

Seok Hyun Eom

List of Publications by Year in descending order

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34
papers

679
citations

687363

13
h-index

580821

25
g-index

35
all docs

35
docs citations

35
times ranked

849
citing authors

#	ARTICLE	IF	CITATIONS
1	Pigmentation and Flavonoid Metabolite Diversity in Immature ‘Fuji’ Apple Fruits in Response to Lights and Methyl Jasmonate. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1722.	4.1	13
2	The Different Contributors to Antioxidant Activity in Thermally Dried Flesh and Peel of Astringent Persimmon Fruit. <i>Antioxidants</i> , 2022, 11, 597.	5.1	9
3	Volatile and Non-Volatile Allelopathic Characteristics in Thermally Processed Needles of Two Conifers. <i>Plants</i> , 2022, 11, 1003.	3.5	3
4	Improving the Antioxidant Activity and Flavor of Faba (<i>Vicia faba</i> L.) Leaves by Domestic Cooking Methods. <i>Antioxidants</i> , 2022, 11, 931.	5.1	5
5	Effects of UV-A radiation on organ-specific accumulation and gene expression of isoflavones and flavonols in soybean sprout. <i>Food Chemistry</i> , 2021, 339, 128080.	8.2	17
6	Antioxidant Contributors in Seed, Seed Coat, and Cotyledon of γ -ray-Induced Soybean Mutant Lines with Different Seed Coat Colors. <i>Antioxidants</i> , 2021, 10, 353.	5.1	13
7	L-3,4-dihydroxyphenylalanine Accumulation in Faba Bean (<i>Vicia faba</i> L.) Tissues during Different Growth Stages. <i>Agronomy</i> , 2021, 11, 502.	3.0	12
8	Key Genes in the Melatonin Biosynthesis Pathway with Circadian Rhythm Are Associated with Various Abiotic Stresses. <i>Plants</i> , 2021, 10, 129.	3.5	35
9	Isoflavone Changes in Immature and Mature Soybeans by Thermal Processing. <i>Molecules</i> , 2021, 26, 7471.	3.8	8
10	Deglycosylation patterns of isoflavones in soybean extracts inoculated with two enzymatically different strains of lactobacillus species. <i>Enzyme and Microbial Technology</i> , 2020, 132, 109394.	3.2	13
11	Isoflavone accumulation and the metabolic gene expression in response to persistent UV-B irradiation in soybean sprouts. <i>Food Chemistry</i> , 2020, 303, 125376.	8.2	29
12	Volatile content variation in the petals of cut roses during vase life. <i>Scientia Horticulturae</i> , 2020, 261, 108960.	3.6	9
13	Antioxidant and phytoestrogenic activities of puffed black soybeans (<i>Glycine max</i>). <i>LWT - Food Science and Technology</i> , 2020, 118, 108780.	5.2	10
14	Blue light and NAA treatment significantly improve rooting on single leaf-bud cutting of <i>Chrysanthemum</i> via upregulated rooting-related genes. <i>Scientia Horticulturae</i> , 2020, 274, 109650.	3.6	20
15	Leaf transcriptome data of two tropical medicinal plants: <i>Sterculia lanceolata</i> and <i>Clausena excavata</i> . <i>Data in Brief</i> , 2019, 25, 104297.	1.0	1
16	Selection of mutants with high linolenic acid contents and characterization of fatty acid desaturase 2 and 3 genes during seed development in soybean (<i>Glycine max</i>). <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 5384-5391.	3.5	7
17	Transcriptome analysis and development of SSR markers of ethnobotanical plant <i>Sterculia lanceolata</i> . <i>Tree Genetics and Genomes</i> , 2019, 15, 1.	1.6	5
18	Utility of TRAP markers to determine indel mutation frequencies induced by gamma-ray irradiation of faba bean (<i>Vicia faba</i> L.) seeds. <i>International Journal of Radiation Biology</i> , 2019, 95, 1160-1171.	1.8	4

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19	Kiwifruit cultivar "Halla gold"™ functional component changes during preharvest fruit maturation and postharvest storage. <i>Scientia Horticulturae</i> , 2018, 234, 134-139.	3.6	13
20	Flavonoid accumulation in common buckwheat (<i>Fagopyrum esculentum</i>) sprout tissues in response to light. <i>Horticulture Environment and Biotechnology</i> , 2018, 59, 19-27.	2.1	30
21	Effects of light sources on major flavonoids and antioxidant activity in common buckwheat sprouts. <i>Food Science and Biotechnology</i> , 2018, 27, 169-176.	2.6	66
22	Integrative analysis of pectin methylesterase (PME) and PME inhibitors in tomato (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 T Physiology and Biochemistry, 2018, 132, 557-565.	5.8	26
23	Kudzu Leaf Extract Suppresses the Production of Inducible Nitric Oxide Synthase, Cyclooxygenase-2, Tumor Necrosis Factor-Alpha, and Interleukin-6 via Inhibition of JNK, TBK1 and STAT1 in Inflammatory Macrophages. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1536.	4.1	13
24	Comparison of Anti-Inflammatory Effects of Flavonoid-Rich Common and Tartary Buckwheat Sprout Extracts in Lipopolysaccharide-Stimulated RAW 264.7 and Peritoneal Macrophages. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	4.0	39
25	Nitric Oxide Inhibition and Procollagen Type I Peptide Synthesis Activities of a Phenolic Amide Identified from the Stem of <i>Lycium chinense</i> Miller. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 1386-1391.	2.1	3
26	Linarin down-regulates phagocytosis, pro-inflammatory cytokine production, and activation marker expression in RAW264.7 macrophages. <i>Food Science and Biotechnology</i> , 2016, 25, 1437-1442.	2.6	28
27	Overexpression of <i>PtrMYB119</i> , a R2R3-MYB transcription factor from <i>Populus trichocarpa</i> , promotes anthocyanin production in hybrid poplar. <i>Tree Physiology</i> , 2016, 36, 1162-1176.	3.1	71
28	Flavonoid analysis of buckwheat sprouts. <i>Food Chemistry</i> , 2015, 170, 97-101.	8.2	76
29	Physiological components of kiwifruits with in vitro antioxidant and acetylcholinesterase inhibitory activities. <i>Food Science and Biotechnology</i> , 2014, 23, 943-949.	2.6	37
30	8-hydroxyarctigenin isolated from safflower sprouts inhibits melanogenesis of melan-a cells and light quality during the sprout growth determines the compound yield. <i>Horticulture Environment and Biotechnology</i> , 2014, 55, 97-102.	2.1	1
31	Effects of different light types on root formation of <i>Ocimum basilicum</i> L. cuttings. <i>Scientia Horticulturae</i> , 2013, 164, 552-555.	3.6	33
32	EFFECTS OF SOIL SALINITY IN THE GROWTH OF <i>AMBROSIA ARTEMISIIFOLIABIOTYPES</i> COLLECTED FROM ROADSIDE AND AGRICULTURAL FIELD. <i>Journal of Plant Nutrition</i> , 2013, 36, 2191-2204.	1.9	8
33	Anti-diabetic and hypolipidemic effects of purple-fleshed potato in streptozotocin-induced diabetic rats. <i>Food Science and Biotechnology</i> , 2013, 22, 1-6.	2.6	7
34	Effect of far infrared drying on antioxidant property, anti-inflammatory activity, and inhibitory activity in A549 cells of Gamguk (<i>Chrysanthemum indicum</i> L.) flower. <i>Food Science and Biotechnology</i> , 2012, 21, 261-265.	2.6	13