

SAUR Inhibition of PP2C-D Phosphatases Activates Plasma Cell Expansion in *Arabidopsis*

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Root Hair <i>Infected</i> of <i>Medicago truncatula</i> Uncovers Changes in Cell Cycle Genes and Reveals a Requirement for Auxin Signaling in Rhizobial Infection. <i>Plant Cell</i> , 2014, 26, 4680-4701.	3.1	313
2	SAUR19 Links Auxin and Plasma Membrane H ⁺ -ATPases in Cell Expansion. <i>Plant Cell</i> , 2014, 26, 1835-1835.	3.1	7
3	Plasma membrane H ⁺ -ATPase regulation is required for auxin gradient formation preceding phototropic growth. <i>Molecular Systems Biology</i> , 2014, 10, 751.	3.2	54
4	Multiple Roles of the Plasma Membrane H ⁺ -ATPase and Its Regulation. <i>The Enzymes</i> , 2014, 35, 191-211.	0.7	9
6	Strategies of seedlings to overcome their sessile nature: auxin in mobility control. <i>Frontiers in Plant Science</i> , 2015, 6, 218.	1.7	35
7	The Arabidopsis RNA-Binding Protein AtRGA Regulates Tolerance to Salt and Drought Stress. <i>Plant Physiology</i> , 2015, 168, 292-306.	2.3	63
8	A mechanism of growth inhibition by abscisic acid in germinating seeds of <i>Arabidopsis thaliana</i> based on inhibition of plasma membrane H ⁺ -ATPase and decreased cytosolic pH, K ⁺ , and anions. <i>Journal of Experimental Botany</i> , 2015, 66, 813-825.	2.4	71
9	Plasma membrane H ⁺ -ATPase is involved in methyl jasmonate-induced root hair formation in lettuce (<i>Lactuca sativa</i> L.) seedlings. <i>Plant Cell Reports</i> , 2015, 34, 1025-1036.	2.8	7
10	SAUR Proteins as Effectors of Hormonal and Environmental Signals in Plant Growth. <i>Molecular Plant</i> , 2015, 8, 1153-1164.	3.9	386
11	A Genome-Wide Chronological Study of Gene Expression and Two Histone Modifications, H3K4me3 and H3K9ac, during Developmental Leaf Senescence. <i>Plant Physiology</i> , 2015, 168, 1246-1261.	2.3	111
12	Potential regulatory phosphorylation sites in a <i>Medicago truncatula</i> plasma membrane proton pump implicated during early symbiotic signaling in roots. <i>FEBS Letters</i> , 2015, 589, 2186-2193.	1.3	9
13	Shade Avoidance Components and Pathways in Adult Plants Revealed by Phenotypic Profiling. <i>PLoS Genetics</i> , 2015, 11, e1004953.	1.5	76
14	Differential growth regulation in plants – the acid growth balloon theory. <i>Current Opinion in Plant Biology</i> , 2015, 28, 55-59.	3.5	51
15	Gene expression profile of <i>zeitlupe/lov kelch protein1</i> T-DNA insertion mutants in <i>Arabidopsis thaliana</i> : Downregulation of auxin-inducible genes in hypocotyls. <i>Plant Signaling and Behavior</i> , 2015, 10, e1071752.	1.2	6
16	New insights in shoot apical meristem morphogenesis: Isotropy comes into play. <i>Plant Signaling and Behavior</i> , 2015, 10, e1000150.	1.2	4
17	Regulation of the plasma membrane proton pump (H ⁺ -ATPase) by phosphorylation. <i>Current Opinion in Plant Biology</i> , 2015, 28, 68-75.	3.5	142
18	The Arabidopsis Protein Phosphatase PP2C38 Negatively Regulates the Central Immune Kinase BIK1. <i>PLoS Pathogens</i> , 2016, 12, e1005811.	2.1	113
19	Two Subclasses of Differentially Expressed TPS1 Genes and Biochemically Active TPS1 Proteins May Contribute to Sugar Signalling in Kiwifruit <i>Actinidia chinensis</i> . <i>PLoS ONE</i> , 2016, 11, e0168075.	1.1	4

