

# Yong-sic Hwang

## List of Publications by Year in descending order

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35  
papers

1,174  
citations

430874

18  
h-index

377865

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1717  
citing authors

#	ARTICLE	IF	CITATIONS
1	phyA dominates in transduction of red-light signals to rapidly responding genes at the initiation of Arabidopsis seedling de-etiolation. <i>Plant Journal</i> , 2006, 48, 728-742.	5.7	164
2	Comparative analyses of lipidomes and transcriptomes reveal a concerted action of multiple defensive systems against photooxidative stress in <i>Haematococcus pluvialis</i> . <i>Journal of Experimental Botany</i> , 2014, 65, 4317-4334.	4.8	146
3	Functional Profiling Reveals That Only a Small Number of Phytochrome-Regulated Early-Response Genes in Arabidopsis Are Necessary for Optimal Deetiolation. <i>Plant Cell</i> , 2006, 18, 2157-2171.	6.6	101
4	A Gibberellin-Regulated Calcineurin B in Rice Localizes to the Tonoplast and Is Implicated in Vacuole Function. <i>Plant Physiology</i> , 2005, 138, 1347-1358.	4.8	69
5	Dynamic response of the transcriptome of a psychrophilic diatom, <i>Chaetoceros neogracile</i> , to high irradiance. <i>Planta</i> , 2010, 231, 349-360.	3.2	56
6	Transcriptome analysis of acclimatory responses to thermal stress in Antarctic algae. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 635-641.	2.1	55
7	The Arabidopsis thaliana GRF-INTERACTING FACTOR gene family plays an essential role in control of male and female reproductive development. <i>Developmental Biology</i> , 2014, 386, 12-24.	2.0	48
8	The Arabidopsis thaliana NGATHA transcription factors negatively regulate cell proliferation of lateral organs. <i>Plant Molecular Biology</i> , 2015, 89, 529-538.	3.9	47
9	Brassinazole resistant 1 (BZR1)-dependent brassinosteroid signalling pathway leads to ectopic activation of quiescent cell division and suppresses columella stem cell differentiation. <i>Journal of Experimental Botany</i> , 2015, 66, 4835-4849.	4.8	44
10	The Maize O2 and PBF Proteins Act Additively to Promote Transcription from Storage Protein Gene Promoters in Rice Endosperm Cells. <i>Plant and Cell Physiology</i> , 2004, 45, 1509-1518.	3.1	42
11	Interplay between ABA and GA Modulates the Timing of Asymmetric Cell Divisions in the Arabidopsis Root Ground Tissue. <i>Molecular Plant</i> , 2016, 9, 870-884.	8.3	42
12	Interference with oxidative phosphorylation enhances anoxic expression of rice $\alpha$ -amylase genes through abolishing sugar regulation. <i>Journal of Experimental Botany</i> , 2010, 61, 3235-3244.	4.8	40
13	Global Patterns of Gene Expression in the Aleurone of Wild-Type and dwarf1 Mutant Rice. <i>Plant Physiology</i> , 2006, 140, 484-498.	4.8	39
14	Role of rice cytosolic hexokinase <i>OshXK7</i> in sugar signaling and metabolism. <i>Journal of Integrative Plant Biology</i> , 2016, 58, 127-135.	8.5	38
15	Analysis of Arabidopsis glucose insensitive growth Mutants Reveals the Involvement of the Plastidial Copper Transporter PAA1 in Glucose-Induced Intracellular Signaling. <i>Plant Physiology</i> , 2012, 159, 1001-1012.	4.8	34
16	Abscisic acid, gibberellin and cell viability in cereal aleurone. <i>Euphytica</i> , 2002, 126, 3-11.	1.2	27
17	Hexokinase-mediated sugar signaling controls expression of the calcineurin B-like interacting protein kinase 15 gene and is perturbed by oxidative phosphorylation inhibition. <i>Journal of Plant Physiology</i> , 2012, 169, 1551-1558.	3.5	24
18	Abscisic acid prevents the coalescence of protein storage vacuoles by upregulating expression of a tonoplast intrinsic protein gene in barley aleurone. <i>Journal of Experimental Botany</i> , 2015, 66, 1191-1203.	4.8	24

