

# Abscisic Acid Inhibits Type 2C Protein Phosphatases via

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Arabidopsis mutant deficient in 3 abscisic acid-activated protein kinases reveals critical roles in growth, reproduction, and stress. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8380-8385.	3.3	787
2	Activity of guard cell anion channel SLAC1 is controlled by drought-stress signaling kinase-phosphatase pair. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21425-21430.	3.3	787
3	Phospholipase D $\alpha$ 1 and Phosphatidic Acid Regulate NADPH Oxidase Activity and Production of Reactive Oxygen Species in ABA-Mediated Stomatal Closure in <i>Arabidopsis</i> . Plant Cell, 2009, 21, 2357-2377.	3.1	517
4	The Nuclear Interactor PYL8/RCAR3 of <i>Fagus sylvatica</i> PP2C1 Is a Positive Regulator of Abscisic Acid Signaling in Seeds and Stress. Plant Physiology, 2009, 152, 133-150.	2.3	99
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20	The abscisic acid receptor PYR1 in complex with abscisic acid. <i>Nature</i> , 2009, 462, 665-668.	13.7	457
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1047	Ethylene Receptors Signal via a Noncanonical Pathway to Regulate Abscisic Acid Responses. <i>Plant Physiology</i> , 2018, 176, 910-929.	2.3	45
1048	Protein degradation mechanisms modulate abscisic acid signaling and responses during abiotic stress. <i>Plant Science</i> , 2018, 267, 48-54.	1.7	18
1049	The role of <i>Arabidopsis thaliana</i> <scp>RASD</scp>1</i> gene in <scp>ABA</scp>-dependent abiotic stress response. <i>Plant Biology</i> , 2018, 20, 307-317.	1.8	5
1050	Conserved function of mediator in regulating nuclear hormone receptor activation between plants and animals. <i>Plant Signaling and Behavior</i> , 2018, 13, e1403709.	1.2	8
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1056	RSM1, an <i>Arabidopsis</i> MYB protein, interacts with HY5/HYH to modulate seed germination and seedling development in response to abscisic acid and salinity. <i>PLoS Genetics</i> , 2018, 14, e1007839.	1.5	66

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1059	AtMYB44 interacts with TOPLESS-RELATED corepressors to suppress protein phosphatase 2C gene transcription. <i>Biochemical and Biophysical Research Communications</i> , 2018, 507, 437-442.	1.0	19
1060	Sulfate is Incorporated into Cysteine to Trigger ABA Production and Stomatal Closure. <i>Plant Cell</i> , 2018, 30, 2973-2987.	3.1	85
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1063	Genome-wide characterization of protein phosphatase 2C genes in <i>Populus euphratica</i> and their expression profiling under multiple abiotic stresses. <i>Tree Genetics and Genomes</i> , 2018, 14, 1.	0.6	7
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1066	Identification of Auxin Activity Like 1, a chemical with weak functions in auxin signaling pathway. <i>Plant Molecular Biology</i> , 2018, 98, 275-287.	2.0	2
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1068	The Receptor-like Pseudokinase GHR1 Is Required for Stomatal Closure. <i>Plant Cell</i> , 2018, 30, 2813-2837.	3.1	95
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1074	Overexpression of BoNACO19, a NAC transcription factor from <i>Brassica oleracea</i> , negatively regulates the dehydration response and anthocyanin biosynthesis in <i>Arabidopsis</i> . <i>Scientific Reports</i> , 2018, 8, 13349.	1.6	46

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1108	Transcriptome Analyses in Different Cucumber Cultivars Provide Novel Insights into Drought Stress Responses. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2067.	1.8	30
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1145	The ABA receptor-like gene <i>VyPYL9</i> from drought-resistance wild grapevine confers drought tolerance and ABA hypersensitivity in <i>Arabidopsis</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 138, 543-558.	1.2	13
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1155	The MATH-BTB BPM3 and BPM5 subunits of Cullin3-RING E3 ubiquitin ligases target PP2CA and other clade A PP2Cs for degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15725-15734.	3.3	56
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1185	Functional analysis of SINCED1 in pistil development and fruit set in tomato ( <i>Solanum lycopersicum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	16