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20	Genome-Wide Analysis of Gene Regulatory Networks of the FVE-HDA6-FLD Complex in Arabidopsis. <i>Frontiers in Plant Science</i> , 2016, 7, 555.	1.7	37
21	Transcription of TIR1-Controlled Genes Can be Regulated within 10 Min by an Auxin-Induced Process. Can TIR1 be the Receptor?. <i>Frontiers in Plant Science</i> , 2016, 7, 995.	1.7	1
22	Reactive Oxygen Species (ROS): Beneficial Companions of Plants' Developmental Processes. <i>Frontiers in Plant Science</i> , 2016, 7, 1299.	1.7	261
23	Catalysts of plant cell wall loosening. <i>F1000Research</i> , 2016, 5, 119.	0.8	179
24	The epidermis coordinates auxin-induced stem growth in response to shade. <i>Genes and Development</i> , 2016, 30, 1529-1541.	2.7	99
25	ROS Regulation of Polar Growth in Plant Cells. <i>Plant Physiology</i> , 2016, 171, 1593-1605.	2.3	106
26	Neighbor Detection Induces Organ-Specific Transcriptomes, Revealing Patterns Underlying Hypocotyl-Specific Growth. <i>Plant Cell</i> , 2016, 28, 2889-2904.	3.1	128
27	A novel Arabidopsis miRNA, ath-miR38-3P, is involved in response to Sclerotinia sclerotiorum infection. <i>Journal of Integrative Agriculture</i> , 2016, 15, 2556-2562.	1.7	1
28	Photosynthesis Activates Plasma Membrane H ⁺ -ATPase via Sugar Accumulation. <i>Plant Physiology</i> , 2016, 171, 580-589.	2.3	69
29	Identification of small auxin-up RNA (SAUR) genes in Urticales plants: mulberry (<i>Morus notabilis</i>), hemp (<i>Cannabis sativa</i>) and ramie (<i>Boehmeria nivea</i>). <i>Journal of Genetics</i> , 2016, 95, 119-129.	0.4	20
30	Arabidopsis SAURs are critical for differential light regulation of the development of various organs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6071-6076.	3.3	127
31	Molecular basis for differential light responses in Arabidopsis stems and leaves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5774-5776.	3.3	5
32	The Effects of High Steady State Auxin Levels on Root Cell Elongation in Brachypodium. <i>Plant Cell</i> , 2016, 28, 1009-1024.	3.1	65
33	Expression of a constitutively activated plasma membrane H ⁺ -ATPase in <i>Nicotiana tabacum</i> BY-2 cells results in cell expansion. <i>Planta</i> , 2016, 244, 1109-1124.	1.6	14
34	The Regulation of Plant Cell Expansion: Auxin-Induced Turgor-Driven Cell Elongation. , 2016, , 156-173.		3
35	Macromolecular recognition directs calcium ions to coccolith mineralization sites. <i>Science</i> , 2016, 353, 590-593.	6.0	86
36	Circadian regulation of sunflower heliotropism, floral orientation, and pollinator visits. <i>Science</i> , 2016, 353, 587-590.	6.0	187
37	Auxin Influx Carrier AUX1 Confers Acid Resistance for Arabidopsis Root Elongation Through the Regulation of Plasma Membrane H ⁺ -ATPase. <i>Plant and Cell Physiology</i> , 2016, 57, 2194-2201.	1.5	40

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38	SUPPRESSOR OF PHYTOCHROME B4-#3 Represses Genes Associated with Auxin Signaling to Modulate Hypocotyl Growth. <i>Plant Physiology</i> , 2016, 171, 2701-2716.	2.3	30
39	<i>Trichoderma asperellum</i> Induces Maize Seedling Growth by Activating the Plasma Membrane H ⁺ -ATPase. <i>Molecular Plant-Microbe Interactions</i> , 2016, 29, 797-806.	1.4	32
40	Molecular and genetic control of plant thermomorphogenesis. <i>Nature Plants</i> , 2016, 2, 15190.	4.7	432
41	<i>Oryza sativa</i> H ⁺ -ATPase (OSA) is Involved in the Regulation of Dumbbell-Shaped Guard Cells of Rice. <i>Plant and Cell Physiology</i> , 2016, 57, 1220-1230.	1.5	37
