

Dae Heon Kim

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,401
citations

516710

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h-index

526287

27
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docs citations

27
times ranked

1935
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Dynamin-Like Protein, ADL6, Is Involved in Trafficking from the <i>trans</i> -Golgi Network to the Central Vacuole in Arabidopsis. <i>Plant Cell</i> , 2001, 13, 1511-1526.	6.6	304
2	Identification of a Signal That Distinguishes between the Chloroplast Outer Envelope Membrane and the Endomembrane System in Vivo. <i>Plant Cell</i> , 2001, 13, 2175-2190.	6.6	198
3	AKR2A-mediated import of chloroplast outer membrane proteins is essential for chloroplast biogenesis. <i>Nature Cell Biology</i> , 2008, 10, 220-227.	10.3	136
4	An Arabidopsis SUMO E3 Ligase, SIZ1, Negatively Regulates Photomorphogenesis by Promoting COP1 Activity. <i>PLoS Genetics</i> , 2016, 12, e1006016.	3.5	90
5	Both the Hydrophobicity and a Positively Charged Region Flanking the C-Terminal Region of the Transmembrane Domain of Signal-Anchored Proteins Play Critical Roles in Determining Their Targeting Specificity to the Endoplasmic Reticulum or Endosymbiotic Organelles in Arabidopsis Cells. <i>Plant Cell</i> , 2011, 23, 1588-1607.	6.6	63
6	Natural variations at the Stay-Green gene promoter control lifespan and yield in rice cultivars. <i>Nature Communications</i> , 2020, 11, 2819.	12.8	62
7	Small Heat Shock Protein Hsp17.8 Functions as an AKR2A Cofactor in the Targeting of Chloroplast Outer Membrane Proteins in Arabidopsis. <i>Plant Physiology</i> , 2011, 157, 132-146.	4.8	58
8	Specific targeting of proteins to outer envelope membranes of endosymbiotic organelles, chloroplasts, and mitochondria. <i>Frontiers in Plant Science</i> , 2014, 5, 173.	3.6	58
9	Miktoarm Amphiphilic Block Copolymer with Singlet Oxygen-Labile Stereospecific β^2 -Aminoacrylate Junction: Synthesis, Self-Assembly, and Photodynamically Triggered Drug Release. <i>Biomacromolecules</i> , 2018, 19, 2202-2213.	5.4	56
10	An Ankyrin Repeat Domain of AKR2 Drives Chloroplast Targeting through Coincident Binding of Two Chloroplast Lipids. <i>Developmental Cell</i> , 2014, 30, 598-609.	7.0	49
11	Functional DNA-Driven Dynamic Nanoconstructs for Biomolecule Capture and Drug Delivery. <i>Advanced Materials</i> , 2018, 30, e1707351.	21.0	47
12	SH3 Domain-Containing Protein 2 Plays a Crucial Role at the Step of Membrane Tubulation during Cell Plate Formation. <i>Plant Cell</i> , 2017, 29, 1388-1405.	6.6	42
13	Direct Targeting of Proteins from the Cytosol to Organelles: The ER versus Endosymbiotic Organelles. <i>Traffic</i> , 2013, 14, 613-621.	2.7	38
14	AtHSP17.8 overexpression in transgenic lettuce gives rise to dehydration and salt stress resistance phenotypes through modulation of ABA-mediated signaling. <i>Plant Cell Reports</i> , 2013, 32, 1953-1963.	5.6	35
15	Cytosolic targeting factor AKR2A captures chloroplast outer membrane-localized client proteins at the ribosome during translation. <i>Nature Communications</i> , 2015, 6, 6843.	12.8	31
16	Biogenesis of chloroplast outer envelope membrane proteins. <i>Plant Cell Reports</i> , 2019, 38, 783-792.	5.6	21
17	Interactions between Transmembrane Helices within Monomers of the Aquaporin AtPIP2;1 Play a Crucial Role in Tetramer Formation. <i>Molecular Plant</i> , 2016, 9, 1004-1017.	8.3	19
18	Jasmonic acid-inducible TSA1 facilitates ER body formation. <i>Plant Journal</i> , 2019, 97, 267-280.	5.7	18

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19	Chromatin Remodeling Protein ZmCHB101 Regulates Nitrate-Responsive Gene Expression in Maize. <i>Frontiers in Plant Science</i> , 2020, 11, 52.	3.6	14
20	Reversible SUMOylation of FHY1 Regulates Phytochrome A Signaling in Arabidopsis. <i>Molecular Plant</i> , 2020, 13, 879-893.	8.3	14
21	Generation of transgenic Arabidopsis plants expressing mcherry-fused organelle marker proteins. <i>Journal of Plant Biology</i> , 2013, 56, 399-406.	2.1	13
22	Rapid generation of transgenic and gene-edited <i>Solanum nigrum</i> plants using Agrobacterium-mediated transformation. <i>Plant Biotechnology Reports</i> , 2020, 14, 497-504.	1.5	8
23	Optimization of Tomato Productivity Using Flowering Time Variants. <i>Agronomy</i> , 2021, 11, 285.	3.0	7
24	Expression and <i>in vitro</i> function of anti-cancer mAbs in transgenic <i>Arabidopsis thaliana</i> . <i>BMB Reports</i> , 2020, 53, 229-233.	2.4	6
25	Effect of an Endoplasmic Reticulum Retention Signal Tagged to Human Anti-Rabies mAb SO57 on Its Expression in Arabidopsis and Plant Growth. <i>Molecules and Cells</i> , 2021, 44, 770-779.	2.6	5
26	Sargahydroquinoic acid isolated from <i>Sargassum serratifolium</i> as inhibitor of cellular basophils activation and passive cutaneous anaphylaxis in mice. <i>International Immunopharmacology</i> , 2022, 105, 108567.	3.8	5
27	A Plant-Derived Antigen-Antibody Complex Induces Anti-Cancer Immune Responses by Forming a Large Quaternary Structure. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5603.	4.1	4