

Xiaopeng Yu

List of Publications by Year in descending order

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59
papers

3,520
citations

159358

30
h-index

149479

56
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60
all docs

60
docs citations

60
times ranked

4850
citing authors

#	ARTICLE	IF	CITATIONS
1	OsRLR4 binds to the <i>OsAUX1</i> promoter to negatively regulate primary root development in rice. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 118-134.	4.1	7
2	Biphasic control of cell expansion by auxin coordinates etiolated seedling development. <i>Science Advances</i> , 2022, 8, eabj1570.	4.7	19
3	Alternative transcription and feedback regulation suggest that <i>SlIDI1</i> is involved in tomato carotenoid synthesis in a complex way.. <i>Horticulture Research</i> , 2022, 9, .	2.9	10
4	WRKY33-mediated indolic glucosinolate metabolic pathway confers resistance against <i>Alternaria brassicicola</i> in <i>Arabidopsis</i> and <i>Brassica</i> crops. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 1007-1019.	4.1	21
5	Mediator complex subunit MED25 physically interacts with DST to regulate spikelet number in rice. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 871-883.	4.1	9
6	Identification of Genes Involved in Root Growth Inhibition Under Lead Stress by Transcriptome Profiling in <i>Arabidopsis</i> . <i>Plant Molecular Biology Reporter</i> , 2021, 39, 50-59.	1.0	10
7	Coordinated cytokinin signaling and auxin biosynthesis mediates arsenate-induced root growth inhibition. <i>Plant Physiology</i> , 2021, 185, 1166-1181.	2.3	16
8	Mediator tail module subunits MED16 and MED25 differentially regulate abscisic acid signaling in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2021, 63, 802-815.	4.1	23
9	SlBES1 promotes tomato fruit softening through transcriptional inhibition of PME1. <i>iScience</i> , 2021, 24, 102926.	1.9	34
10	Overexpression of <i>FBR41</i> enhances resistance to sphinganine analog mycotoxin-induced cell death and <i>Alternaria</i> stem canker in tomato. <i>Plant Biotechnology Journal</i> , 2020, 18, 141-154.	4.1	17
11	A Transcriptional Network Promotes Anthocyanin Biosynthesis in Tomato Flesh. <i>Molecular Plant</i> , 2020, 13, 42-58.	3.9	149
12	Mediator Subunit MED25 Couples Alternative Splicing of <i>JAZ</i> Genes with Fine-Tuning of Jasmonate Signaling. <i>Plant Cell</i> , 2020, 32, 429-448.	3.1	64
13	Mediator subunit MED25: at the nexus of jasmonate signaling. <i>Current Opinion in Plant Biology</i> , 2020, 57, 78-86.	3.5	39
14	Mediator Subunit MED25 Physically Interacts with PHYTOCHROME INTERACTING FACTOR4 to Regulate Shade-Induced Hypocotyl Elongation in Tomato. <i>Plant Physiology</i> , 2020, 184, 1549-1562.	2.3	31
15	O3-Induced Priming Defense Associated With the Abscisic Acid Signaling Pathway Enhances Plant Resistance to <i>Bemisia tabaci</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 93.	1.7	17
16	The <i>Arabidopsis</i> Nodulin Homeobox Factor AtNDX Interacts with AtRING1A/B and Negatively Regulates Abscisic Acid Signaling. <i>Plant Cell</i> , 2020, 32, 703-721.	3.1	29
17	<i>Oryza sativa</i> mediator subunit OsMED25 interacts with OsBZR1 to regulate brassinosteroid signaling and plant architecture in rice. <i>Journal of Integrative Plant Biology</i> , 2020, 62, 793-811.	4.1	24
18	A biotechnology-based male sterility system for hybrid seed production in tomato. <i>Plant Journal</i> , 2020, 102, 1090-1100.	2.8	52

