

# Margrethe Serek

## List of Publications by Year in descending order

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44  
papers

1,959  
citations

279701

23  
h-index

265120

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 <i>Phalaenopsis</i> orchid flowers and <i>Kalanchoe blossfeldiana</i> inflorescences. <i>Journal of Horticultural Science and Biotechnology</i> , 2019, 94, 499-506.	0.9	4
2	Expression analysis by RT-PCR of genes involved in ethylene synthesis and signal transduction in miniature roses. <i>Scientia Horticulturae</i> , 2017, 216, 22-28.	1.7	6
3	Characterization of Transgenic <i>Kalanchoe</i> and <i>Petunia</i> with Organ-Specific Expression of GUS or GA 2 ox Genes Led by the Deletion BOX-1 Version (dBI) of the PAL1 Promoter. <i>Journal of Plant Growth Regulation</i> , 2017, 36, 424-435.	2.8	5
4	Flowering conditions affect flower longevity in <i>Syringa vulgaris</i> and cause changes in protein content, protease activity and expression of a KDEL-CysEP gene. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	1.0	4
5	Manipulation of <i>MKS1</i> gene expression affects <i>Kalanchoe blossfeldiana</i> and <i>Petunia hybrida</i> phenotypes. <i>Plant Biotechnology Journal</i> , 2015, 13, 51-61.	4.1	28
6	Ethanol treatment induces compact growth in <i>Kalanchoe</i> . <i>Scientia Horticulturae</i> , 2014, 168, 234-239.	1.7	9
7	Transformation of miniature potted rose ( <i>Rosa hybrida</i> cv. Linda) with P SAG12 -ipt gene delays leaf senescence and enhances resistance to exogenous ethylene. <i>Plant Cell Reports</i> , 2013, 32, 195-205.	2.8	44
8	Use of a non-volatile 1-MCP formulation, N,N-dipropyl(1-cyclopropenylmethyl)amine, for improvement of postharvest quality of ornamental crops. <i>Postharvest Biology and Technology</i> , 2010, 56, 117-122.	2.9	24
9	The effect of dialkylamine compounds and related derivatives of 1-methylcyclopropene in counteracting ethylene responses in banana fruit. <i>Postharvest Biology and Technology</i> , 2009, 51, 43-48.	2.9	26
10	Characterization of ethylene-induced organ abscission in F1 breeding lines of miniature roses ( <i>Rosa</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.9	24
11	<i>Agrobacterium tumefaciens</i> -mediated transformation of <i>Oncidium</i> and <i>Odontoglossum</i> orchid species with the ethylene receptor mutant gene <i>etr1-1</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2009, 98, 125-134.	1.2	30
12	<i>Kalanchoe blossfeldiana</i> plants expressing the <i>Arabidopsis etr1-1</i> allele show reduced ethylene sensitivity. <i>Plant Cell Reports</i> , 2008, 27, 729-737.	2.8	48
13	Transformation of <i>Kalanchoe blossfeldiana</i> with <i>rol</i> -genes is useful in molecular breeding towards compact growth. <i>Plant Cell Reports</i> , 2008, 27, 1485-1495.	2.8	94
14	Isolation of an Ethylene-induced Putative Nucleotide Laccase in Miniature Roses ( <i>Rosa hybrida</i> L.). <i>Journal of Plant Growth Regulation</i> , 2008, 27, 320-330.	2.8	22
15	Transgenic <i>Campanula carpatica</i> plants with reduced ethylene sensitivity. <i>Plant Cell Reports</i> , 2007, 26, 805-813.	2.8	62
16	Proteomic analyses of somatic and zygotic embryos of <i>Cyclamen persicum</i> Mill. reveal new insights into seed and germination physiology. <i>Planta</i> , 2006, 224, 508-519.	1.6	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 <i>Cyclamen persicum</i> Mill. <i>Euphytica</i> , 2005, 144, 109-117.	0.6	23

