

Kyung-Hwan Boo

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

105
citations

1478505

6
h-index

1474206

9
g-index

16
all docs

16
docs citations

16
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a virus-induced gene silencing (VIGS) system for <i>Spinacia oleracea</i> L. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2017, 53, 97-103.	2.1	14
2	HYL1-CLEAVAGE SUBTILASE 1 (HCS1) suppresses miRNA biogenesis in response to light-to-dark transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	13
3	Toxicity of dietary selenomethionine in juvenile steelhead trout, <i>Oncorhynchus mykiss</i> : tissue burden, growth performance, body composition, hematological parameters, and liver histopathology. <i>Chemosphere</i> , 2019, 226, 755-765.	8.2	12
4	Effects of Cooking and Processing Methods on Phenolic Contents and Antioxidant and Anti-Proliferative Activities of Broccoli Florets. <i>Antioxidants</i> , 2021, 10, 641.	5.1	12
5	Fluctuation of 20-hydroxyecdysone in individual organs of <i>Achyranthes japonica</i> during reproductive growth stage and its accumulation into seed. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2013, 56, 335-338.	0.9	7
6	<i>In vitro</i> plant regeneration of <i>Aster scaber</i> via somatic embryogenesis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 725-731.	1.3	6
7	Biosynthesis and accumulation of 20-hydroxyecdysone in individual male and female spinach plants during the reproductive stage. <i>Plant Physiology and Biochemistry</i> , 2018, 129, 394-399.	5.8	6
8	Inhibitory Effects of <i>Bidens pilosa</i> Plant Extracts on the Growth of the Bloom-Forming Alga <i>Microcystis aeruginosa</i> . <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	6
9	HIGLE is a bifunctional homing endonuclease that directly interacts with HYL1 and SERRATE in <i>Arabidopsis thaliana</i> . <i>FEBS Letters</i> , 2017, 591, 1383-1393.	2.8	5
10	Optimization of <i>Agrobacterium</i> -mediated transient expression of heterologous genes in spinach. <i>Plant Biotechnology Reports</i> , 2017, 11, 397-405.	1.5	5
11	Construction and profiling of a cDNA library from young fruit of satsuma mandarin. <i>Journal of Plant Biology</i> , 2007, 50, 403-409.	2.1	4
12	<i>Drynaria bonii</i> spore culture: optimization of culture conditions and analysis of gametophyte and sporophyte development. <i>Plant Biotechnology Reports</i> , 2020, 14, 575-584.	1.5	4
13	Repellency of Veratraldehyde (3,4-Dimethoxy Benzaldehyde) against Mosquito Females and Tick Nymphs. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4861.	2.5	4
14	Changes in Physicochemical Properties and Biological Activities of Kohlrabi (<i>Brassica oleracea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 <i>Science and Nutrition</i> , 2021, 50, 699-706.	0.9	3
15	Comparative transcriptome analysis of spinach in response to insect herbivory. <i>Plant Biotechnology Reports</i> , 2022, 16, 43-55.	1.5	3
16	Analysis of Mint Essential Oils from Jeju Island, Korea by Gas Chromatography-mass Spectrometry and Headspace-Gas Chromatography-mass Spectrometry. <i>Journal of Applied Biological Chemistry</i> , 2015, 58, 175-181.	0.4	1