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19	SEUSS integrates transcriptional and epigenetic control of root stem cell organizer specification. <i>EMBO Journal</i> , 2020, 39, e105047.	3.5	28
20	Insect Feeding Assays with <i>Spodoptera exigua</i> on <i>Arabidopsis thaliana</i> . <i>Bio-protocol</i> , 2020, 10, e3538.	0.2	2
21	LEUNIG_HOMOLOG Mediates MYC2-Dependent Transcriptional Activation in Cooperation with the Coactivators HAC1 and MED25. <i>Plant Cell</i> , 2019, 31, 2187-2205.	3.1	51
22	Rapid breeding of pink-fruited tomato hybrids using the CRISPR/Cas9 system. <i>Journal of Genetics and Genomics</i> , 2019, 46, 505-508.	1.7	26
23	MED25 connects enhancer-promoter looping and MYC2-dependent activation of jasmonate signalling. <i>Nature Plants</i> , 2019, 5, 616-625.	4.7	82
24	The plant Mediator complex and its role in jasmonate signaling. <i>Journal of Experimental Botany</i> , 2019, 70, 3415-3424.	2.4	55
25	A Jasmonate Signaling Network Activates Root Stem Cells and Promotes Regeneration. <i>Cell</i> , 2019, 177, 942-956.e14.	13.5	233
26	Variation in both host defense and prior herbivory can alter plant-vector-virus interactions. <i>BMC Plant Biology</i> , 2019, 19, 556.	1.6	10
27	The auxin influx carrier, OsAUX3, regulates rice root development and responses to aluminium stress. <i>Plant, Cell and Environment</i> , 2019, 42, 1125-1138.	2.8	57
28	MYC2 Regulates the Termination of Jasmonate Signaling via an Autoregulatory Negative Feedback Loop. <i>Plant Cell</i> , 2019, 31, 106-127.	3.1	173
29	<i>BIG</i> regulates stomatal immunity and jasmonate production in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2019, 222, 335-348.	3.5	24
30	Expression of tomato prosystemin gene in <i>Arabidopsis</i> reveals systemic translocation of its mRNA and confers necrotrophic fungal resistance. <i>New Phytologist</i> , 2018, 217, 799-812.	3.5	39
31	Efficient generation of pink-fruited tomatoes using CRISPR/Cas9 system. <i>Journal of Genetics and Genomics</i> , 2018, 45, 51-54.	1.7	97
32	Mediator subunit MED31 is required for radial patterning of <i>Arabidopsis</i> roots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5624-E5633.	3.3	26
33	O ₃ -Induced Leaf Senescence in Tomato Plants Is Ethylene Signaling-Dependent and Enhances the Population Abundance of <i>Bemisia tabaci</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 764.	1.7	7
34	Brassinosteroids regulate root growth by controlling reactive oxygen species homeostasis and dual effect on ethylene synthesis in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2018, 14, e1007144.	1.5	152
35	Mediator subunit MED25 links the jasmonate receptor to transcriptionally active chromatin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8930-E8939.	3.3	135
36	Mechanical regulation of organ asymmetry in leaves. <i>Nature Plants</i> , 2017, 3, 724-733.	4.7	110