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19	cPrG-HCl a potential H <sup>+</sup> /Cl <sup>-</sup> symporter prevents acidification of storage vacuoles in aleurone cells and inhibits GA-dependent hydrolysis of storage protein and phytate. <i>Plant Journal</i> , 2003, 35, 154-163.	5.7	17
20	Ratio of phosphorylated HSP27 to nonphosphorylated HSP27 biphasically acts as a determinant of cellular fate in gemcitabine-resistant pancreatic cancer cells. <i>Cellular Signalling</i> , 2015, 27, 807-817.	3.6	17
21	Ethylene-induced opposite redistributions of calcium and auxin are essential components in the development of tomato petiolar epinastic curvature. <i>Plant Physiology and Biochemistry</i> , 2008, 46, 685-693.	5.8	16
22	Evaluation of expression cassettes in developing rice endosperm using a transient expression assay. <i>Plant Science</i> , 2001, 161, 1107-1116.	3.6	12
23	Differential Anoxic Expression of Sugar-Regulated Genes Reveals Diverse Interactions between Sugar and Anaerobic Signaling Systems in Rice. <i>Molecules and Cells</i> , 2013, 36, 169-176.	2.6	12
24	Comparative transcriptome profiling of developing caryopses from two rice cultivars with differential dormancy. <i>Journal of Plant Physiology</i> , 2013, 170, 1090-1100.	3.5	12
25	Cross-talk between ABA and sugar signaling is mediated by the ACGT core and CE1 element reciprocally in OsTIP3;1 promoter. <i>Journal of Plant Physiology</i> , 2018, 224-225, 103-111.	3.5	12
26	Phytochrome-Regulated PIL1 Derepression is Developmentally Modulated. <i>Plant and Cell Physiology</i> , 2008, 49, 501-511.	3.1	9
27	Enhanced production and secretion of rutin and GABA in immobilized cells of mulberry tree ( <i>Morus</i> ) Tj ETQq1 1 0.784314 rgBT /Overl 2.3 6		
28	Dissection of cis-regulatory element architecture of the rice oleosin gene promoters to assess abscisic acid responsiveness in suspension-cultured rice cells. <i>Journal of Plant Physiology</i> , 2017, 215, 20-29.	3.5	5
29	Aquaporin activity of barley tonoplast intrinsic proteins is involved in the delay of the coalescence of protein storage vacuoles in aleurone cells. <i>Journal of Plant Physiology</i> , 2020, 251, 153186.	3.5	4
30	Sugar starvation induces the central vacuolation with coordinated increase in expression of tonoplast intrinsic protein genes in suspension-cultured rice cells. <i>Journal of Plant Biology</i> , 2016, 59, 74-82.	2.1	3
31	Comparison of transcriptomic adjustments to availability of sugar, cellular energy, and oxygen in germinating rice embryos. <i>Journal of Plant Physiology</i> , 2021, 264, 153471.	3.5	3
32	Silicon transporter genes of <i>Fragilariopsis cylindrus</i> (Bacillariophyceae) are differentially expressed during the progression of cell cycle synchronized by Si or light. <i>Algae</i> , 2018, 33, 191-203.	2.3	3
33	The promoter of CBL-interacting protein kinase 15 delivers the interference of sugar regulation by perturbed oxidative phosphorylation. <i>Genes and Genomics</i> , 2013, 35, 767-775.	1.4	2
34	An abscisic acid-activation of the oleosin HvOLE3 expression prevents the coalescence of protein storage vacuoles in barley aleurone cells. <i>Journal of Experimental Botany</i> , 2021, , .	4.8	1
35	Inhibition of Oxidative Phosphorylation Induces a Rapid Death of GA-Pretreated Aleurone Cells, But Not of ABA-Pretreated Aleurone Cells. <i>Journal of Plant Biology</i> , 2010, 53, 205-213.	2.1	0