

# Yanhai Yin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3853679/publications.pdf>

Version: 2024-02-01

70  
papers

11,308  
citations

57681

46  
h-index

107981

68  
g-index

75  
all docs

75  
docs citations

75  
times ranked

10598  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel method of generating RNAi libraries for high-throughput gene function analysis of creeping bentgrass. <i>Itsrsj</i> , 2022, 14, 622-631.	0.1	0
2	A cryptic inhibitor of cytokinin phosphorelay controls rice grain size. <i>Molecular Plant</i> , 2022, 15, 293-307.	3.9	22
3	Integrated omics reveal novel functions and underlying mechanisms of the receptor kinase FERONIA in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2022, 34, 2594-2614.	3.1	18
4	Interactions between autophagy and phytohormone signaling pathways in plants. <i>FEBS Letters</i> , 2022, 596, 2198-2214.	1.3	9
5	Signals   Brassinosteroids. , 2021, , 38-47.		0
6	A BIN2-GLK1 Signaling Module Integrates Brassinosteroid and Light Signaling to Repress Chloroplast Development in the Dark. <i>Developmental Cell</i> , 2021, 56, 310-324.e7.	3.1	61
7	The F-box E3 ubiquitin ligase BAF1 mediates the degradation of the brassinosteroid-activated transcription factor BES1 through selective autophagy in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2021, 33, 3532-3554.	3.1	27
8	Robotic Assay for Drought (RoAD): an automated phenotyping system for brassinosteroid and drought responses. <i>Plant Journal</i> , 2021, 107, 1837-1853.	2.8	4
9	SBES1 promotes tomato fruit softening through transcriptional inhibition of PME1. <i>IScience</i> , 2021, 24, 102926.	1.9	34
10	Integrated omics networks reveal the temporal signaling events of brassinosteroid response in <i>Arabidopsis</i> . <i>Nature Communications</i> , 2021, 12, 5858.	5.8	54
11	Identification of transcription factors that regulate <i>ATG8</i> expression and autophagy in <i>Arabidopsis</i> . <i>Autophagy</i> , 2020, 16, 123-139.	4.3	81
12	Brassinosteroids: Multidimensional Regulators of Plant Growth, Development, and Stress Responses. <i>Plant Cell</i> , 2020, 32, 295-318.	3.1	548
13	Brassinosteroid-Activated BRI1-EMS-SUPPRESSOR 1 Inhibits Flavonoid Biosynthesis and Coordinates Growth and UV-B Stress Responses in Plants. <i>Plant Cell</i> , 2020, 32, 3224-3239.	3.1	79
14	Updates on BES1/BZR1 Regulatory Networks Coordinating Plant Growth and Stress Responses. <i>Frontiers in Plant Science</i> , 2020, 11, 617162.	1.7	26
15	Brassinosteroids regulate root meristem development by mediating BIN2-UPB1 module in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2020, 16, e1008883.	1.5	48
16	Sumoylation of BRI1-EMS-SUPPRESSOR 1 (BES1) by the SUMO E3 Ligase SIZ1 Negatively Regulates Brassinosteroids Signaling in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2019, 60, 2282-2292.	1.5	24
17	GSK3-like kinase BIN2 phosphorylates RD26 to potentiate drought signaling in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2019, 100, 923-937.	2.8	87
18	Assessing plant performance in the Enviratron. <i>Plant Methods</i> , 2019, 15, 117.	1.9	13

