Man-Ho Oh

List of Publications by Year
in descending order

58 papers	2,028 citations	394286 19 h-index	243529 44 g-index
58 all docs	58 docs citations	58 times ranked	2696 citing authors

#	Article	IF	Citations
1	Glucosinolate variation among organs, growth stages and seasons suggests its dominant accumulation in sexual over asexual-reproductive organs in white radish. Scientia Horticulturae, 2022, 291, 110617.	1.7	11
2	Open stomata 1 exhibits dual serine/threonine and tyrosine kinase activity in regulating abscisic acid signaling. Journal of Experimental Botany, 2021, 72, 5494-5507.	2.4	8
3	Chaperone-like protein DAY plays critical roles in photomorphogenesis. Nature Communications, 2021, 12, 4194.	5.8	5
4	Development of Molecular Markers for Predicting Radish (Raphanus sativus) Flesh Color Based on Polymorphisms in the RsTT8 Gene. Plants, 2021, 10, 1386.	1.6	4
5	Phosphorylation of BIK1 is critical for interaction with downstream signaling components. Genes and Genomics, 2021, 43, 1269-1276.	0.5	3
6	14-3-3 proteins contribute to leaf and root development via brassinosteroid insensitive 1 in Arabidopsis thaliana. Genes and Genomics, 2020, 42, 347-354.	0.5	11
7	Golden Gate Cloning-Compatible DNA Replicon/2A-Mediated Polycistronic Vectors for Plants. Frontiers in Plant Science, 2020, 11, 559365.	1.7	10
8	The Control of Cell Expansion, Cell Division, and Vascular Development by Brassinosteroids: A Historical Perspective. International Journal of Molecular Sciences, 2020, 21, 1743.	1.8	54
9	Genome-wide analysis of brassinosteroid responsive small RNAs in Arabidopsis thaliana. Genes and Genomics, 2020, 42, 957-969.	0.5	1
10	Red Chinese Cabbage Transcriptome Analysis Reveals Structural Genes and Multiple Transcription Factors Regulating Reddish Purple Color. International Journal of Molecular Sciences, 2020, 21, 2901.	1.8	21
11	Pattern recognition receptors and their interactions with bacterial type III effectors in plants. Genes and Genomics, 2019, 41, 499-506.	0.5	17
12	Different vegetative growth stages of Kimchi cabbage (Brassica rapa L.) exhibit specific glucosinolate composition and content. Horticulture Environment and Biotechnology, 2018, 59, 355-362.	0.7	10
13	Brassinosteroids regulate glucosinolate biosynthesis in <scp><i>Arabidopsis thaliana</i></scp>. Physiologia Plantarum, 2018, 163, 450-458.	2.6	18
14	F-Box Genes in Brassica rapa: Genome-Wide Identification, Structural Characterization, Expressional Validation, and Comparative Analysis. Plant Molecular Biology Reporter, 2018, 36, 500-517.	1.0	5
15	Biochemical Analysis of the Role of Leucine-Rich Repeat Receptor-Like Kinases and the Carboxy-Terminus of Receptor Kinases in Regulating Kinase Activity in Arabidopsis thaliana and Brassica oleracea. Molecules, 2018, 23, 236.	1.7	8
16	Comprehensive analysis of CCCH zinc-finger-type transcription factors in the Brassica rapa genome. Horticulture Environment and Biotechnology, 2018, 59, 729-747.	0.7	6
17	Four tyrosine residues of the rice immune receptor XA21 are not required for interaction with the co-receptor OsSERK2 or resistance to <i>Xanthomonas oryzae</i> pv. <i>oryzae</i>. PeerJ, 2018, 6, e6074.	0.9	4
18	Arabidopsis SHL1 protein binds to a specific sequence of the TCH4 promoter in vitro. Journal of Plant Biotechnology, 2018, 45, 71-76.	0.1	0

