

# Jitae Kim

## List of Publications by Year in descending order

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14  
papers

911  
citations

759233

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1058476

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1212  
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#	ARTICLE	IF	CITATIONS
1	Subunits of the Plastid ClpPR Protease Complex Have Differential Contributions to Embryogenesis, Plastid Biogenesis, and Plant Development in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2009, 21, 1669-1692.	6.6	134
2	Large Scale Comparative Proteomics of a Chloroplast Clp Protease Mutant Reveals Folding Stress, Altered Protein Homeostasis, and Feedback Regulation of Metabolism. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 1789-1810.	3.8	127
3	The Clp protease system; a central component of the chloroplast protease network. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 999-1011.	1.0	125
4	ClpS1 Is a Conserved Substrate Selector for the Chloroplast Clp Protease System in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 2276-2301.	6.6	98
5	The <i>Arabidopsis</i> Chloroplast stromal N-terminome; complexities of N-terminal protein maturation and stability. <i>Plant Physiology</i> , 2015, 169, pp.01214.2015.	4.8	73
6	Calcium Pumps and Interacting BON1 Protein Modulate Calcium Signature, Stomatal Closure, and Plant Immunity. <i>Plant Physiology</i> , 2017, 175, 424-437.	4.8	66
7	Subunit Stoichiometry, Evolution, and Functional Implications of an Asymmetric Plant Plastid ClpP/R Protease Complex in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2011, 23, 2348-2361.	6.6	64
8	Discovery of a Unique Clp Component, ClpF, in Chloroplasts: A Proposed Binary ClpF-ClpS1 Adaptor Complex Functions in Substrate Recognition and Delivery. <i>Plant Cell</i> , 2015, 27, tpc.15.00574.	6.6	63
9	Modified Clp Protease Complex in the ClpP3 Null Mutant and Consequences for Chloroplast Development and Function in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2013, 162, 157-179.	4.8	55
10	Structures, Functions, and Interactions of ClpT1 and ClpT2 in the Clp Protease System of <i>Arabidopsis</i> Chloroplasts. <i>Plant Cell</i> , 2015, 27, 1477-1496.	6.6	40
11	The Clp protease system is required for copper ion-dependent turnover of the PAA/HMA copper transporter in chloroplasts. <i>New Phytologist</i> , 2015, 205, 511-517.	7.3	29
12	Nuclear pore complex components have temperature-influenced roles in plant growth and immunity. <i>Plant, Cell and Environment</i> , 2020, 43, 1452-1466.	5.7	20
13	Mitogen-activated protein kinase is involved in the symbiotic interaction between <i>Bradyrhizobium japonicum</i> USDA110 and soybean. <i>Journal of Plant Biology</i> , 2008, 51, 291-296.	2.1	9
14	Consequences of the loss of catalytic triads in chloroplast CLPPR protease core complexes <i>in vivo</i> . <i>Plant Direct</i> , 2018, 2, e00086.	1.9	8