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1196	The role of <i>Arabidopsis</i> ABA receptors from the PYR/PYL/RCAR family in stomatal acclimation and closure signal integration. <i>Nature Plants</i> , 2019, 5, 1002-1011.	4.7	115
1197	PYL9 is involved in the regulation of ABA signaling during tomato fruit ripening. <i>Journal of Experimental Botany</i> , 2019, 70, 6305-6319.	2.4	53
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1201	TaZFP1, a C2H2 type-ZFP gene of <i>T. aestivum</i> , mediates salt stress tolerance of plants by modulating diverse stress-defensive physiological processes. <i>Plant Physiology and Biochemistry</i> , 2019, 136, 127-142.	2.8	25
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1334	Functional polymorphism among members of abscisic acid receptor family (ZmPYL) in maize. <i>Journal of Integrative Agriculture</i> , 2020, 19, 2165-2176.	1.7	4
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1475	Role of ATP-binding cassette transporters in maintaining plant homeostasis under abiotic and biotic stresses. <i>Physiologia Plantarum</i> , 2021, 171, 785-801.	2.6	81
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1491	Transcriptional Regulation of Drought Response in <i>Arabidopsis</i> and Woody Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 572137.	1.7	43
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1844	Genome-wide identification and comparative analysis of the PYL gene family in eight Rosaceae species and expression analysis of seeds germination in pear. <i>BMC Genomics</i> , 2022, 23, 233.	1.2	8
1845	Differential gene expression in tall fescue tissues in response to water deficit. <i>Plant Genome</i> , 2022, 15, e20199.	1.6	9
1846	SALT AND ABA RESPONSE ERF1 improves seed germination and salt tolerance by repressing ABA signaling in rice. <i>Plant Physiology</i> , 2022, 189, 1110-1127.	2.3	30

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1848	Protoplast Dissociation and Transcriptome Analysis Provides Insights to Salt Stress Response in Cotton. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2845.	1.8	13
1850	Regulatory Role of Circadian Clocks on ABA Production and Signaling, Stomatal Responses, and Water-Use Efficiency under Water-Deficit Conditions. <i>Cells</i> , 2022, 11, 1154.	1.8	15
1851	FERONIA Receptor Kinase Integrates with Hormone Signaling to Regulate Plant Growth, Development, and Responses to Environmental Stimuli. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3730.	1.8	14
1853	DNA and Histone Methylation Regulates Different Types of Fruit Ripening by Transcriptome and Proteome Analyses. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 3541-3556.	2.4	12
1854	Synthesis and SAR of 2,3-dihydro-1-benzofuran-4-carboxylates: Potent Salicylic Acid-Based Lead Structures against Plant Stress. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	2
1855	Non-Expresser of PR-Genes 1 Positively Regulates Abscisic Acid Signaling in <i>Arabidopsis thaliana</i> . <i>Plants</i> , 2022, 11, 815.	1.6	3
1856	ZmPP2C26 Alternative Splicing Variants Negatively Regulate Drought Tolerance in Maize. <i>Frontiers in Plant Science</i> , 2022, 13, 851531.	1.7	19
1857	Integrated transcriptome and proteome analyses provide insight into abiotic stress crosstalks in bermudagrass. <i>Environmental and Experimental Botany</i> , 2022, 199, 104864.	2.0	3
1858	Monomerization of abscisic acid receptors through CARCs-mediated phosphorylation. <i>New Phytologist</i> , 2022, 235, 533-549.	3.5	5
1859	Phosphorylation of DUF1639 protein by osmotic stress/ABA-activated protein kinase 10 regulates abscisic acid-induced antioxidant defense in rice. <i>Biochemical and Biophysical Research Communications</i> , 2022, 604, 30-36.	1.0	3
1860	Orphan gene PpARDT positively involved in drought tolerance potentially by enhancing ABA response in <i>Physcomitrium (Physcomitrella) patens</i> . <i>Plant Science</i> , 2022, 319, 111222.	1.7	7
1861	GRAS-type transcription factor CaGRAS1 functions as a positive regulator of the drought response in <i>Capsicum annuum</i> . <i>Environmental and Experimental Botany</i> , 2022, 198, 104853.	2.0	2