42	Plasma Membrane H ⁺ -ATPase Regulation in the Center of Plant Physiology. <i>Molecular Plant</i> , 2016, 9, 323-337.	3.9	391
43	Auxin and Cellular Elongation. <i>Plant Physiology</i> , 2016, 170, 1206-1215.	2.3	87
44	Enhancement of hypocotyl elongation by LOV KELCH PROTEIN2 production is mediated by auxin and phytochrome-interacting factors in <i>Arabidopsis thaliana</i> . <i>Plant Cell Reports</i> , 2016, 35, 455-467.	2.8	11
45	Plant protein phosphatases 2C: from genomic diversity to functional multiplicity and importance in stress management. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 1023-1035.	5.1	87
46	Avirulence gene mapping in the Hessian fly (<i>Mayetiola destructor</i>) reveals a protein phosphatase 2C effector gene family. <i>Journal of Insect Physiology</i> , 2016, 84, 22-31.	0.9	43
47	Good and bad protons: genetic aspects of acidity stress responses in plants. <i>Journal of Experimental Botany</i> , 2016, 67, 15-30.	2.4	69
48	An ecophysiological and developmental perspective on variation in vessel diameter. <i>Plant, Cell and Environment</i> , 2017, 40, 831-845.	2.8	199
49	Genome-wide analysis and expression characteristics of small auxin-up RNA (SAUR) genes in moso bamboo (<i>Phyllostachys edulis</i>). <i>Genome</i> , 2017, 60, 325-336.	0.9	22
50	Genome-wide identification of SAUR genes in watermelon (<i>Citrullus lanatus</i>). <i>Physiology and Molecular Biology of Plants</i> , 2017, 23, 619-628.	1.4	29
51	Mass Spectrometric Analyses Reveal a Central Role for Ubiquitylation in Remodeling the <i>Arabidopsis</i> Proteome during Photomorphogenesis. <i>Molecular Plant</i> , 2017, 10, 846-865.	3.9	31
52	Blue Light Regulation of Stomatal Opening and the Plasma Membrane H ⁺ -ATPase. <i>Plant Physiology</i> , 2017, 174, 531-538.	2.3	181
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54	The Membrane Transport System of the Guard Cell and Its Integration for Stomatal Dynamics. <i>Plant Physiology</i> , 2017, 174, 487-519.	2.3	231
55	A Raf-like protein kinase BHP mediates blue light-dependent stomatal opening. <i>Scientific Reports</i> , 2017, 7, 45586.	1.6	55

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56	Cellulose Synthesis and Cell Expansion Are Regulated by Different Mechanisms in Growing Arabidopsis Hypocotyls. <i>Plant Cell</i> , 2017, 29, 1305-1315.	3.1	67
57	Auxin steers root cell expansion via apoplastic pH regulation in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4884-E4893.	3.3	250
58	The small auxin-up RNA OsSAUR45 affects auxin synthesis and transport in rice. <i>Plant Molecular Biology</i> , 2017, 94, 97-107.	2.0	67
59	Molecular networks orchestrating plant cell growth. <i>Current Opinion in Plant Biology</i> , 2017, 35, 98-104.	3.5	29
60	Constitutive Expression of Arabidopsis <i>SMALL AUXIN UP RNA19</i> (<i>SAUR19</i>) in Tomato Confers Auxin-Independent Hypocotyl Elongation. <i>Plant Physiology</i> , 2017, 173, 1453-1462.	2.3	67
61	Brassinosteroid signaling converges with SUPPRESSOR OF PHYTOCHROME B4 to influence the expression of <i>SMALL AUXIN UP RNA</i> genes and hypocotyl growth. <i>Plant Journal</i> , 2017, 89, 1133-1145.	2.8	40
62	FRUITFULL controls SAUR10 expression and regulates Arabidopsis growth and architecture. <i>Journal of Experimental Botany</i> , 2017, 68, 3391-3403.	2.4	79