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19	Expression and phosphorylation analysis of soluble proteins and membrane-localised receptor-like kinases from <i>Arabidopsis thaliana</i> in <i>Escherichia coli </i>. Journal of Plant Biotechnology, 2018, 45, 315-321.	0.1	0
20	Tyrosine-610 in the Receptor Kinase BAK1 Does Not Play a Major Role in Brassinosteroid Signaling or Innate Immunity. Frontiers in Plant Science, 2017, 8, 1273.	1.7	5
21	Plant receptor kinases bind and phosphorylate 14-3-3 proteins. Genes and Genomics, 2016, 38, 1111-1119.	0.5	4
22	Functional analysis of the rice BRI1 receptor kinase. Journal of Plant Biotechnology, 2016, 43, 30-36.	0.1	0
23	Functional analysis of the BRI1 receptor kinase by Thr-for-Ser substitution in a regulatory autophosphorylation site. Frontiers in Plant Science, 2015, 6, 562.	1.7	10
24	Genomic and Post-Translational Modification Analysis of Leucine-Rich-Repeat Receptor-Like Kinases in Brassica rapa. PLoS ONE, 2015, 10, e0142255.	1.1	56
25	Tyrosine phosphorylation as a signaling component for plant improvement. Journal of Plant Biotechnology, 2015, 42, 277-283.	0.1	1
26	The Carboxy-terminus of BAK1 regulates kinase activity and is required for normal growth of Arabidopsis. Frontiers in Plant Science, 2014, 5, 16.	1.7	15
27	A Bacterial Tyrosine Phosphatase Inhibits Plant Pattern Recognition Receptor Activation. Science, 2014, 343, 1509-1512.	6.0	152
28	Genome-wide identification, characterization, and comparative phylogeny analysis of MADS-box transcription factors in Brassica rapa. Genes and Genomics, 2014, 36, 509-525.	0.5	8
29	Impact of Ca2+on structure of soybean CDPKÎ² and accessibility of the Tyr-24 autophosphorylation site. Plant Signaling and Behavior, 2013, 8, e27671.	1.2	2
30	IEF-2DE Analysis and Protein Identification. Bio-protocol, 2013, 3, .	0.2	0
31	Transphosphorylation of E. coli Proteins during Production of Recombinant Protein Kinases Provides a Robust System to Characterize Kinase Specificity. Frontiers in Plant Science, 2012, 3, 262.	1.7	20
32	Tyrosine Phosphorylation of the BRI1 Receptor Kinase Occurs via a Post-Translational Modification and is Activated by the Juxtamembrane Domain. Frontiers in Plant Science, 2012, 3, 175.	1.7	47
33	14-3-3 Proteins SGF14c and SGF14l Play Critical Roles during Soybean Nodulation. Plant Physiology, 2012, 160, 2125-2136.	2.3	33
34	Deactivation of the <i>Arabidopsis</i> BRASSINOSTEROID INSENSITIVE 1 (BRI1) receptor kinase by autophosphorylation within the glycine-rich loop. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 327-332.	3.3	69
35	Calcium/calmodulin inhibition of the Arabidopsis BRASSINOSTEROID-INSENSITIVE 1 receptor kinase provides a possible link between calcium and brassinosteroid signalling. Biochemical Journal, 2012, 443, 515-523.	1.7	66
36	CDPKs are dualâ€specificity protein kinases and tyrosine autophosphorylation attenuates kinase activity. FEBS Letters, 2012, 586, 4070-4075.	1.3	34