1862	Development of small molecules that improve drought stress tolerance in plants. <i>Japanese Journal of Pesticide Science</i> , 2021, 46, 122-128.	0.0	0
1863	The wheat ABA receptor gene <i>TaPYL1B</i> contributes to drought tolerance and grain yield by increasing water-use efficiency. <i>Plant Biotechnology Journal</i> , 2022, 20, 846-861.	4.1	55
1864	Designed ABA receptor agonists: A new tool to improve crop quality. <i>Reproduction and Breeding</i> , 2021, 1, 210-212.	0.8	2
1865	Molecular and Physiological Perspectives of Abscisic Acid Mediated Drought Adjustment Strategies. <i>Plants</i> , 2021, 10, 2769.	1.6	3
1867	Plant target of rapamycin signaling network: Complexes, conservations, and specificities. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 342-370.	4.1	24

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1869	Phosphorylation of SWEET sucrose transporters regulates plant root:shoot ratio under drought. <i>Nature Plants</i> , 2022, 8, 68-77.	4.7	91
1870	Identification of Abscisic Acid-Dependent Phosphorylated Basic Helix-Loop-Helix Transcription Factors in Guard Cells of <i>Vicia faba</i> by Mass Spectrometry. <i>Frontiers in Plant Science</i> , 2021, 12, 735271.	1.7	3
1871	Abscisic acid negatively regulates the Polycomb-mediated H3K27me3 through the PHD finger protein, VIL1. <i>New Phytologist</i> , 2022, 235, 1057-1069.	3.5	8
1872	Phosphorylation of the plasma membrane H <sup>+</sup> -ATPase AHA2 by BAK1 is required for ABA-induced stomatal closure in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2022, 34, 2708-2729.	3.1	40
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2010	Etiolated Hypocotyls: A New System to Study the Impact of Abiotic Stress on Cell Expansion. <i>Methods in Molecular Biology</i> , 2022, 2494, 195-205.	0.4	0
2012	Synthesis and characterization of abscisic acid receptor modulators. <i>Methods in Enzymology</i> , 2022, , .	0.4	0
2013	Brassinosteroid-Insensitive 1-Associated Receptor Kinase 1 Modulates Abscisic Acid Signaling by Inducing PYR1 Monomerization and Association With ABI1 in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 849467.	1.7	5
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2015	ABA activated SnRK2 kinases: an emerging role in plant growth and physiology. <i>Plant Signaling and Behavior</i> , 2022, 17, 2071024.	1.2	31
2016	Identification of PP2C Genes in Tibetan Hulless Barley ( <i>Hordeum vulgare</i> var. <i>nudum</i> ) Under Dehydration Stress and Initiatory Expression and Functional Analysis of HvPP2C59. <i>Plant Molecular Biology Reporter</i> , 2022, 40, 611-627.	1.0	3
2017	Abscisic Acid: Role in Fruit Development and Ripening. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	22
2018	Coumarin Derivatives Containing Sulfonamide and Dithioacetal Moieties: Design, Synthesis, Antiviral Activity, and Mechanism. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 5773-5783.	2.4	12
2019	Unraveling the importance of EF-hand-mediated calcium signaling in plants. <i>South African Journal of Botany</i> , 2022, 148, 615-633.	1.2	13
2020	Coordination of plant growth and abiotic stress responses by tryptophan synthase Î² subunit 1 through modulation of tryptophan and ABA homeostasis in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2022, 15, 973-990.	3.9	43
2021	Overexpression of PpSnRK1Î± in Tomato Increased Autophagy Activity under Low Nutrient Stress. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5464.	1.8	1

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2023	Molecular communication network and its applications in crop sciences. <i>Planta</i> , 2022, 255, 128.	1.6	4
2025	GhHAI2, GhAHG3, and GhABI2 Negatively Regulate Osmotic Stress Tolerance via ABA-Dependent Pathway in Cotton ( <i>Gossypium hirsutum</i> L.). <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	5
2026	Genome-wide identification, characterization and expression analysis of the ABA receptor PYL gene family in response to ABA, photoperiod, and chilling in vegetative buds of <i>Liriodendron chinense</i> . <i>Scientia Horticulturae</i> , 2022, 303, 111200.	1.7	8
2027	Genetic loci associated with freezing tolerance in a European rapeseed ( <i>Brassica napus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	3