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37	UBIQUITIN-SPECIFIC PROTEASE 14 interacts with ULTRAVIOLET-B INSENSITIVE 4 to regulate endoreduplication and cell and organ growth in Arabidopsis. <i>Plant Cell</i> , 2016, 28, tpc.00007.2016.	3.1	35
38	Differential Regulation of Clathrin and Its Adaptor Proteins during Membrane Recruitment for Endocytosis. <i>Plant Physiology</i> , 2016, 171, 215-229.	2.3	56
39	Elevated O ₃ increases volatile organic compounds via jasmonic acid pathway that promote the preference of parasitoid <i>Encarsia formosa</i> for tomato plants. <i>Plant Science</i> , 2016, 253, 243-250.	1.7	9
40	Auxin-dependent compositional change in Mediator in ARF7- and ARF19-mediated transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6562-6567.	3.3	93
41	RGF1 INSENSITIVE 1 to 5, a group of LRR receptor-like kinases, are essential for the perception of root meristem growth factor 1 in <i>Arabidopsis thaliana</i> . <i>Cell Research</i> , 2016, 26, 686-698.	5.7	144
42	Cellular and molecular insight into the inhibition of primary root growth of <i>Arabidopsis</i> induced by peptaibols, a class of linear peptide antibiotics mainly produced by <i>Trichoderma</i> spp.. <i>Journal of Experimental Botany</i> , 2016, 67, 2191-2205.	2.4	42
43	Toward a Molecular Understanding of Plant Hormone Actions. <i>Molecular Plant</i> , 2016, 9, 1-3.	3.9	7
44	The auxin transporter, OsAUX1, is involved in primary root and root hair elongation and in Cd stress responses in rice (<i>Oryza sativa</i> L.). <i>Plant Journal</i> , 2015, 83, 818-830.	2.8	144
45	A coherent transcriptional feed-forward motif model for mediating auxin-sensitive PIN3 expression during lateral root development. <i>Nature Communications</i> , 2015, 6, 8821.	5.8	70
46	Toward Understanding the Stem-Cell Origin and Molecular Regulation of Rice Tillering. <i>Journal of Genetics and Genomics</i> , 2015, 42, 47-48.	1.7	3
47	Elevated ozone induces jasmonic acid defense of tomato plants and reduces midgut proteinase activity in <i>Helicoverpa armigera</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2015, 154, 188-198.	0.7	7
48	Transcriptional Mechanism of Jasmonate Receptor COI1-Mediated Delay of Flowering Time in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2015, 27, tpc.15.00619.	3.1	177
49	Suppression of Photosynthetic Gene Expression in Roots Is Required for Sustained Root Growth under Phosphate Deficiency. <i>Plant Physiology</i> , 2014, 165, 1156-1170.	2.3	71
50	OsMOGS is required for N-glycan formation and auxin-mediated root development in rice (<i>Oryza sativa</i> L.). <i>Plant Journal</i> , 2014, 78, 632-645.	2.8	45
51	Closely Related NAC Transcription Factors of Tomato Differentially Regulate Stomatal Closure and Reopening during Pathogen Attack. <i>Plant Cell</i> , 2014, 26, 3167-3184.	3.1	153
52	The Rice Semi-Dwarf Mutant sd37, Caused by a Mutation in CYP96B4, Plays an Important Role in the Fine-Tuning of Plant Growth. <i>PLoS ONE</i> , 2014, 9, e88068.	1.1	32
53	Role of Tomato Lipoxigenase D in Wound-Induced Jasmonate Biosynthesis and Plant Immunity to Insect Herbivores. <i>PLoS Genetics</i> , 2013, 9, e1003964.	1.5	166
54	<i>Arabidopsis thaliana</i> plants differentially modulate auxin biosynthesis and transport during defense responses to the necrotrophic pathogen <i>Alternaria brassicicola</i> . <i>New Phytologist</i> , 2012, 195, 872-882.	3.5	107

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55	Elevated O ₃ reduces the fitness of <i>Bemisia tabaci</i> via enhancement of the SA-dependent defense of the tomato plant. <i>Arthropod-Plant Interactions</i> , 2012, 6, 425-437.	0.5	22
56	Jasmonate modulates endocytosis and plasma membrane accumulation of the Arabidopsis PIN2 protein. <i>New Phytologist</i> , 2011, 191, 360-375.	3.5	131
57	Toward understanding the molecular mechanisms governing plant hormone actions: A brief introduction to the major research program "Molecular mechanisms of plant hormone actions" funded by the national natural science foundation of china (NSFC). <i>Science Bulletin</i> , 2010, 55, 2197-2197.	1.7	4
58	Identification and Characterization of Bmi-1-responding Element within the Human p16 Promoter*. <i>Journal of Biological Chemistry</i> , 2010, 285, 33219-33229.	1.6	51
59	A Snapshot of the Emerging Tomato Genome Sequence. <i>Plant Genome</i> , 2009, 2, .	1.6	73