

Joohyun Lee

List of Publications by Year in descending order

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53
papers

1,606
citations

346980

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39
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all docs

53
docs citations

53
times ranked

2445
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-omics analysis reveals the genetic basis of rice fragrance mediated by betaine aldehyde dehydrogenase 2. <i>Journal of Advanced Research</i> , 2022, 42, 303-314.	4.4	10
2	Genome-Wide Association Study of Blast Resistant in Korean Rice (<i>Oryza sativa</i> L.) Breed Lines. <i>Plant Breeding and Biotechnology</i> , 2022, 10, 139-144.	0.3	1
3	Genome-Wide Association Study Reveals the Genetic Basis of Cold Tolerance in Rice at the Seedling Stage. <i>Agriculture (Switzerland)</i> , 2021, 11, 318.	1.4	4
4	Genome-Wide Association Study for Detecting Salt-Tolerance Loci and Candidate Genes in Rice. <i>Agriculture (Switzerland)</i> , 2021, 11, 1174.	1.4	3
5	The freeze-drying does not influence the proteomic profiles of human milk. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 2069-2074.	0.7	6
6	Increasing Coverage of Proteome Identification of the Fruiting Body of <i>Agaricus bisporus</i> by Shotgun Proteomics. <i>Foods</i> , 2020, 9, 632.	1.9	3
7	Study of Quantitative Trait Loci (QTLs) Associated with Allelopathic Trait in Rice. <i>Genes</i> , 2020, 11, 470.	1.0	10
8	Analysis of complete chloroplast genome sequence of Korean landrace <i>Cymbidium goeringii</i> . <i>3 Biotech</i> , 2020, 10, 29.	1.1	2
9	Monitoring rice anther proteome expression patterns during pollen development. <i>Plant Biotechnology Reports</i> , 2020, 14, 293-300.	0.9	1
10	A New SNP in Rice Gene Encoding Pyruvate Phosphate Dikinase (PPDK) Associated with Floury Endosperm. <i>Genes</i> , 2020, 11, 465.	1.0	10
11	Genome-wide association study reveals candidate genes related to low temperature tolerance in rice (<i>Oryza sativa</i>) during germination. <i>3 Biotech</i> , 2018, 8, 235.	1.1	15
12	Next-generation sequencing yields the complete chloroplast genome of <i>C. goeringii</i> acc. smg222 and phylogenetic analysis. <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 215-216.	0.2	13
13	Identification and quantification of flavonoids in yellow grain mutant of rice (<i>Oryza sativa</i> L.). <i>Food Chemistry</i> , 2018, 241, 154-162.	4.2	38
14	Identification of a Spotted Leaf Sheath Gene Involved in Early Senescence and Defense Response in Rice. <i>Frontiers in Plant Science</i> , 2018, 9, 1274.	1.7	20
15	A new SNP in cyOsPPDK gene is associated with floury endosperm in Suweon 542. <i>Molecular Genetics and Genomics</i> , 2018, 293, 1151-1158.	1.0	12
16	A Fragrant <i>Cymbidium goeringii</i> Variety 'Arihyang' with a Single Jade Flower in a Peduncle and Plain leaf. <i>Han'guk Yukchong Hakhoe Chi</i> , 2018, 50, 177-180.	0.2	1
17	Comparisons of proteomic profiles of whey protein between donor human milk collected earlier than 3 months and 6 months after delivery. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2018, 27, 204-210.	0.3	4
18	Current Understandings of Plant Nonhost Resistance. <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 5-15.	1.4	122