2028	Transcriptomic Analysis Reveals That Exogenous Indole-3-Butyric Acid Affects the Rooting Process During Stem Segment Culturing of <i>Cinnamomum camphora</i> Linalool Type. <i>Plant Molecular Biology Reporter</i> , 2022, 40, 661-673.	1.0	3
2029	Core Components of Abscisic Acid Signaling and Their Post-translational Modification. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	9
2030	Genomic and Transcriptomic Dissection of the Large-Effect Loci Controlling Drought-Responsive Agronomic Traits in Wheat. <i>Agronomy</i> , 2022, 12, 1264.	1.3	0
2031	Exogenous melatonin improves the resistance to cucumber bacterial angular leaf spot caused by <i>Pseudomonas syringae</i> pv. <i>Lachrymans</i> . <i>Physiologia Plantarum</i> , 2022, 174, .	2.6	5
2032	Experimental and conceptual approaches to root water transport. <i>Plant and Soil</i> , 2022, 478, 349-370.	1.8	10
2033	Overexpression of grape ABA receptor gene VaPYL4 enhances tolerance to multiple abiotic stresses in <i>Arabidopsis</i> . <i>BMC Plant Biology</i> , 2022, 22, .	1.6	16
2034	Real-Time Fluorescence Imaging of the Abscisic Acid Receptor Allows Nondestructive Visualization of Plant Stress. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 28489-28500.	4.0	7
2035	Leucine-rich repeat receptor-like kinase OsASLRK regulates abscisic acid and drought responses via cooperation with S-like RNase OsRNS4 in rice. <i>Environmental and Experimental Botany</i> , 2022, 201, 104949.	2.0	5
2036	Co-silencing of ABA receptors (SIRCAR) reveals interactions between ABA and ethylene signaling during tomato fruit ripening. <i>Horticulture Research</i> , 2022, 9, .	2.9	11
2037	Inference of a Boolean Network From Causal Logic Implications. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	5
2038	Ubiquitin ligases at the nexus of plant responses to biotic and abiotic stresses. <i>Essays in Biochemistry</i> , 2022, 66, 123-133.	2.1	6
2039	RAF22, ABI1 and OST1 form a dynamic interactive network that optimizes plant growth and responses to drought stress in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2022, 15, 1192-1210.	3.9	22
2040	Vernalization attenuates dehydration tolerance in winter-annual <i>Arabidopsis</i> . <i>Plant Physiology</i> , 0, , .	2.3	3

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2042	Actual directions of modern biotechnologies of wheat. <i>Fiziologia Rastenij I Genetika</i> , 2022, 54, 187-213.	0.1	1
2043	Origin of the genome editing systems: application for crop improvement. , 2022, 77, 3353-3383.		1
2044	Proteomic analysis of <i>Euryale ferox</i> Salisb seeds at different developmental stages. <i>Gene</i> , 2022, 834, 146645.	1.0	3
2045	The involvement of abscisic acid-insensitive mutants in low phosphate stress responses during rhizosphere acidification, anthocyanin accumulation and Pi homeostasis in <i>Arabidopsis</i> . <i>Plant Science</i> , 2022, 322, 111358.	1.7	3
2046	Construction of <i>Arabidopsis At2g34610</i> Gene Editing and Overexpression Vector. <i>Botanical Research</i> , 2022, 11, 486-493.	0.0	0
2047	Efficient Ultrasound-Assisted Approach to <i>N</i> -Benzensulfonyl Phenylacetamide via $\text{CuSO}_4/\text{NaAsc}$ Catalysis in Water and Its Inhibition Activity of Seed Germination. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 1667.	0.6	1
2048	Overexpression of GhABF3 increases cotton( <i>Gossypium hirsutum</i> L.) tolerance to salt and drought. <i>BMC Plant Biology</i> , 2022, 22, .	1.6	9
2049	Characterization of Organellar-Specific ABA Responses during Environmental Stresses in Tobacco Cells and <i>Arabidopsis</i> Plants. <i>Cells</i> , 2022, 11, 2039.	1.8	4
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2051	Comparative transcriptomics reveals new insights into melatonin-enhanced drought tolerance in naked oat seedlings. <i>PeerJ</i> , 0, 10, e13669.	0.9	6
2052	Molecular Mechanisms of Plant Responses to Salt Stress. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	26
2053	Mining the Roles of Wheat ( <i>Triticum aestivum</i> ) SnRK Genes in Biotic and Abiotic Responses. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	2
2054	Overexpression VaPYL9 improves cold tolerance in tomato by regulating key genes in hormone signaling and antioxidant enzyme. <i>BMC Plant Biology</i> , 2022, 22, .	1.6	12
