Margrethe Serek

List of Publications by Year
in descending order

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44 papers	1,959 citations	279798 23 h-index	265206 42 g-index
44 all docs	44 docs citations	44 times ranked	873 citing authors

#	Article	IF	Citations
1	Application of 1-MCP as a liquid formulation prevents ethylene-induced senescence in Phalaenopsis orchid flowers and KalanchoÃ« blossfeldiana inflorescences. Journal of Horticultural Science and Biotechnology, 2019, 94, 499-506.	1.9	4
2	Expression analysis by RT-PCR of genes involved in ethylene synthesis and signal transduction in miniature roses. Scientia Horticulturae, 2017, 216, 22-28.	3.6	6
3	Characterization of Transgenic KalanchoÃ« and Petunia with Organ-Specific Expression of GUS or GA 2 ox Genes Led by the Deletion BOX-I Version (dBI) of the PAL1 Promoter. Journal of Plant Growth Regulation, 2017, 36, 424-435.	5.1	5
4	Flowering conditions affect flower longevity in Syringa vulgaris and cause changes in protein content, protease activity and expression of a KDEL-CysEP gene. Acta Physiologiae Plantarum, 2016, 38, 1.	2.1	4
5	Manipulation of <scp>MKS</scp>1 gene expression affects KalanchoÃ« blossfeldiana and Petunia hybrida phenotypes. Plant Biotechnology Journal, 2015, 13, 51-61.	8.3	28
6	Ethanol treatment induces compact growth in KalanchoÃ«. Scientia Horticulturae, 2014, 168, 234-239.	3.6	9
7	Transformation of miniature potted rose (Rosa hybrida cv. Linda) with P SAG12 -ipt gene delays leaf senescence and enhances resistance to exogenous ethylene. Plant Cell Reports, 2013, 32, 195-205.	5.6	44
8	Use of a non-volatile 1-MCP formulation, N,N-dipropyl(1-cyclopropenylmethyl)amine, for improvement of postharvest quality of ornamental crops. Postharvest Biology and Technology, 2010, 56, 117-122.	6.0	24
9	The effect of dialkylamine compounds and related derivatives of 1-methylcyclopropene in counteracting ethylene responses in banana fruit. Postharvest Biology and Technology, 2009, 51, 43-48.	6.0	26
10	Characterization of ethylene-induced organ abscission in F1 breeding lines of miniature roses (Rosa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	6.0	24
11	Agrobacterium tumefaciens-mediated transformation of Oncidium and Odontoglossum orchid species with the ethylene receptor mutant gene etr1-1. Plant Cell, Tissue and Organ Culture, 2009, 98, 125-134.	2.3	30
12	Kalanchoe blossfeldiana plants expressing the Arabidopsis etr1-1 allele show reduced ethylene sensitivity. Plant Cell Reports, 2008, 27, 729-737.	5.6	48
13	Transformation of Kalanchoe blossfeldiana with rol-genes is useful in molecular breeding towards compact growth. Plant Cell Reports, 2008, 27, 1485-1495.	5.6	94
14	Isolation of an Ethylene-induced Putative Nucleotide Laccase in Miniature Roses (Rosa hybrida L.). Journal of Plant Growth Regulation, 2008, 27, 320-330.	5.1	22
15	Transgenic Campanula carpatica plants with reduced ethylene sensitivity. Plant Cell Reports, 2007, 26, 805-813.	5.6	62
16	Proteomic analyses of somatic and zygotic embryos of Cyclamen persicum Mill. reveal new insights into seed and germination physiology. Planta, 2006, 224, 508-519.	3.2	86
17	Interaction of Ethylene and Other Compounds with the Ethylene Receptor: Agonists and Antagonists. , 2006, , 1-34.		13
18	Genotypic differences in callus formation and regeneration of somatic embryos in Cyclamen persicum Mill. Euphytica, 2005, 144, 109-117.	1.2	23