63	Members of the abscisic acid co-receptor <i>PP2C</i> protein family mediate salicylic acid-abscisic acid crosstalk. <i>Plant Direct</i> , 2017, 1, e00020.	0.8	55
64	Click chemistry-based tracking reveals putative cell wall-located auxin binding sites in expanding cells. <i>Scientific Reports</i> , 2017, 7, 15988.	1.6	13
65	The pH of the Apoplast: Dynamic Factor with Functional Impact Under Stress. <i>Molecular Plant</i> , 2017, 10, 1371-1386.	3.9	139
66	Auxin, microtubules, and vesicle trafficking: conspirators behind the cell wall. <i>Journal of Experimental Botany</i> , 2017, 68, 3321-3329.	2.4	29
67	Comparative Analysis of Expression Profiles of Panicle Development among Tolerant and Sensitive Rice in Response to Drought Stress. <i>Frontiers in Plant Science</i> , 2017, 08, 437.	1.7	19
68	Plants under Stress: Involvement of Auxin and Cytokinin. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1427.	1.8	250
69	Divergent regulation of Arabidopsis SAUR genes: a focus on the SAUR10-clade. <i>BMC Plant Biology</i> , 2017, 17, 245.	1.6	60
70	A genome-wide analysis of the small auxin-up RNA (SAUR) gene family in cotton. <i>BMC Genomics</i> , 2017, 18, 815.	1.2	47
71	Molecular Mechanism of Plant Gravitropism. <i>Kagaku To Seibutsu</i> , 2017, 55, 624-630.	0.0	0
72	Time-Course Transcriptomics Analysis Reveals Key Responses of Submerged Deepwater Rice to Flooding. <i>Plant Physiology</i> , 2018, 176, 3081-3102.	2.3	64
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74	Manipulation and Sensing of Auxin Metabolism, Transport and Signaling. <i>Plant and Cell Physiology</i> , 2018, 59, 1500-1510.	1.5	34
75	Identification and Characterization of Compounds that Affect Stomatal Movements. <i>Plant and Cell Physiology</i> , 2018, 59, 1568-1580.	1.5	34
76	Chemical hijacking of auxin signaling with an engineered auxinâ€“TIR1 pair. <i>Nature Chemical Biology</i> , 2018, 14, 299-305.	3.9	107
77	Acid growth: an ongoing trip. <i>Journal of Experimental Botany</i> , 2018, 69, 137-146.	2.4	86
78	Loss of a highly conserved sterile alpha motif domain gene (<i>WEEP</i>) results in pendulous branch growth in peach trees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4690-E4699.	3.3	52
79	How Does pH Fit in with Oscillating Polar Growth?. <i>Trends in Plant Science</i> , 2018, 23, 479-489.	4.3	33
80	Polar auxin transport is implicated in vessel differentiation and spatial patterning during secondary growth in <i>Populus</i> . <i>American Journal of Botany</i> , 2018, 105, 186-196.	0.8	32
81	Environmental and Genetic Factors Regulating Localization of the Plant Plasma Membrane H ⁺ -ATPase. <i>Plant Physiology</i> , 2018, 176, 364-377.	2.3	37
82	Function of the auxin-responsive gene TaSAUR75 under salt and drought stress. <i>Crop Journal</i> , 2018, 6, 181-190.	2.3	83
83	Coumarin enhances nitrate uptake in maize roots through modulation of plasma membrane H ⁺ -ATPase activity. <i>Plant Biology</i> , 2018, 20, 390-398.	1.8	19
84	Genome-wide analysis and expression profiling of PP2C clade D under saline and alkali stresses in wild soybean and <i>Arabidopsis</i> . <i>Protoplasma</i> , 2018, 255, 643-654.	1.0	35
85	Growth-mediated plant movements: hidden in plain sight. <i>Current Opinion in Plant Biology</i> , 2018, 41, 89-94.	3.5	45