2055	QTL Mapping and Candidate Gene Analysis for Seed Germination Response to Low Temperature in Rice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7379.	1.8	2
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2060	The Arabidopsis <i>IDD14</i> transcription factor interacts with <i>bZIP</i> type <i>ABFs</i> / <i>AREBs</i> and cooperatively regulates <i>ABA</i> -mediated drought tolerance. <i>New Phytologist</i> , 2022, 236, 929-942.	3.5	13
2061	<i>AtGAP1</i> Promotes the Resistance to <i>Pseudomonas syringae</i> pv. tomato DC3000 by Regulating Cell-Wall Thickness and Stomatal Aperture in Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7540.	1.8	2
2062	Allele mining of wheat ABA receptor at <i>TaPYL4</i> suggests neo-functionalization among the wheat homoeologs. <i>Journal of Integrative Agriculture</i> , 2022, 21, 2183-2196.	1.7	3
2063	The F-Box/ <i>DUF295</i> Brassicaceae specific 2 is involved in ABA-inhibited seed germination and seedling growth in Arabidopsis. <i>Plant Science</i> , 2022, 323, 111369.	1.7	1
2064	A briefly overview of the research progress for the abscisic acid analogues. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	2
2065	Genome-Wide Identification and Expression Analysis of <i>SnRK2</i> Gene Family in Dormant Vegetative Buds of <i>Liriodendron chinense</i> in Response to Abscisic Acid, Chilling, and Photoperiod. <i>Genes</i> , 2022, 13, 1305.	1.0	4
2066	Melatonin Promotes Seed Germination via Regulation of ABA Signaling Under Low Temperature Stress in Cucumber. <i>Journal of Plant Growth Regulation</i> , 2023, 42, 2232-2245.	2.8	10
2067	A Modified Yeast Two-Hybrid Platform Enables Dynamic Control of Expression Intensities to Unmask Properties of Protein-Protein Interactions. <i>ACS Synthetic Biology</i> , 2022, 11, 2589-2598.	1.9	0
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2069	Underlying Biochemical and Molecular Mechanisms for Seed Germination. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8502.	1.8	23
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2071	Dynamic modeling of ABA-dependent expression of the Arabidopsis <i>RD29A</i> gene. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	4
2072	Genome-Wide Identification of the <i>PYL</i> Gene Family in <i>Chenopodium quinoa</i> : From Genes to Protein 3D Structure Analysis. <i>Stresses</i> , 2022, 2, 290-307.	1.8	2
2073	Combining Physio-Biochemical Characterization and Transcriptome Analysis Reveal the Responses to Varying Degrees of Drought Stress in <i>Brassica napus</i> L.. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8555.	1.8	5
2074	<i>DELLAs</i> directed gibberellins responses orchestrate crop development: A brief review. <i>Crop Science</i> , 0, , .	0.8	1
2075	Comparative transcriptomic profiling in the pulp and peel of pitaya fruit uncovers the gene networks regulating pulp color formation. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	1
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2079	A comparative study on the effects of strong light stress on the photosynthetic characteristics of the shade plant <i>Camellia petelotii</i> (Merr.) Sealy. , 0, , .		3
2080	Directed Evolution of Herbicide Biosensors in a Fluorescence-Activated Cell-Sorting-Compatible Yeast Two-Hybrid Platform. <i>ACS Synthetic Biology</i> , 2022, 11, 2880-2888.	1.9	4
2081	Comprehensive functional analysis of the PYL-PP2C-SnRK2s family in <i>Bletilla striata</i> reveals that BsPP2C22 and BsPP2C38 interact with BsPYLs and BsSnRK2s in response to multiple abiotic stresses. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	4
2082	NUCLEAR PORE ANCHOR and EARLY IN SHORT DAYS 4 negatively regulate abscisic acid signaling by inhibiting Snf1-related protein kinase2 activity and stability in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2022, 64, 2060-2074.	4.1	8
2083	AtEAU1 and AtEAU2, Two EAR Motif-Containing ABA Up-Regulated Novel Transcription Repressors Regulate ABA Response in <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 9053.	1.8	2
2084	A novel ABA-insensitive mutant in <i>Arabidopsis</i> reveals molecular network of ABA-induced anthocyanin accumulation and abiotic stress tolerance. <i>Journal of Plant Physiology</i> , 2022, 278, 153810.	1.6	9
2085	AtS40-1, a group I DUF584 protein positively regulates ABA response and salt tolerance in <i>Arabidopsis</i> . <i>Gene</i> , 2022, 846, 146846.	1.0	3