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19	Efficacy of New Inhibitors of Ethylene Perception in Improvement of Display Quality of Miniature Potted Roses (Rosa hybrida L.). Plant Growth Regulation, 2005, 47, 29-38.	3.4	16
20	Reduced water availability improves drought tolerance of potted miniature roses: Is the ethylene pathway involved?. Journal of Horticultural Science and Biotechnology, 2004, 79, 1-13.	1.9	12
21	Germination of Encapsulated Somatic Embryos of Cyclamen persicum. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 1093-1097.	1.0	18
22	1-substituted cyclopropenes: Effective Blocking Agents for Ethylene Action in Plants. Plant Growth Regulation, 2003, 40, 223-228.	3.4	67
23	Efficacy of new inhibitors of ethylene perception in improvement of display life of kalanchoÃ« (KalanchoÃ« blossfeldiana Poelln.) flowers. Postharvest Biology and Technology, 2003, 30, 169-176.	6.0	23
24	Effect of 1-octylcyclopropene and 1-methylcyclopropene on vase life of sweet pea (Lathyrus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	1.9	15
25	Regeneration of various species ofCrassulaceae, with special reference toKalanchoÃ«. Journal of Horticultural Science and Biotechnology, 2002, 77, 204-208.	1.9	12
26	Carbon balance and ethylene in the postharvest life of flowering hibiscus. Postharvest Biology and Technology, 2002, 25, 227-233.	6.0	29
27	The effect of chemical structure on the antagonism by cyclopropenes of ethylene responses in banana. Plant Growth Regulation, 2001, 33, 107-110.	3.4	28
28	Efficacy of inhibitors of ethylene binding in improvement of the postharvest characteristics of potted flowering plants. Postharvest Biology and Technology, 2001, 23, 161-166.	6.0	50
29	Ethylene and postharvest performance of potted kalanchoÃ«. Postharvest Biology and Technology, 2000, 18, 43-48.	6.0	47
30	Stress induced ethylene production, ethylene binding, and the response to the ethylene action inhibitor 1-MCP in miniature roses. Scientia Horticulturae, 2000, 83, 51-59.	3.6	45
31	Inhibition of ethylene responses by 1-Methylcyclopropene and 3-Methylcyclopropene. Plant Growth Regulation, 1999, 27, 105-111.	3.4	67
32	Differences in display life of miniature potted roses (Rosa hybrida L.). Scientia Horticulturae, 1998, 76, 59-71.	3.6	69
33	Poststorage quality and rooting ability ofEpipremnum pinnatumcuttings after treatment with ethylene action inhibitors. The Journal of Horticultural Science, 1997, 72, 445-452.	0.3	14
34	Influence of late fertilization in the field on forcing and quality of potted Campanula carpatica. Scientia Horticulturae, 1997, 71, 235-242.	3.6	3
35	Comparison of cyclopropene, 1-methylcyclopropene, and 3,3-dimethylcyclopropene as ethylene antagonists in plants. Plant Growth Regulation, 1996, 18, 169-174.	3.4	140
36	Effect of 1-methylcyclopropene and methylenecyclopropane on ethylene binding and ethylene action on cut carnations. Plant Growth Regulation, 1996, 18, 79-86.	3.4	192

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37	Effect of 1-methylcyclopropene and methylenecyclopropane on ethylene binding and ethylene action on cut carnations. , 1996, , 127-134.		47
38	Effects of 1-MCP on the vase life and ethylene response of cut flowers. Plant Growth Regulation, 1995, 16, 93-97.	3.4	178
39	1-Methylcyclopropene inhibits ethylene action in cut phlox flowers. Postharvest Biology and Technology, 1995, 6, 313-319.	6.0	56
40	1-Methylcyclopropene Prevents Bud, Flower, and Leaf Abscission of Geraldton Waxflower. Hortscience: A Publication of the American Society for Hortcultural Science, 1995, 30, 1310.	1.0	25
41	A Volatile Ethylene Inhibitor Improves the Postharvest Life of Potted Roses. Journal of the American Society for Horticultural Science, 1994, 119, 572-577.	1.0	39
42	Novel Gaseous Ethylene Binding Inhibitor Prevents Ethylene Effects in Potted Flowering Plants. Journal of the American Society for Horticultural Science, 1994, 119, 1230-1233.	1.0	173
43	AOA and BA Influence on Floral Development and Longevity of Potted `Victory Parade' Miniature Rose. Hortscience: A Publication of the American Society for Hortcultural Science, 1993, 28, 1039-1040.	1.0	20
44	Anti-ethylene Treatments for Potted Christmas Cactus-Efficacy of Inhibitors of Ethylene Action and Biosynthesis. Hortscience: A Publication of the American Society for Hortcultural Science, 1993, 28, 1180-1181.	1.0	22