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19	Efficacy of New Inhibitors of Ethylene Perception in Improvement of Display Quality of Miniature Potted Roses ( <i>Rosa hybrida</i> L.). <i>Plant Growth Regulation</i> , 2005, 47, 29-38.	1.8	16
20	Reduced water availability improves drought tolerance of potted miniature roses: Is the ethylene pathway involved?. <i>Journal of Horticultural Science and Biotechnology</i> , 2004, 79, 1-13.	0.9	12
21	Germination of Encapsulated Somatic Embryos of <i>Cyclamen persicum</i> . <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 1093-1097.	0.5	18
22	1-substituted cyclopropenes: Effective Blocking Agents for Ethylene Action in Plants. <i>Plant Growth Regulation</i> , 2003, 40, 223-228.	1.8	67
23	Efficacy of new inhibitors of ethylene perception in improvement of display life of <i>Kalanchoë blossfeldiana</i> Poelln. flowers. <i>Postharvest Biology and Technology</i> , 2003, 30, 169-176.	2.9	23
24	Effect of 1-octylcyclopropene and 1-methylcyclopropene on vase life of sweet pea ( <i>Lathyrus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	0.9	15
25	Regeneration of various species of <i>Crassulaceae</i> , with special reference to <i>Kalanchoë</i> . <i>Journal of Horticultural Science and Biotechnology</i> , 2002, 77, 204-208.	0.9	12
26	Carbon balance and ethylene in the postharvest life of flowering hibiscus. <i>Postharvest Biology and Technology</i> , 2002, 25, 227-233.	2.9	29
27	The effect of chemical structure on the antagonism by cyclopropenes of ethylene responses in banana. <i>Plant Growth Regulation</i> , 2001, 33, 107-110.	1.8	28
28	Efficacy of inhibitors of ethylene binding in improvement of the postharvest characteristics of potted flowering plants. <i>Postharvest Biology and Technology</i> , 2001, 23, 161-166.	2.9	50
29	Ethylene and postharvest performance of potted <i>Kalanchoë</i> . <i>Postharvest Biology and Technology</i> , 2000, 18, 43-48.	2.9	47
30	Stress induced ethylene production, ethylene binding, and the response to the ethylene action inhibitor 1-MCP in miniature roses. <i>Scientia Horticulturae</i> , 2000, 83, 51-59.	1.7	45
31	Inhibition of ethylene responses by 1-Methylcyclopropene and 3-Methylcyclopropene. <i>Plant Growth Regulation</i> , 1999, 27, 105-111.	1.8	67
32	Differences in display life of miniature potted roses ( <i>Rosa hybrida</i> L.). <i>Scientia Horticulturae</i> , 1998, 76, 59-71.	1.7	69
33	Poststorage quality and rooting ability of <i>Epipremnum pinnatum</i> cuttings after treatment with ethylene action inhibitors. <i>The Journal of Horticultural Science</i> , 1997, 72, 445-452.	0.3	14
34	Influence of late fertilization in the field on forcing and quality of potted <i>Campanula carpatica</i> . <i>Scientia Horticulturae</i> , 1997, 71, 235-242.	1.7	3
35	Comparison of cyclopropene, 1-methylcyclopropene, and 3,3-dimethylcyclopropene as ethylene antagonists in plants. <i>Plant Growth Regulation</i> , 1996, 18, 169-174.	1.8	140
36	Effect of 1-methylcyclopropene and methylenecyclopropane on ethylene binding and ethylene action on cut carnations. <i>Plant Growth Regulation</i> , 1996, 18, 79-86.	1.8	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.	1.8	178
39	1-Methylcyclopropene inhibits ethylene action in cut phlox flowers. Postharvest Biology and Technology, 1995, 6, 313-319.	2.9	56
40	1-Methylcyclopropene Prevents Bud, Flower, and Leaf Abscission of Geraldton Waxflower. Hortscience: A Publication of the American Society for Horticultural Science, 1995, 30, 1310.	0.5	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.	0.5	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.	0.5	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 Horticultural Science, 1993, 28, 1039-1040.	0.5	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 Horticultural Science, 1993, 28, 1180-1181.	0.5	22