86	Auxin Signaling. <i>Plant Physiology</i> , 2018, 176, 465-479.	2.3	476
87	SAUR53 regulates organ elongation and apical hook development in <i>Arabidopsis</i> . <i>Plant Signaling and Behavior</i> , 2018, 13, e1514896.	1.2	21
88	SMALL AUXIN UP RNA62/75 Are Required for the Translation of Transcripts Essential for Pollen Tube Growth. <i>Plant Physiology</i> , 2018, 178, 626-640.	2.3	21
89	Integrated Analysis of Transcriptomic and Proteomics Data Reveals the Induction Effects of Rotenoid Biosynthesis of <i>Mirabilis himalaica</i> Caused by UV-B Radiation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3324.	1.8	6
90	Phenotypic Characterization, Fine Mapping, and Altered Expression Profiling of <i>Roses1</i> Mutation That Affects Organ Size and Water Loss Through Regulating Stomatal Density in Rice. <i>Crop Science</i> , 2018, 58, 486-506.	0.8	4
91	Identification of Major QTLs Associated With First Pod Height and Candidate Gene Mining in Soybean. <i>Frontiers in Plant Science</i> , 2018, 9, 1280.	1.7	27

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92	Plasma membrane H ⁺ -ATPase activity and graft success of breadfruit (<i>Artocarpus altilis</i>) onto interspecific rootstocks of marang (<i>A. odoratissimus</i>) and pedalai (<i>A. sericarpus</i>). <i>Plant Biology</i> , 2018, 20, 978-985.	1.8	6
93	14-3-3 Proteins in Plant Hormone Signaling: Doing Several Things at Once. <i>Frontiers in Plant Science</i> , 2018, 9, 297.	1.7	124
94	The Role of Auxin in Cell Wall Expansion. <i>International Journal of Molecular Sciences</i> , 2018, 19, 951.	1.8	285
95	Location Matters: Canopy Light Responses over Spatial Scales. <i>Trends in Plant Science</i> , 2018, 23, 865-873.	4.3	18
96	Genome-wide analysis of poplar SAUR gene family and expression profiles under cold, polyethylene glycol and indole-3-acetic acid treatments. <i>Plant Physiology and Biochemistry</i> , 2018, 128, 50-65.	2.8	31
97	Apple fruit acidity is genetically diversified by natural variations in three hierarchical epistatic genes: <i>MdSAUR37</i> , <i>MdPP2CH</i> and <i>MdALMTII</i> . <i>Plant Journal</i> , 2018, 95, 427-443.	2.8	71
98	Auxin Contributes to the Intraorgan Regulation of Gene Expression in Response to Shade. <i>Plant Physiology</i> , 2018, 177, 847-862.	2.3	12
99	A subset of plasma membrane-localized PP2C.D phosphatases negatively regulate SAUR-mediated cell expansion in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2018, 14, e1007455.	1.5	92
100	Comparative Transcriptome Analysis of Waterlogging-Sensitive and Tolerant Zombi Pea (<i>Vigna</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 42 Plants, 2019, 8, 264.	1.6	26
101	The flip side of phospho-signalling: Regulation of protein dephosphorylation and the protein phosphatase 2Cs. <i>Plant, Cell and Environment</i> , 2019, 42, 2913-2930.	2.8	42
102	Reorientation of Cortical Microtubule Arrays in the Hypocotyl of <i>Arabidopsis thaliana</i> Is Induced by the Cell Growth Process and Independent of Auxin Signaling. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3337.	1.8	31
103	Identification and Expression of SAUR Genes in the CAM Plant <i>Agave</i> . <i>Genes</i> , 2019, 10, 555.	1.0	11
104	Molecular evolution and lineage-specific expansion of the PP2C family in <i>Zea mays</i> . <i>Planta</i> , 2019, 250, 1521-1538.	1.6	51