#	ARTICLE	IF	CITATIONS
19	The AP2/ERF Transcription Factor TINY Modulates Brassinosteroid-Regulated Plant Growth and Drought Responses in Arabidopsis. <i>Plant Cell</i> , 2019, 31, 1788-1806.	3.1	153
20	AP2/ERF Transcription Factor Regulatory Networks in Hormone and Abiotic Stress Responses in Arabidopsis. <i>Frontiers in Plant Science</i> , 2019, 10, 228.	1.7	438
21	<scp>FERONIA</scp> mutation induces high levels of chloroplast-localized Arabidopsides which are involved in root growth. <i>Plant Journal</i> , 2019, 97, 341-351.	2.8	13
22	Measuring Protein Half-life in Arabidopsis thaliana. <i>Bio-protocol</i> , 2019, 9, e3318.	0.2	1
23	UVR8 Interacts with BES1 and BIM1 to Regulate Transcription and Photomorphogenesis in Arabidopsis. <i>Developmental Cell</i> , 2018, 44, 512-523.e5.	3.1	180
24	FERONIA Receptor Kinase Contributes to Plant Immunity by Suppressing Jasmonic Acid Signaling in Arabidopsis thaliana. <i>Current Biology</i> , 2018, 28, 3316-3324.e6.	1.8	154
25	Transcription factor HAT1 is a substrate of SnRK2.3 kinase and negatively regulates ABA synthesis and signaling in Arabidopsis responding to drought. <i>PLoS Genetics</i> , 2018, 14, e1007336.	1.5	92
26	Identification of Brassinosteroid Target Genes by Chromatin Immunoprecipitation Followed by High-Throughput Sequencing (ChIP-seq) and RNA-Sequencing. <i>Methods in Molecular Biology</i> , 2017, 1564, 63-79.	0.4	10
27	RD26 mediates crosstalk between drought and brassinosteroid signalling pathways. <i>Nature Communications</i> , 2017, 8, 14573.	5.8	202
28	Selective Autophagy of BES1 Mediated by DSK2 Balances Plant Growth and Survival. <i>Developmental Cell</i> , 2017, 41, 33-46.e7.	3.1	262
29	SINAT E3 Ligases Control the Light-Mediated Stability of the Brassinosteroid-Activated Transcription Factor BES1 in Arabidopsis. <i>Developmental Cell</i> , 2017, 41, 47-58.e4.	3.1	118
30	Arabidopsis WRKY46, WRKY54 and WRKY70 Transcription Factors Are Involved in Brassinosteroid-Regulated Plant Growth and Drought Response. <i>Plant Cell</i> , 2017, 29, tpc.00364.2017.	3.1	286
31	WRKY transcription factors are involved in brassinosteroid signaling and mediate the crosstalk between plant growth and drought tolerance. <i>Plant Signaling and Behavior</i> , 2017, 12, e1365212.	1.2	36
32	Brassinosteroid and gibberellin control of seedling traits in maize ( <i>Zea mays</i> L.). <i>Plant Science</i> , 2017, 263, 132-141.	1.7	25
33	Cross-talk of Brassinosteroid signaling in controlling growth and stress responses. <i>Biochemical Journal</i> , 2017, 474, 2641-2661.	1.7	183
34	Gibberellins Promote Brassinosteroids Action and Both Increase Heterosis for Plant Height in Maize ( <i>Zea mays</i> L.). <i>Frontiers in Plant Science</i> , 2017, 8, 1039.	1.7	32
35	BdVRN1 Expression Confers Flowering Competency and Is Negatively Correlated with Freezing Tolerance in <i>Brachypodium distachyon</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1107.	1.7	12
36	Light intensity affects chlorophyll synthesis during greening process by metabolite signal from mitochondrial alternative oxidase in <scp><i>Arabidopsis</i></scp>. <i>Plant, Cell and Environment</i> , 2016, 39, 12-25.	2.8	66

#	ARTICLE	IF	CITATIONS
37	Role of brassinosteroid signaling in modulating Tobacco mosaic virus resistance in <i>Nicotiana benthamiana</i> . <i>Scientific Reports</i> , 2016, 6, 20579.	1.6	67
38	Down-regulation of BdBR11, a putative brassinosteroid receptor gene produces a dwarf phenotype with enhanced drought tolerance in <i>Brachypodium distachyon</i> . <i>Plant Science</i> , 2015, 234, 163-173.	1.7	105
39	RNA Interference Knockdown of BRASSINOSTEROID INSENSITIVE1 in Maize Reveals Novel Functions for Brassinosteroid Signaling in Controlling Plant Architecture. <i>Plant Physiology</i> , 2015, 169, 826-839.	2.3	93
40	<i>QQS</i> orphan gene regulates carbon and nitrogen partitioning across species via NF-YC interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14734-14739.	3.3	109
41	Transcription factors involved in brassinosteroid repressed gene expression and their regulation by BIN2 kinase. <i>Plant Signaling and Behavior</i> , 2014, 9, e27849.	1.2	20
42	Association mapping of brassinosteroid candidate genes and plant architecture in a diverse panel of <i>Sorghum bicolor</i> . <i>Theoretical and Applied Genetics</i> , 2014, 127, 2645-2662.	1.8	31
43	Brassinosteroid Regulates Cell Elongation by Modulating Gibberellin Metabolism in Rice. <i>Plant Cell</i> , 2014, 26, 4376-4393.	3.1	589
44	Transcription factor <i>HAT1</i> is phosphorylated by <i>BIN2</i> kinase and mediates brassinosteroid repressed gene expression in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2014, 77, 59-70.	2.8	81
45	Histone Lysine Methyltransferase SDG8 Is Involved in Brassinosteroid-Regulated Gene Expression in <i>Arabidopsis thaliana</i> . <i>Molecular Plant</i> , 2014, 7, 1303-1315.	3.9	64
46	Mechanisms and networks for brassinosteroid regulated gene expression. <i>Current Opinion in Plant Biology</i> , 2013, 16, 545-553.	3.5	147
47	Brassinosteroid signaling network: implications on yield and stress tolerance. <i>Plant Cell Reports</i> , 2013, 32, 1017-1030.	2.8	80
48	MYBL2 is a substrate of GSK3-like kinase BIN2 and acts as a corepressor of BES1 in brassinosteroid signaling pathway in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20142-20147.	3.3	109
49	DWARF AND LOW-TILLERING Acts as a Direct Downstream Target of a GSK3/SHAGGY-Like Kinase to Mediate Brassinosteroid Responses in Rice. <i>Plant Cell</i> , 2012, 24, 2562-2577.	3.1	292
50	A brassinosteroid transcriptional network revealed by genome-wide identification of BES1 target genes in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2011, 65, 634-646.	2.8	565
51	Recent Advances in the Regulation of Brassinosteroid Signaling and Biosynthesis Pathways. <i>Journal of Integrative Plant Biology</i> , 2011, 53, 455-468.	4.1	112
52	Brassinosteroids control male fertility by regulating the expression of key genes involved in <i>Arabidopsis thaliana</i> anther and pollen development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6100-6105.	3.3	269
53	<i>Arabidopsis thaliana</i> IWS1 interacts with transcription factor BES1 and is involved in plant steroid hormone brassinosteroid regulated gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3918-3923.	3.3	132
54	Three related receptor-like kinases are required for optimal cell elongation in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7648-7653.	3.3	315

