

# Ki Sun Kim

## List of Publications by Year in descending order

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37  
papers

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#	ARTICLE	IF	CITATIONS
1	Night interruption promotes vegetative growth and flowering of Cymbidium. <i>Scientia Horticulturae</i> , 2011, 130, 887-893.	3.6	43
2	Photosynthetic Daily Light Integral Influences Flowering Time and Crop Characteristics of <i>Cyclamen persicum</i> . <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009, 44, 341-344.	1.0	43
3	De Novo Transcriptome Analysis to Identify Anthocyanin Biosynthesis Genes Responsible for Tissue-Specific Pigmentation in Zoysiagrass ( <i>Zoysia japonica</i> Steud.). <i>PLoS ONE</i> , 2015, 10, e0124497.	2.5	27
4	Non-deep simple morphophysiological dormancy in seeds of <i>Thalictrum rochebrunianum</i> , an endemic perennial herb in the Korean Peninsula. <i>Horticulture Environment and Biotechnology</i> , 2015, 56, 366-375.	2.1	26
5	Chilling requirement for breaking dormancy and flowering in <i>Paeonia lactiflora</i> ‘Taebaek’ and ‘Mulsurae’. <i>Horticulture Environment and Biotechnology</i> , 2012, 53, 277-282.	2.1	19
6	Flowering of cyclamen is accelerated by an increase in temperature, photoperiod, and daily light integral. <i>Journal of Horticultural Science and Biotechnology</i> , 2008, 83, 559-562.	1.9	18
7	Vegetative growth and flowering of <i>Dianthus</i> , <i>Zinnia</i> , and <i>Pelargonium</i> as affected by night interruption at different timings. <i>Horticulture Environment and Biotechnology</i> , 2013, 54, 236-242.	2.1	18
8	Carbohydrate changes in <i>Cymbidium</i> ‘Red Fire’ in response to night interruption. <i>Scientia Horticulturae</i> , 2013, 162, 82-89.	3.6	17
9	Influence of photoperiod on growth and flowering of dwarf purple loosestrife. <i>Horticulture Environment and Biotechnology</i> , 2011, 52, 1-5.	2.1	16
10	Dormancy release and flowering of <i>Paeonia lactiflora</i> ‘Taebaek’ by natural cumulative chilling and GA3 treatment. <i>Horticulture Environment and Biotechnology</i> , 2012, 53, 263-270.	2.1	13
11	Photosynthetic changes in <i>Cymbidium</i> orchids grown under different intensities of night interruption lighting. <i>Scientia Horticulturae</i> , 2015, 186, 124-128.	3.6	13
12	Growth characteristics and flowering initiation of <i>Phalaenopsis</i> Queen Beer ‘Mantefon’ as affected by the daily light integral. <i>Horticulture Environment and Biotechnology</i> , 2019, 60, 637-645.	2.1	13
13	Dormancy breaking and germination requirements of seeds of <i>Thalictrum uchiyamae</i> (Ranunculaceae) with underdeveloped embryos. <i>Scientia Horticulturae</i> , 2018, 231, 82-88.	3.6	12
14	Shoot elongation and gibberellin contents in <i>Cyclamen persicum</i> are influenced by temperature and light intensity. <i>Horticulture Environment and Biotechnology</i> , 2015, 56, 762-768.	2.1	11
15	Chilling requirement for dormancy release of variegated Solomon’s seal. <i>Horticulture Environment and Biotechnology</i> , 2011, 52, 553-558.	2.1	10
16	Flower initiation and development in <i>Cymbidium</i> by night interruption with potassium and nitrogen. <i>Horticulture Environment and Biotechnology</i> , 2012, 53, 204-211.	2.1	10
17	Light intensity and temperature regulate petiole elongation by controlling the content of and sensitivity to gibberellin in <i>Cyclamen persicum</i> . <i>Horticulture Environment and Biotechnology</i> , 2014, 55, 175-182.	2.1	10
18	Pre-chilling promotes flowering in <i>Paeonia lactiflora</i> ‘Taebaek’ without flower bud abortion. <i>Horticulture Environment and Biotechnology</i> , 2015, 56, 1-8.	2.1	10