105	Auxin-Dependent Cell Elongation During the Shade Avoidance Response. <i>Frontiers in Plant Science</i> , 2019, 10, 914.	1.7	53
106	Narrow leaf 1 (NAL1) regulates leaf shape by affecting cell expansion in rice (<i>Oryza sativa</i> L.). <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 957-962.	1.0	28
107	Analysis of gene co-expression networks of phosphate starvation and aluminium toxicity responses in <i>Populus</i> spp.. <i>PLoS ONE</i> , 2019, 14, e0223217.	1.1	7
108	Genome-wide analysis, transcription factor network approach and gene expression profile of GH3 genes over early somatic embryogenesis in <i>Coffea</i> spp. <i>BMC Genomics</i> , 2019, 20, 812.	1.2	12
109	cis-Cinnamic acid is a natural plant growth-promoting compound. <i>Journal of Experimental Botany</i> , 2019, 70, 6293-6304.	2.4	31

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110	Transcriptomic and phosphoproteomic profiling and metabolite analyses reveal the mechanism of NaHCO ₃ -induced organic acid secretion in grapevine roots. <i>BMC Plant Biology</i> , 2019, 19, 383.	1.6	30
111	Dark, Light, and Temperature: Key Players in Plant Morphogenesis. <i>Plant Physiology</i> , 2019, 180, 1793-1802.	2.3	23
112	The Systemin Signaling Cascade As Derived from Time Course Analyses of the Systemin-responsive Phosphoproteome*. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1526-1542.	2.5	26
113	Role of auxin homeostasis and response in nitrogen limitation and dark stimulation of adventitious root formation in petunia cuttings. <i>Annals of Botany</i> , 2019, 124, 1053-1066.	1.4	28
114	Natural Variations at TIG1 Encoding a TCP Transcription Factor Contribute to Plant Architecture Domestication in Rice. <i>Molecular Plant</i> , 2019, 12, 1075-1089.	3.9	70
115	Auxin and Cell Wall Crosstalk as Revealed by the Arabidopsis thaliana Cellulose Synthase Mutant Radially Swollen 1. <i>Plant and Cell Physiology</i> , 2019, 60, 1487-1503.	1.5	13
116	Hypocotyl Elongation: A Molecular Mechanism for the First Event in Plant Growth That Influences Its Physiology. <i>Plant and Cell Physiology</i> , 2019, 60, 933-934.	1.5	7
117	Molecular and Environmental Regulation of Root Development. <i>Annual Review of Plant Biology</i> , 2019, 70, 465-488.	8.6	224
118	Extracellular matrix sensing by <i>FERONIA</i> and Leucine-Rich Repeat Extensins controls vacuolar expansion during cellular elongation in <i>Arabidopsis thaliana</i> . <i>EMBO Journal</i> , 2019, 38, .	3.5	158
119	The Ca ²⁺ Sensor SCA ₃ /CBL7 Modulates Plasma Membrane H ⁺ -ATPase Activity and Promotes Alkali Tolerance in Arabidopsis. <i>Plant Cell</i> , 2019, 31, 1367-1384.	3.1	106
120	Thermomorphogenesis. <i>Annual Review of Plant Biology</i> , 2019, 70, 321-346.	8.6	232
121	Mutation of a Conserved Motif of PP2C.D Phosphatases Confers SAUR Immunity and Constitutive Activity. <i>Plant Physiology</i> , 2019, 181, 353-366.	2.3	29
122	<i>Arabidopsis</i> H ⁺ -ATPase AHA1 controls slow wave potential duration and wound-response jasmonate pathway activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20226-20231.	3.3	62
123	TaSAUR78 enhances multiple abiotic stress tolerance by regulating the interacting gene TaVDAC1. <i>Journal of Integrative Agriculture</i> , 2019, 18, 2682-2690.	1.7	15
125	CSN5A Subunit of COP9 Signalosome Temporally Buffers Response to Heat in Arabidopsis. <i>Biomolecules</i> , 2019, 9, 805.	1.8	10