2086	Crosstalk of Putrescine Synthetic Pathway with Abscisic Acid Signaling Pathway in Cold Tolerance of Potato. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2087	Receptor-like kinases induced by abscisic acid in plants. , 2023, , 305-328.		0
2088	The Examination of the Role of Rice Lysophosphatidic Acid Acyltransferase 2 in Response to Salt and Drought Stresses. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9796.	1.8	0
2089	The key clock component ZEITLUPE (ZTL) negatively regulates ABA signaling by degradation of CHLH in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	1
2091	The cell biology of primary cell walls during salt stress. <i>Plant Cell</i> , 2023, 35, 201-217.	3.1	38
2092	Abscisic acid modulates neighbor proximity-induced leaf hyponasty in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2023, 191, 542-557.	2.3	13
2093	Later Growth Cessation and Increased Freezing Tolerance Potentially Result in Later Dormancy in Evergreen Iris Compared with Deciduous Iris. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11123.	1.8	2
2094	<sc><i>TaFDL2</i></sc> confers drought stress tolerance by promoting <sc>ABA</sc> biosynthesis, <sc>ABA</sc> responses, and <sc>ROS</sc> scavenging in transgenic wheat. <i>Plant Journal</i> , 2022, 112, 722-737.	2.8	24
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2096	Multiple cyclic nucleotide-gated channels function as ABA-activated Ca <sup>2+</sup> channels required for ABA-induced stomatal closure in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2023, 35, 239-259.	3.1	20

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2098	Genome-Wide Identification, Gene Structure, and Expression Analyses of the NtPP2C Gene Family in <i>Nicotiana tabacum</i> in Response to Low Temperature, Salt, and Drought Conditions. <i>Russian Journal of Plant Physiology</i> , 2022, 69, .	0.5	0
2099	Melatonin-induced physiology and transcriptome changes in banana seedlings under salt stress conditions. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	16
2100	B2, an abscisic acid mimic, improves salinity tolerance in winter wheat seedlings via improving activity of antioxidant enzymes. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	1
2101	Transcription factors ABF4 and ABR1 synergistically regulate amylase-mediated starch catabolism in drought tolerance. <i>Plant Physiology</i> , 2023, 191, 591-609.	2.3	15
2102	CycC1;1 negatively modulates ABA signaling by interacting with and inhibiting ABI5 during seed germination. <i>Plant Physiology</i> , 2022, 190, 2812-2827.	2.3	5
2103	Analysis and Identification of Hormone Changes and Related Regulatory Genes of <i>Ziziphus jujuba</i> Mill. at the Peak of Abortion. <i>Russian Journal of Plant Physiology</i> , 2022, 69, .	0.5	0
2104	A bHLH transcription factor, SlbHLH96, promotes drought tolerance in tomato. <i>Horticulture Research</i> , 2022, 9, .	2.9	24
2105	Brassinosteroid signaling positively regulates abscisic acid biosynthesis in response to chilling stress in tomato. <i>Journal of Integrative Plant Biology</i> , 2023, 65, 10-24.	4.1	19
2106	Crosstalk of Putrescine Synthetic Pathway with Abscisic Acid Signaling Pathway in Cold Tolerance of Potato. <i>Environmental and Experimental Botany</i> , 2022, , 105085.	2.0	2
2107	Guard cell anion channel PbrSLAC1 regulates stomatal closure through PbrSnRK2.3 protein kinases. <i>Plant Science</i> , 2022, 325, 111487.	1.7	1
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2115	<i>SnRK2</i> -mediated phosphorylation of <i>ABF2</i> regulates <i>ARGININE DECARBOXYLASE</i> expression and putrescine accumulation under drought stress. <i>New Phytologist</i> , 2023, 238, 216-236.	3.5	22

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2117	The OPEN STOMATA1â€“SPIRAL1 module regulates microtubule stability during abscisic acid-induced stomatal closure in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2023, 35, 260-278.	3.1	19
2118	CKL2 mediates the crosstalk between abscisic acid and brassinosteroid signaling to promote swift growth recovery after stress in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2023, 65, 64-81.	4.1	4
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