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19	Inhibition of premature flowering by intermittent high temperature treatment to young Phalaenopsis plants. Horticulture Environment and Biotechnology, 2015, 56, 618-625.	2.1	9
20	Efficient Water Management for Cymbidium Grown in Coir Dust Using a Soil Moisture Sensor-Based Automated Irrigation System. Agronomy, 2021, 11, 41.	3.0	9
21	Temperature and long-day lighting strategy affect flowering time and crop characteristics in Cyclamen persicum. Horticulture Environment and Biotechnology, 2013, 54, 484-491.	2.1	8
22	Optimum heating hour to maintain vegetative growth and inhibit premature inflorescence initiation of six-month and one-year-old Phalaenopsis hybrids. Horticulture Environment and Biotechnology, 2013, 54, 91-96.	2.1	7
23	Breaking bud dormancy in Erythronium japonicum Decne. (Liliaceae) by natural and artificial chilling. Horticulture Environment and Biotechnology, 2014, 55, 380-386.	2.1	7
24	Growth and Flowering of <i>Doritaenopsis</i> Queen Beer â€™Mantefonâ€™™ as Affected by Different Potting Substrates. Horticulture Journal, 2016, 85, 360-365.	0.8	6
25	Inhibition of inflorescence initiation in immature Doritaenopsis Queen Beer â€™Mantefonâ€™™ by photoperiod and temperature. Horticulture Environment and Biotechnology, 2013, 54, 223-227.	2.1	5
26	Changes of Growth and Inflorescence Initiation by Exogenous Gibberellic Acid <sup>3</sup> and 6-Benzylaminopurine Application in Phalaenopsis Orchids. Agronomy, 2021, 11, 196.	3.0	5
27	Soil moisture sensor-based automated irrigation of Cymbidium under various substrate conditions. Scientia Horticulturae, 2021, 286, 110133.	3.6	5
28	Growth and CO <sub>2</sub> exchange in young Phalaenopsis orchids grown under different levels of humidity during the vegetative period. Horticulture Environment and Biotechnology, 2018, 59, 37-43.	2.1	4
29	Growth and flowering responses of Lysimachia mauritiana Lam. to cold treatment and photoperiod. Scientia Horticulturae, 2020, 270, 109429.	3.6	4
30	Increasing duration and intensity of nighttime supplemental lighting promotes growth and photosynthesis in young Cymbidium plants. Horticulture Environment and Biotechnology, 2021, 62, 679-690.	2.1	4
31	Photosynthetic characteristics of Cymbidium â€™Red Fireâ€™™ and â€™Yokihîâ€™™ at different developmental stages. Horticulture Environment and Biotechnology, 2013, 54, 9-13.	2.1	3
32	Night interruption improves subsequent cut flower quality in Cymbidium â€™Red Fireâ€™™. Horticulture Environment and Biotechnology, 2015, 56, 455-461.	2.1	3
33	Korean native Veronica rotunda and Veronica longifolia are day-neutral plants with no vernalization requirements. Horticulture Environment and Biotechnology, 2021, 62, 859-869.	2.1	2
34	Flowering of Adonis amurensis by breaking dormancy using gibberellins and cytokinins. Horticulture Environment and Biotechnology, 2011, 52, 246-251.	2.1	1
35	Intermittent high temperature reduces leaf sugar content and inhibits inflorescence initiation in Phalaenopsis hybrid. Environmental and Experimental Botany, 2021, 189, 104562.	4.2	1
36	Flowering responses of Eremogone juncea (M. Bieb.) fenzl to photoperiod, chilling treatment, and cold storage. Horticulture Environment and Biotechnology, 2022, 63, 173-180.	2.1	1

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37	Daily light integral affects photosynthesis, growth, and flowering of Korean native <i>Veronica rotunda</i> and <i>V. longifolia</i> . <i>Horticulture Environment and Biotechnology</i> , 2022, 63, 13-22.	2.1	1