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19	Quantitative shotgun proteomic analysis of cold-stressed mature rice anthers. <i>Plant Biotechnology Reports</i> , 2017, 11, 417-427.	0.9	6
20	Shotgun Quantitative Proteomic Analysis of Proteins Responding to Drought Stress in <i>Brassica rapa</i> L. (Inbred Line 'Chiifu'). <i>International Journal of Genomics</i> , 2016, 2016, 1-9.	0.8	8
21	Analysis of quantitative trait loci associated with seed germination and coleoptile length under low temperature condition. <i>Journal of Crop Science and Biotechnology</i> , 2015, 18, 273-278.	0.7	8
22	A quantitative shotgun proteomics analysis of germinated rice embryos and coleoptiles under low-temperature conditions. <i>Proteome Science</i> , 2015, 13, 27.	0.7	12
23	Quantitative Shotgun Proteomics Analysis of Rice Anther Proteins after Exposure to High Temperature. <i>International Journal of Genomics</i> , 2015, 2015, 1-9.	0.8	25
24	Defining the genome structure of 'Tongil' rice, an important cultivar in the Korean "Green Revolution". <i>Rice</i> , 2014, 7, 22.	1.7	24
25	Analysis of segregation distortion and its relationship to hybrid barriers in rice. <i>Rice</i> , 2014, 7, 3.	1.7	53
26	Isoflavones and anthocyanins analysis in soybean (<i>Glycine max</i> (L.) Merrill) from three different planting locations in Korea. <i>Field Crops Research</i> , 2014, 156, 76-83.	2.3	23
27	Isolation and Characterization of a Dominant Dwarf Gene, D-h, in Rice. <i>PLoS ONE</i> , 2014, 9, e86210.	1.1	20
28	Gene identification using rice genome sequences. <i>Genes and Genomics</i> , 2013, 35, 415-424.	0.5	3
29	Morphological and genetic characterization of off-type rice plants collected from farm fields in Korea. <i>Journal of Plant Biology</i> , 2013, 56, 160-167.	0.9	2
30	Effect of genotype and cultivation location on $\hat{\gamma}^2$ -sitosterol and $\hat{\gamma}^1$, $\hat{\gamma}^2$, $\hat{\gamma}^3$, and $\hat{\gamma}^4$ -tocopherols in sorghum. <i>Food Research International</i> , 2013, 51, 971-976.	2.9	23
31	Aliphatic Alcohol, Acid, Ester and Other Constituents from Rice Straw of <i>Oryza sativa</i> . <i>Asian Journal of Chemistry</i> , 2013, 25, 9110-9114.	0.1	2
32	Antioxidant Activity of Glycerol Derivatives of Fatty Acids from the Fruits of <i>Lycium chinense</i> Miller. <i>Asian Journal of Chemistry</i> , 2013, 25, 4661-4663.	0.1	0
33	New Aliphatic Glycoside Constituent from the Fruits of <i>Lycium chinense</i> Miller. <i>Asian Journal of Chemistry</i> , 2013, 25, 4664-4666.	0.1	0
34	QTLs for hybrid fertility and their association with female and male sterility in rice. <i>Genes and Genomics</i> , 2012, 34, 355-365.	0.5	8
35	QTL analyses of heterosis for grain yield and yield-related traits in indica-japonica crosses of rice (<i>Oryza sativa</i> L.). <i>Genes and Genomics</i> , 2012, 34, 367-377.	0.5	12
36	Teosinte Branched 1 modulates tillering in rice plants. <i>Plant Cell Reports</i> , 2012, 31, 57-65.	2.8	61

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37	Single Nucleotide Polymorphisms and Haplotype Diversity in Rice Sucrose Synthase 3. <i>Journal of Heredity</i> , 2011, 102, 735-746.	1.0	25
38	Identification of QTLs for Seed Germination Capability after Various Storage Periods Using Two RIL Populations in Rice. <i>Molecules and Cells</i> , 2011, 31, 385-392.	1.0	48
39	Quantitative Trait Loci for Cold Tolerance of Rice Recombinant Inbred Lines in Low Temperature Environments. <i>Molecules and Cells</i> , 2011, 32, 579-588.	1.0	27
40	Fine mapping and candidate gene analysis of dense and erect panicle 3, DEP3, which confers high grain yield in rice (<i>Oryza sativa</i> L.). <i>Theoretical and Applied Genetics</i> , 2011, 122, 1439-1449.	1.8	112
41	A label-free quantitative shotgun proteomics analysis of rice grain development. <i>Proteome Science</i> , 2011, 9, 61.	0.7	42
42	Shotgun proteomic analysis for detecting differentially expressed proteins in the reduced culm number rice. <i>Proteomics</i> , 2011, 11, 455-468.	1.3	18
43	<i>SPL28</i> encodes a clathrin-associated adaptor protein complex 1, medium subunit 1 (AP1M1) and is responsible for spotted leaf and early senescence in rice (<i>Oryza sativa</i>). <i>New Phytologist</i> , 2010, 185, 258-274.	3.5	162
44	Genotype × environment interactions for chilling tolerance of rice recombinant inbred lines under different low temperature environments. <i>Field Crops Research</i> , 2010, 117, 226-236.	2.3	16
45	Quantitative Proteomic Analysis of Bean Plants Infected by a Virulent and Avirulent Obligate Rust Fungus. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 19-31.	2.5	61
46	High-resolution mapping of two rice brown planthopper resistance genes, Bph20(t) and Bph21(t), originating from <i>Oryza minuta</i> . <i>Theoretical and Applied Genetics</i> , 2009, 119, 1237-1246.	1.8	147
47	Map-based cloning of the ERECT PANICLE 3 gene in rice. <i>Theoretical and Applied Genetics</i> , 2009, 119, 1497-1506.	1.8	81
48	Establishment of a Protein Reference Map for Soybean Root Hair Cells. <i>Plant Physiology</i> , 2009, 149, 670-682.	2.3	95
49	Fine mapping and candidate gene analysis of hwh1 and hwh2, a set of complementary genes controlling hybrid breakdown in rice. <i>Theoretical and Applied Genetics</i> , 2008, 116, 1117-1127.	1.8	22
50	Protein Accumulation in the Germinating <i>Uromyces appendiculatus</i> Uredospore. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 857-866.	1.4	37
51	Shotgun proteomic analysis of <i>Arabidopsis thaliana</i> leaves. <i>Journal of Separation Science</i> , 2007, 30, 2225-2230.	1.3	31
52	Alternative workflows for plant proteomic analysis. <i>Molecular BioSystems</i> , 2006, 2, 621.	2.9	24
53	Proteomic and genetic approaches to identifying defence-related proteins in rice challenged with the fungal pathogen <i>Rhizoctonia solani</i> . <i>Molecular Plant Pathology</i> , 2006, 7, 405-416.	2.0	93