

Kwanuk Lee

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

806
citations

623188

14
h-index

525886

27
g-index

31
all docs

31
docs citations

31
times ranked

1033
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | QTL Mapping of Resistance to Bacterial Wilt in Pepper Plants (<i>Capsicum annuum</i>) Using Genotyping-by-Sequencing (GBS). <i>Horticulturae</i> , 2022, 8, 115. | 1.2 | 9 |
| 2 | Comprehensive Understanding of Selecting Traits for Heat Tolerance during Vegetative and Reproductive Growth Stages in Tomato. <i>Agronomy</i> , 2022, 12, 834. | 1.3 | 5 |
| 3 | Molecular Bases of Heat Stress Responses in Vegetable Crops With Focusing on Heat Shock Factors and Heat Shock Proteins. <i>Frontiers in Plant Science</i> , 2022, 13, 837152. | 1.7 | 13 |
| 4 | <i>Arabidopsis</i> Mitochondrial Transcription Termination Factor mTERF2 Promotes Splicing of Group IIB Introns. <i>Cells</i> , 2021, 10, 315. | 1.8 | 15 |
| 5 | BrRH37, a Cabbage (<i>Brassica rapa</i>) DEAD-Box RNA Helicase, Confers Drought Tolerance and ABA Response in Transgenic <i>Arabidopsis</i> Plants. <i>Journal of Plant Biology</i> , 2021, 64, 327-336. | 0.9 | 9 |
| 6 | <i>N⁶</i> -Methyladenosine mRNA methylation is important for salt stress tolerance in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2021, 106, 1759-1775. | 2.8 | 101 |
| 7 | RsmD, a Chloroplast rRNA m ² G Methyltransferase, Plays a Role in Cold Stress Tolerance by Possibly Affecting Chloroplast Translation in <i>Arabidopsis</i> . <i>Plant and Cell Physiology</i> , 2021, 62, 948-958. | 1.5 | 12 |
| 8 | Physiological Traits of Thirty-Five Tomato Accessions in Response to Low Temperature. <i>Agriculture (Switzerland)</i> , 2021, 11, 792. | 1.4 | 12 |
| 9 | The Effect of Night Low Temperature on Agronomical Traits of Thirty-Nine Pepper Accessions (<i>Capsicum annuum</i> L.). <i>Agronomy</i> , 2021, 11, 1986. | 1.3 | 6 |
| 10 | Lack of FIBRILLIN6 in <i>Arabidopsis thaliana</i> affects light acclimation and sulfate metabolism. <i>New Phytologist</i> , 2020, 225, 1715-1731. | 3.5 | 15 |
| 11 | Impact of <i>Agrobacterium</i> -infiltration and transient overexpression of BroMYB28 on glucoraphanin biosynthesis in broccoli leaves. <i>Plant Biotechnology Reports</i> , 2020, 14, 373-380. | 0.9 | 5 |
| 12 | Roles of Organellar RNA-Binding Proteins in Plant Growth, Development, and Abiotic Stress Responses. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4548. | 1.8 | 24 |
| 13 | A La-Related Protein LaRP6a Delays Flowering of <i>Arabidopsis thaliana</i> by Upregulating FLC Transcript Levels. <i>Journal of Plant Biology</i> , 2020, 63, 369-378. | 0.9 | 9 |
| 14 | CFM9, a Mitochondrial CRM Protein, Is Crucial for Mitochondrial Intron Splicing, Mitochondria Function and <i>Arabidopsis</i> Growth and Stress Responses. <i>Plant and Cell Physiology</i> , 2019, 60, 2538-2548. | 1.5 | 19 |
| 15 | The coordinated action of PPR ⁴ and EMB ²⁶⁵⁴ on each intron half mediates trans-splicing of rps12 transcripts in plant chloroplasts. <i>Plant Journal</i> , 2019, 100, 1193-1207. | 2.8 | 42 |
| 16 | A chloroplast-targeted pentatricopeptide repeat protein PPR287 is crucial for chloroplast function and <i>Arabidopsis</i> development. <i>BMC Plant Biology</i> , 2019, 19, 244. | 1.6 | 18 |
| 17 | A chloroplast-targeted cabbage DEAD-box RNA helicase BrRH22 confers abiotic stress tolerance to transgenic <i>Arabidopsis</i> plants by affecting translation of chloroplast transcripts. <i>Plant Physiology and Biochemistry</i> , 2018, 127, 336-342. | 2.8 | 26 |
| 18 | Rice DEAD-box RNA helicase OsRH53 has negative impact on <i>Arabidopsis</i> response to abiotic stresses. <i>Plant Growth Regulation</i> , 2018, 85, 153-163. | 1.8 | 17 |

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|----|---|-----|-----------|
| 19 | quatre-quart1 is an indispensable U12 intron-containing gene that plays a crucial role in Arabidopsis development. <i>Journal of Experimental Botany</i> , 2017, 68, 2731-2739. | 2.4 | 9 |
| 20 | The mitochondrial pentatricopeptide repeat protein <scp>PPR</scp>19 is involved in the stabilization of <i>NADH dehydrogenase 1</i> transcripts and is crucial for mitochondrial function and <i>Arabidopsis thaliana</i> development. <i>New Phytologist</i> , 2017, 215, 202-216. | 3.5 | 60 |
| 21 | Abiotic stresses affect differently the intron splicing and expression of chloroplast genes in coffee plants (<i>Coffea arabica</i>) and rice (<i>Oryza sativa</i>). <i>Journal of Plant Physiology</i> , 2016, 201, 85-94. | 1.6 | 20 |
| 22 | Emerging Roles of RNA-Binding Proteins in Plant Growth, Development, and Stress Responses. <i>Molecules and Cells</i> , 2016, 39, 179-185. | 1.0 | 108 |
| 23 | A nuclear-encoded chloroplast-targeted S1 <scp>RNA</scp> binding domain protein affects chloroplast <scp>rRNA</scp> processing and is crucial for the normal growth of <i>Arabidopsis thaliana</i>. <i>Plant Journal</i> , 2015, 83, 277-289. | 2.8 | 17 |
| 24 | A chloroplast-localized S1 domain-containing protein SRRP1 plays a role in Arabidopsis seedling growth in the presence of ABA. <i>Journal of Plant Physiology</i> , 2015, 189, 34-41. | 1.6 | 15 |
| 25 | MicroRNA400-Guided Cleavage of Pentatricopeptide Repeat Protein mRNAs Renders Arabidopsis thaliana More Susceptible to Pathogenic Bacteria and Fungi. <i>Plant and Cell Physiology</i> , 2014, 55, 1660-1668. | 1.5 | 87 |
| 26 | A chloroplast-localized DEAD-box RNA helicase AtRH3 is essential for intron splicing and plays an important role in the growth and stress response in Arabidopsis thaliana. <i>Plant Physiology and Biochemistry</i> , 2014, 82, 309-318. | 2.8 | 71 |
| 27 | A nuclear-encoded chloroplast protein harboring a single CRM domain plays an important role in the Arabidopsis growth and stress response. <i>BMC Plant Biology</i> , 2014, 14, 98. | 1.6 | 28 |
| 28 | Functional characterization of a plastid-specific ribosomal protein PSRP2 in Arabidopsis thaliana under abiotic stress conditions. <i>Plant Physiology and Biochemistry</i> , 2013, 73, 405-411. | 2.8 | 33 |