126	The SAUR gene family: the plant's toolbox for adaptation of growth and development. <i>Journal of Experimental Botany</i> , 2019, 70, 17-27.	2.4	182
127	On hormonal regulation of the dynamic apical hook development. <i>New Phytologist</i> , 2019, 222, 1230-1234.	3.5	31
128	BRASSINOSTEROID-SIGNALING KINASE 3, a plasma membrane-associated scaffold protein involved in early brassinosteroid signaling. <i>PLoS Genetics</i> , 2019, 15, e1007904.	1.5	76

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129	Brassinosteroid Induces Phosphorylation of the Plasma Membrane H ⁺ -ATPase during Hypocotyl Elongation in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2019, 60, 935-944.	1.5	46
130	The SUMO E3 Ligase MdsIZ1 Targets MdbHLH104 to Regulate Plasma Membrane H ⁺ -ATPase Activity and Iron Homeostasis. <i>Plant Physiology</i> , 2019, 179, 88-106.	2.3	71
131	The <i>RIN</i> -regulated Small Auxin-UP RNA SAUR69 is involved in the unripe-to-ripe phase transition of tomato fruit via enhancement of the sensitivity to ethylene. <i>New Phytologist</i> , 2019, 222, 820-836.	3.5	43
132	Aluminum-induced high IAA concentration may explain the Al susceptibility in <i>Citrus limonia</i> . <i>Plant Growth Regulation</i> , 2019, 87, 123-137.	1.8	20
133	Protein phosphatases potentially associated with regulation of microtubules, their spatial structure reconstruction and analysis. <i>Cell Biology International</i> , 2019, 43, 1081-1090.	1.4	8
134	Transcriptome Characterization of Gene Profiling During Early Stage of Nitric Oxide-Induced Adventitious Rooting in Mung Bean Seedlings. <i>Journal of Plant Growth Regulation</i> , 2020, 39, 430-455.	2.8	6
135	The SAUR41 subfamily of SMALL AUXIN UP RNA genes is abscisic acid inducible to modulate cell expansion and salt tolerance in <i>Arabidopsis thaliana</i> seedlings. <i>Annals of Botany</i> , 2020, 125, 805-819.	1.4	51
136	Ethephon-regulated maize internode elongation associated with modulating auxin and gibberellin signal to alter cell wall biosynthesis and modification. <i>Plant Science</i> , 2020, 290, 110196.	1.7	35
137	Comparative transcriptomics enables the identification of functional orthologous genes involved in early leaf growth. <i>Plant Biotechnology Journal</i> , 2020, 18, 553-567.	4.1	24
138	PROTEIN PHOSPHATASE95 Regulates Phosphate Homeostasis by Affecting Phosphate Transporter Trafficking in Rice. <i>Plant Cell</i> , 2020, 32, 740-757.	3.1	47
139	SAUR49 Can Positively Regulate Leaf Senescence by Suppressing SSPP in <i>Arabidopsis</i> . <i>Plant and Cell Physiology</i> , 2020, 61, 644-658.	1.5	21
140	The SAUR41 subfamily of cell expansion-promoting genes modulates abscisic acid sensitivity and root touch response: a possible connection to ion homeostasis regulation. <i>Plant Signaling and Behavior</i> , 2020, 15, 1702239.	1.2	1
141	Molecular networks regulating cell division during <i>Arabidopsis</i> leaf growth. <i>Journal of Experimental Botany</i> , 2020, 71, 2365-2378.	2.4	83
142	Exogenous Auxin Induces Transverse Microtubule Arrays Through TRANSPORT INHIBITOR RESPONSE1/AUXIN SIGNALING F-BOX Receptors. <i>Plant Physiology</i> , 2020, 182, 892-907.	2.3	24
143	Auxin signalling in growth: Schrödingers cat out of the bag. <i>Current Opinion in Plant Biology</i> , 2020, 53, 43-49.	3.5	81
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