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37	Functional importance of BAK1 tyrosine phosphorylation in vivo. Plant Signaling and Behavior, 2011, 6, 400-405.	1.2	19
38	Enhancing Arabidopsis Leaf Growth by Engineering the BRASSINOSTEROID INSENSITIVE1 Receptor Kinase Â Â Â. Plant Physiology, 2011, 157, 120-131.	2.3	76
39	Lysine Acetylation Is a Widespread Protein Modification for Diverse Proteins in Arabidopsis Â Â Â. Plant Physiology, 2011, 155, 1769-1778.	2.3	198
40	Autophosphorylation of Tyr-610 in the receptor kinase BAK1 plays a role in brassinosteroid signaling and basal defense gene expression. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17827-17832.	3.3	119
41	Coupling oxidative signals to protein phosphorylation via methionine oxidation in <i>Arabidopsis</i>. Biochemical Journal, 2009, 422, 305-312.	1.7	109
42	Tyrosine phosphorylation of the BRI1 receptor kinase emerges as a component of brassinosteroid signaling in <i>Arabidopsis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 658-663.	3.3	247
43	Tyrosine phosphorylation in brassinosteroid signaling. Plant Signaling and Behavior, 2009, 4, 1182-1185.	1.2	30
44	Overexpression of a directed mutant of 14-3-3Ï‰ in <i>Arabidopsis</i> leaves affects phosphorylation and protein content of nitrate reductaseThis paper is one of a selection published in a Special Issue comprising papers presented at the 50th Annual Meeting of the Canadian Society of Plant Physiologists (CSPP) held at the University of Ottawa, Ontario, in June 2008.. Botany, 2009, 87, 691-701.	0.5	2
45	Genome-wide expression profiling of ARABIDOPSIS RESPONSE REGULATOR 7(ARR7) overexpression in cytokinin response. Molecular Genetics and Genomics, 2007, 277, 115-137.	1.0	103
46	Brassinosteroid Signals Control Expression of theAXR3/IAA17Gene in the Cross-Talk Point with Auxin in Root Development. Bioscience, Biotechnology and Biochemistry, 2006, 70, 768-773.	0.6	67
47	Brassinosteroids: modes of BR action and signal transduction. Journal of Plant Biology, 2003, 46, 1-9.	0.9	2
48	Gene encoding pathogenesis-related 10 protein of Lithospermum erythrorhizon is responsive to exogenous stimuli related to the plant defense system. Plant Science, 2003, 165, 1297-1302.	1.7	17
49	Transcriptional and Posttranscriptional Regulation of ArabidopsisTCH4 Expression by Diverse Stimuli. Roles of cis Regions and Brassinosteroids. Plant Physiology, 2002, 130, 770-783.	2.3	80
50	Recombinant Brassinosteroid Insensitive 1 Receptor-Like Kinase Autophosphorylates on Serine and Threonine Residues and Phosphorylates a Conserved Peptide Motif in Vitro. Plant Physiology, 2000, 124, 751-766.	2.3	174
51	Plant regeneration from callus cultures ofLithospermum erythrorhizon. Plant Cell Reports, 1997, 16, 261-266.	2.8	11
52	Plant regeneration from callus cultures of Lithospermum erythrorhizon. Plant Cell Reports, 1997, 16, 261-266.	2.8	6
53	Isolation of a root-specific cDNA encoding a ns-LTP-like protein from the roots of bean (Phaseolus) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	18
54	An assessment of cytological stability in protoplast cultures of tetraploid Petunia hybrida. Plant Cell, Tissue and Organ Culture, 1995, 41, 243-248.	1.2	6

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55	Effect of Auxin on Expression of the Isopentenyl Transferase Gene (ipt) in Transformed Bean (Phaseolus vulgaris L.) Single-Cell Clones Induced by Agrobacterium tumefaciens C58. Journal of Plant Physiology, 1995, 146, 148-154.	1.6	9
56	Plant regeneration from petal protoplast culture ofPetunia hybrida. Plant Cell, Tissue and Organ Culture, 1994, 36, 275-283.	1.2	14
57	Changes of Protein Patterns during Induction of the First Cell Divisions in Petunia (Petunia hybrida) Protoplast Cultures. Journal of Plant Physiology, 1994, 144, 555-561.	1.6	3
58	Role of tyrosine autophosphorylation and methionine residues in BRI1 function in Arabidopsis thaliana. Genes and Genomics, 0, , .	0.5	0