO? A SYSTEM ANALYSIS APPROACH OF THE CUT FLOWER POSTHARVEST CHAIN. Acta Horticulturae, 2007, , 61-74.	0.1	7
24	Inhibition of water uptake after dry storage of cut flowers: Role of aspired air and wound-induced processes in Chrysanthemum. Postharvest Biology and Technology, 2006, 41, 70-77.	2.9	36
25	The role of abscisic acid in disturbed stomatal response characteristics of Tradescantia virginiana during growth at high relative air humidity. Journal of Experimental Botany, 2006, 58, 627-636.	2.4	58
26	Dynamics of spatial heterogeneity of stomatal closure in Tradescantia virginiana altered by growth at high relative air humidity. Journal of Experimental Botany, 2006, 57, 3669-3678.	2.4	42
27	EFFECT OF GROWTH CONDITIONS ON POST HARVEST REHYDRATION ABILITY OF CUT CHRYSANTHEMUM FLOWERS. Acta Horticulturae, 2005, , 287-296.	0.1	15
28	EFFECTS OF WATER STRESS DURING GROWTH ON XYLEM ANATOMY, XYLEM FUNCTIONING AND VASE LIFE IN THREE ZINNIA ELEGANS CULTIVARS. Acta Horticulturae, 2005, , 303-312.	0.1	24
29	Stomatal response characteristics of Tradescantia virginiana grown at high relative air humidity. Physiologia Plantarum, 2005, 125, 324-332.	2.6	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. Acta Horticulturae, 2005, , 57-62.	0.1	4
31	MACRO- AND MICROSCOPIC ASPECTS OF FRUIT WATER RELATIONS INFLUENCING GROWTH AND QUALITY IN TOMATO. Acta Horticulturae, 2005, , 501-506.	0.1	3
32	FOREWORD AND PREFACE. Acta Horticulturae, 2005, , 5-6.	0.1	0
33	Flower opening and closure: a review. Journal of Experimental Botany, 2003, 54, 1801-1812.	2.4	283
34	Distribution of xylem hydraulic resistance in fruiting truss of tomato influenced by water stress. Journal of Experimental Botany, 2003, 54, 317-324.	2.4	45
35	EFFECTS OF LOW O2 ON CUT ROSE FLOWERS AT SUBOPTIMAL TEMPERATURE. Acta Horticulturae, 2003, , 855-861.	0.1	3
36	Embolism repair in cut flower stems: a physical approach. Postharvest Biology and Technology, 2002, 25, 1-14.	2.9	30

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37	Induction of air embolism in xylem conduits of preâ€defined diameter. Journal of Experimental Botany, 2001, 52, 981-991.	2.4	36
38	PHOTOSYNTHATES: MAINLY STORED AND YET LIMITING IN PROPAGATION OF ROSE CUTTINGS. Acta Horticulturae, 2001, , 167-174.	0.1	8
39	QUANTIFICATION OF EMBOLI BY VISUALIZATION OF AIR FILLED XYLEM VESSELS. Acta Horticulturae, 2001, , 245-250.	0.1	3
40	SHOULD WE RECONSIDER THE USE OF DEIONIZED WATER AS CONTROL VASE SOLUTIONS?. Acta Horticulturae, 2001, , 257-264.	0.1	8
41	DOCIS: A MODEL TO SIMULATE CARBOHYDRATE BALANCE AND DEVELOPMENT OF INFLORESCENCE DURING VASE LIFE. Acta Horticulturae, 2001, , 359-365.	0.1	1
42	PROCESSES AND XYLEM ANATOMICAL PROPERTIES INVOLVED IN REHYDRATION DYNAMICS OF CUT FLOWERS. Acta Horticulturae, 2001, , 199-205.	0.1	9
43	Xylem hydraulic conductivity related to conduit dimensions along chrysanthemum stems. Journal of Experimental Botany, 2001, 52, 319-327.	2.4	37
44	Fluid ionic composition influences hydraulic conductance of xylem conduits. Journal of Experimental Botany, 2000, 51, 769-776.	2.4	127
45	AIR IN XYLEM VESSELS OF CUT FLOWERS. Acta Horticulturae, 2000, , 479-486.	0.1	10
46	Effect of time since harvest and handling conditions on rehydration ability of cut chrysanthemum flowers. Postharvest Biology and Technology, 1999, 16, 169-177.	2.9	28
47	Reconsideration of the use of deionized water as vase water in postharvest experiments on cut flowers. Postharvest Biology and Technology, 1999, 17, 175-187.	2.9	24
48	QUALITY MODELS IN HORTICULTURE NEED PRODUCT QUALITY: A RARE BUT CHALLENGING FIELD OF EXPLORATION. Acta Horticulturae, 1998, , 175-188.	0.1	4
49	ASPECTS OF CARBOHYDRATE BALANCE DURING FLORET OPENING IN FREESIA. Acta Horticulturae, 1995, , 117-122.	0.1	7
50	ROLE OF FLOWER BUDS IN FLOWER BUD ABSCISSION IN HIBISCUS. Acta Horticulturae, 1995, , 284-289.	0.1	5
51	Role of air embolism and low water temperature in water balance of cut chrysanthemum flowers. Scientia Horticulturae, 1992, 51, 275-284.	1.7	35
52	TRANSPIRATION AND STOMATAL CONDUCTANCE OF ROSES CV SONIA GROWN WITH SUPPLEMENTAL LIGHTING.. Acta Horticulturae, 1991, , 119-126.	0.1	20
53	ON THE ROLE OF ETHYLENE BIOSYNTHESIS IN FLOWER-BUD ABSCISSION OF LILIUM X 'ENCHANTMENT'. Acta Horticulturae, 1986, , 641-644.	0.1	1
54	POSSIBILITIES TO FORCE MINIATURE GLADIOLUS YEAR ROUND?. Acta Horticulturae, 1986, , 645-650.	0.1	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 Lilium â€˜Enchantmentâ€™; influence of light and ethylene. Scientia Horticulturae, 1983, 18, 287-297.	1.7	20
56	LIGHT-CONTROLLED FLOWER-BUD ABSCISSION OF LILIUM 'ENCHANTMENT' IS NOT MEDIATED BY PHOTOSYNTHESIS. Acta Horticulturae, 1982, , 37-46.	0.1	5
57	Water relations and keeping-quality of cut Gerbera flowers. V. Role of endogenous cytokinins. Scientia Horticulturae, 1980, 12, 273-281.	1.7	9
58	Water relations and keeping-quality of cut Gerbera flowers. VI. Role of pressure potential. Scientia Horticulturae, 1980, 12, 283-292.	1.7	2
59	Water relations and keeping-quality of cut Gerbera flowers. III. Water content, permeability and dry weight of ageing petals. Scientia Horticulturae, 1979, 10, 261-269.	1.7	24
60	Water relations and keeping-quality of cut gerbera flowers. IV. Internal water relations of ageing petal-tissue. Scientia Horticulturae, 1979, 11, 83-93.	1.7	12
61	Water relations and keeping-quality of cut Gerbera flowers. II. Water balance of ageing flowers. Scientia Horticulturae, 1978, 9, 189-197.	1.7	20
62	Water relations and keeping-quality of cut Gerbera flowers. I. The cause of stem break. Scientia Horticulturae, 1978, 8, 65-74.	1.7	66