

# Man-Ho Oh

## List of Publications by Year in descending order

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58  
papers

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394286

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docs citations

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times ranked

2696  
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#	ARTICLE	IF	CITATIONS
1	Tyrosine phosphorylation of the BRI1 receptor kinase emerges as a component of brassinosteroid signaling in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 658-663.	3.3	247
2	Lysine Acetylation Is a Widespread Protein Modification for Diverse Proteins in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2011, 155, 1769-1778.	2.3	198
3	Recombinant Brassinosteroid Insensitive 1 Receptor-Like Kinase Autophosphorylates on Serine and Threonine Residues and Phosphorylates a Conserved Peptide Motif <i>In Vitro</i> . <i>Plant Physiology</i> , 2000, 124, 751-766.	2.3	174
4	A Bacterial Tyrosine Phosphatase Inhibits Plant Pattern Recognition Receptor Activation. <i>Science</i> , 2014, 343, 1509-1512.	6.0	152
5	Autophosphorylation of Tyr-610 in the receptor kinase BAK1 plays a role in brassinosteroid signaling and basal defense gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17827-17832.	3.3	119
6	Coupling oxidative signals to protein phosphorylation via methionine oxidation in <i>Arabidopsis</i> . <i>Biochemical Journal</i> , 2009, 422, 305-312.	1.7	109
7	Genome-wide expression profiling of ARABIDOPSIS RESPONSE REGULATOR 7 (ARR7) overexpression in cytokinin response. <i>Molecular Genetics and Genomics</i> , 2007, 277, 115-137.	1.0	103
8	Transcriptional and Posttranscriptional Regulation of <i>Arabidopsis</i> TCH4 Expression by Diverse Stimuli. Roles of cis Regions and Brassinosteroids. <i>Plant Physiology</i> , 2002, 130, 770-783.	2.3	80
9	Enhancing <i>Arabidopsis</i> Leaf Growth by Engineering the BRASSINOSTEROID INSENSITIVE1 Receptor Kinase. <i>Plant Physiology</i> , 2011, 157, 120-131.	2.3	76
10	Deactivation of the <i>Arabidopsis</i> BRASSINOSTEROID INSENSITIVE 1 (BRI1) receptor kinase by autophosphorylation within the glycine-rich loop. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 327-332.	3.3	69
11	Brassinosteroid Signals Control Expression of the AXR3/IAA17 Gene in the Cross-Talk Point with Auxin in Root Development. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 768-773.	0.6	67
12	Calcium/calmodulin inhibition of the <i>Arabidopsis</i> BRASSINOSTEROID-INSENSITIVE 1 receptor kinase provides a possible link between calcium and brassinosteroid signalling. <i>Biochemical Journal</i> , 2012, 443, 515-523.	1.7	66
13	Genomic and Post-Translational Modification Analysis of Leucine-Rich-Repeat Receptor-Like Kinases in <i>Brassica rapa</i> . <i>PLoS ONE</i> , 2015, 10, e0142255.	1.1	56
14	The Control of Cell Expansion, Cell Division, and Vascular Development by Brassinosteroids: A Historical Perspective. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1743.	1.8	54
15	Tyrosine Phosphorylation of the BRI1 Receptor Kinase Occurs via a Post-Translational Modification and is Activated by the Juxtamembrane Domain. <i>Frontiers in Plant Science</i> , 2012, 3, 175.	1.7	47
16	CDPKs are dual-specificity protein kinases and tyrosine autophosphorylation attenuates kinase activity. <i>FEBS Letters</i> , 2012, 586, 4070-4075.	1.3	34
17	14-3-3 Proteins SGF14c and SGF14l Play Critical Roles during Soybean Nodulation. <i>Plant Physiology</i> , 2012, 160, 2125-2136.	2.3	33
18	Tyrosine phosphorylation in brassinosteroid signaling. <i>Plant Signaling and Behavior</i> , 2009, 4, 1182-1185.	1.2	30

