

Seok Hyun Eom

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1812111/publications.pdf>

Version: 2024-02-01

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	Flavonoid analysis of buckwheat sprouts. <i>Food Chemistry</i> , 2015, 170, 97-101.	8.2	76
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	Integrative analysis of pectin methylesterase (PME) and PME inhibitors in tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj Physiology and Biochemistry, 2018, 132, 557-565.	5.8	26
12	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
13	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
14	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
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Volatile content variation in the petals of cut roses during vase life. <i>Scientia Horticulturae</i> , 2020, 261, 108960.	3.6	9
23	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
24	EFFECTS OF SOIL SALINITY IN THE GROWTH OF AMBROSIA ARTEMISIIFOLIABIOTYPES COLLECTED FROM ROADSIDE AND AGRICULTURAL FIELD. <i>Journal of Plant Nutrition</i> , 2013, 36, 2191-2204.	1.9	8
25	Isoflavone Changes in Immature and Mature Soybeans by Thermal Processing. <i>Molecules</i> , 2021, 26, 7471.	3.8	8
26	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
27	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
28	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
29	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
30	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
31	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
32	Volatile and Non-Volatile Allelopathic Characteristics in Thermally Processed Needles of Two Conifers. <i>Plants</i> , 2022, 11, 1003.	3.5	3
33	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
34	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