#	ARTICLE	IF	CITATIONS
55	A family of receptor-like kinases are regulated by BES1 and involved in plant growth in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2009, 4, 784-786.	1.2	69
56	<i>Arabidopsis</i> MYB30 is a direct target of BES1 and cooperates with BES1 to regulate brassinosteroid-induced gene expression. <i>Plant Journal</i> , 2009, 58, 275-286.	2.8	228
57	Regulation and processing of a plant peptide hormone, AtRALF23, in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2009, 59, 930-939.	2.8	174
58	DWARF AND LOW TILLERING, a new member of the GRAS family, plays positive roles in brassinosteroid signaling in rice. <i>Plant Journal</i> , 2009, 58, 803-816.	2.8	307
59	From dwarves to giants? Plant height manipulation for biomass yield. <i>Trends in Plant Science</i> , 2009, 14, 454-461.	4.3	195
60	Modulation of brassinosteroid-regulated gene expression by jumonji domain-containing proteins ELF6 and REF6 in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7618-7623.	3.3	296
61	A New Class of Transcription Factors Mediates Brassinosteroid-Regulated Gene Expression in <i>Arabidopsis</i> . <i>Cell</i> , 2005, 120, 249-259.	13.5	709
62	Heterodimerization and Endocytosis of <i>Arabidopsis</i> Brassinosteroid Receptors BRI1 and AtSERK3 (BAK1). <i>Plant Cell</i> , 2004, 16, 3216-3229.	3.1	444
63	BRL1 and BRL3 are novel brassinosteroid receptors that function in vascular differentiation in <i>Arabidopsis</i> . <i>Development (Cambridge)</i> , 2004, 131, 5341-5351.	1.2	495
64	Nuclear protein phosphatases with Kelch-repeat domains modulate the response to brassinosteroids in <i>Arabidopsis</i> . <i>Genes and Development</i> , 2004, 18, 448-460.	2.7	341
65	Plant receptor kinases: Systemin receptor identified. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 9090-9092.	3.3	52
66	A crucial role for the putative <i>Arabidopsis</i> topoisomerase VI in plant growth and development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10191-10196.	3.3	120
67	BES1 Accumulates in the Nucleus in Response to Brassinosteroids to Regulate Gene Expression and Promote Stem Elongation. <i>Cell</i> , 2002, 109, 181-191.	13.5	1,124
68	Promoter elements required for phloem-specific gene expression from the RTBV promoter in rice. <i>Plant Journal</i> , 1997, 12, 1179-1188.	2.8	87
69	The regulatory regions of the rice tungro bacilliform virus promoter and interacting nuclear factors in rice ( <i>Oryza sativa</i> L.). <i>Plant Journal</i> , 1995, 7, 969-980.	2.8	64
70	Fertile plants regenerated from suspension culture-derived protoplasts of an indica type rice ( <i>Oryza</i> )	2.2	16