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19	Red Chinese Cabbage Transcriptome Analysis Reveals Structural Genes and Multiple Transcription Factors Regulating Reddish Purple Color. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2901.	1.8	21
20	Transphosphorylation of E. coli Proteins during Production of Recombinant Protein Kinases Provides a Robust System to Characterize Kinase Specificity. <i>Frontiers in Plant Science</i> , 2012, 3, 262.	1.7	20
21	Functional importance of BAK1 tyrosine phosphorylation in vivo. <i>Plant Signaling and Behavior</i> , 2011, 6, 400-405.	1.2	19
22	Isolation of a root-specific cDNA encoding a ns-LTP-like protein from the roots of bean ( <i>Phaseolus</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.0	18
23	Brassinosteroids regulate glucosinolate biosynthesis in <i>Arabidopsis thaliana</i> . <i>Physiologia Plantarum</i> , 2018, 163, 450-458.	2.6	18
24	Gene encoding pathogenesis-related 10 protein of <i>Lithospermum erythrorhizon</i> is responsive to exogenous stimuli related to the plant defense system. <i>Plant Science</i> , 2003, 165, 1297-1302.	1.7	17
25	Pattern recognition receptors and their interactions with bacterial type III effectors in plants. <i>Genes and Genomics</i> , 2019, 41, 499-506.	0.5	17
26	The Carboxy-terminus of BAK1 regulates kinase activity and is required for normal growth of <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2014, 5, 16.	1.7	15
27	Plant regeneration from petal protoplast culture of <i>Petunia hybrida</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 1994, 36, 275-283.	1.2	14
28	Plant regeneration from callus cultures of <i>Lithospermum erythrorhizon</i> . <i>Plant Cell Reports</i> , 1997, 16, 261-266.	2.8	11
29	14-3-3 proteins contribute to leaf and root development via brassinosteroid insensitive 1 in <i>Arabidopsis thaliana</i> . <i>Genes and Genomics</i> , 2020, 42, 347-354.	0.5	11
30	Glucosinolate variation among organs, growth stages and seasons suggests its dominant accumulation in sexual over asexual-reproductive organs in white radish. <i>Scientia Horticulturae</i> , 2022, 291, 110617.	1.7	11
31	Functional analysis of the BRI1 receptor kinase by Thr-for-Ser substitution in a regulatory autophosphorylation site. <i>Frontiers in Plant Science</i> , 2015, 6, 562.	1.7	10
32	Different vegetative growth stages of Kimchi cabbage ( <i>Brassica rapa</i> L.) exhibit specific glucosinolate composition and content. <i>Horticulture Environment and Biotechnology</i> , 2018, 59, 355-362.	0.7	10
33	Golden Gate Cloning-Compatible DNA Replicon/2A-Mediated Polycistronic Vectors for Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 559365.	1.7	10
34	Effect of Auxin on Expression of the Isopentenyl Transferase Gene ( <i>ipt</i> ) in Transformed Bean ( <i>Phaseolus vulgaris</i> L.) Single-Cell Clones Induced by <i>Agrobacterium tumefaciens</i> C58. <i>Journal of Plant Physiology</i> , 1995, 146, 148-154.	1.6	9
35	Genome-wide identification, characterization, and comparative phylogeny analysis of MADS-box transcription factors in <i>Brassica rapa</i> . <i>Genes and Genomics</i> , 2014, 36, 509-525.	0.5	8
36	Biochemical Analysis of the Role of Leucine-Rich Repeat Receptor-Like Kinases and the Carboxy-Terminus of Receptor Kinases in Regulating Kinase Activity in <i>Arabidopsis thaliana</i> and <i>Brassica oleracea</i> . <i>Molecules</i> , 2018, 23, 236.	1.7	8

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37	Open stomata 1 exhibits dual serine/threonine and tyrosine kinase activity in regulating abscisic acid signaling. <i>Journal of Experimental Botany</i> , 2021, 72, 5494-5507.	2.4	8
38	An assessment of cytological stability in protoplast cultures of tetraploid <i>Petunia hybrida</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 1995, 41, 243-248.	1.2	6
39	Comprehensive analysis of CCCH zinc-finger-type transcription factors in the <i>Brassica rapa</i> genome. <i>Horticulture Environment and Biotechnology</i> , 2018, 59, 729-747.	0.7	6
40	Plant regeneration from callus cultures of <i>Lithospermum erythrorhizon</i> . <i>Plant Cell Reports</i> , 1997, 16, 261-266.	2.8	6
41	Tyrosine-610 in the Receptor Kinase BAK1 Does Not Play a Major Role in Brassinosteroid Signaling or Innate Immunity. <i>Frontiers in Plant Science</i> , 2017, 8, 1273.	1.7	5
42	F-Box Genes in <i>Brassica rapa</i> : Genome-Wide Identification, Structural Characterization, Expressional Validation, and Comparative Analysis. <i>Plant Molecular Biology Reporter</i> , 2018, 36, 500-517.	1.0	5
43	Chaperone-like protein DAY plays critical roles in photomorphogenesis. <i>Nature Communications</i> , 2021, 12, 4194.	5.8	5
44	Plant receptor kinases bind and phosphorylate 14-3-3 proteins. <i>Genes and Genomics</i> , 2016, 38, 1111-1119.	0.5	4
45	Development of Molecular Markers for Predicting Radish ( <i>Raphanus sativus</i> ) Flesh Color Based on Polymorphisms in the RsTT8 Gene. <i>Plants</i> , 2021, 10, 1386.	1.6	4
46	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> . <i>PeerJ</i> , 2018, 6, e6074.	0.9	4
47	Changes of Protein Patterns during Induction of the First Cell Divisions in <i>Petunia (Petunia hybrida)</i> Protoplast Cultures. <i>Journal of Plant Physiology</i> , 1994, 144, 555-561.	1.6	3
48	Phosphorylation of BIK1 is critical for interaction with downstream signaling components. <i>Genes and Genomics</i> , 2021, 43, 1269-1276.	0.5	3
49	Brassinosteroids: modes of BR action and signal transduction. <i>Journal of Plant Biology</i> , 2003, 46, 1-9.	0.9	2
50	Overexpression of a directed mutant of 14-3-3 $\epsilon$ in <i>Arabidopsis</i> leaves affects phosphorylation and protein content of nitrate reductase This 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. <i>Botany</i> , 2009, 87, 691-701.	0.5	2
51	Impact of Ca <sup>2+</sup> on structure of soybean CDPK $\epsilon^2$ and accessibility of the Tyr-24 autophosphorylation site. <i>Plant Signaling and Behavior</i> , 2013, 8, e27671.	1.2	2
52	Genome-wide analysis of brassinosteroid responsive small RNAs in <i>Arabidopsis thaliana</i> . <i>Genes and Genomics</i> , 2020, 42, 957-969.	0.5	1
53	Tyrosine phosphorylation as a signaling component for plant improvement. <i>Journal of Plant Biotechnology</i> , 2015, 42, 277-283.	0.1	1
54	IEF-2DE Analysis and Protein Identification. <i>Bio-protocol</i> , 2013, 3, .	0.2	0

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55	Functional analysis of the rice BRI1 receptor kinase. Journal of Plant Biotechnology, 2016, 43, 30-36.	0.1	0
56	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
57	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
58	Role of tyrosine autophosphorylation and methionine residues in BRI1 function in <i>Arabidopsis thaliana</i> . Genes and Genomics, 0, , .	0.5	0