

Mechanistic insight into a peptide hormone signaling cascade in abscission

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Q&A: How does peptide signaling direct plant development?. BMC Biology, 2016, 14, 58.	1.7	34
2	Allele-Specific Interactions between CAST AWAY and NEVERSHED Control Abscission in Arabidopsis Flowers. Frontiers in Plant Science, 2016, 7, 1588.	1.7	5
3	Precursor processing for plant peptide hormone maturation by subtilisin-like serine proteinases. Science, 2016, 354, 1594-1597.	6.0	118
4	SERKing Coreceptors for Receptors. Trends in Plant Science, 2016, 21, 1017-1033.	4.3	172
5	Regulation of pattern recognition receptor signalling in plants. Nature Reviews Immunology, 2016, 16, 537-552.	10.6	1,031
6	Structural Insight into Recognition of Plant Peptide Hormones by Receptors. Molecular Plant, 2016, 9, 1454-1463.	3.9	35
7	Disrupting ER-associated protein degradation suppresses the abscission defect of a weak <i>hsl2</i> mutant in Arabidopsis. Journal of Experimental Botany, 2016, 67, 5473-5484.	2.4	18
8	CLAVATA 1-type receptors in plant development. Journal of Experimental Botany, 2016, 67, 4827-4833.	2.4	60
9	Root diffusion barrier control by a vasculature-derived peptide binding to the SGN3 receptor. Science, 2017, 355, 280-284.	6.0	211
10	The receptor kinase FER is a RALF-regulated scaffold controlling plant immune signaling. Science, 2017, 355, 287-289.	6.0	541
11	The Structural Basis of Ligand Perception and Signal Activation by Receptor Kinases. Annual Review of Plant Biology, 2017, 68, 109-137.	8.6	247
12	Plant cell wall signalling and receptor-like kinases. Biochemical Journal, 2017, 474, 471-492.	1.7	142
13	Mechanisms and Strategies Shaping Plant Peptide Hormones. Plant and Cell Physiology, 2017, 58, 1313-1318.	1.5	25
14	Two SERK Receptor-Like Kinases Interact with EMS1 to Control Anther Cell Fate Determination. Plant Physiology, 2017, 173, 326-337.	2.3	72
15	In Silico Prediction of Ligand-Binding Sites of Plant Receptor Kinases Using Conservation Mapping. Methods in Molecular Biology, 2017, 1621, 93-105.	0.4	2
16	Perception of root-active <i>CLE</i> peptides requires <i>CORYNE</i> function in the phloem vasculature. EMBO Reports, 2017, 18, 1367-1381.	2.0	80
17	Ligand Receptor-Mediated Regulation of Growth in Plants. Current Topics in Developmental Biology, 2017, 123, 331-363.	1.0	15
18	Receptor Kinases in Plant-Pathogen Interactions: More Than Pattern Recognition. Plant Cell, 2017, 29, 618-637.	3.1	552

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19	Gametophytic Pollen Tube Guidance: Attractant Peptides, Gametic Controls, and Receptors. <i>Plant Physiology</i> , 2017, 173, 112-121.	2.3	100
20	Stem development through vascular tissues: EPFLâ€“ERECTA family signaling that bounces in and out of phloem. <i>Journal of Experimental Botany</i> , 2017, 68, 45-53.	2.4	36
21	Genome-Wide Identification of <i>Medicago</i> Peptides Involved in Macronutrient Responses and Nodulation. <i>Plant Physiology</i> , 2017, 175, 1669-1689.	2.3	101
22	The study of pattern-triggered immunity in <i>Arabidopsis</i> . <i>Canadian Journal of Plant Pathology</i> , 2017, 39, 275-281.	0.8	1
23	Structural basis for receptor recognition of pollen tube attraction peptides. <i>Nature Communications</i> , 2017, 8, 1331.	5.8	55
24	The IDA-LIKE peptides IDL6 and IDL7 are negative modulators of stress responses in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2017, 68, 3557-3571.	2.4	34
25	<scp>IDL</scp>â€“<scp>HAE</scp>/<scp>HSL</scp>2 impacts pectin degradation and resistance to <i>Pseudomonas syringae</i> pv tomato <scp>DC</scp>3000 in <i>Arabidopsis</i> leaves. <i>Plant Journal</i> , 2017, 89, 250-263.	2.8	80
26	Single-Molecule Fluorescence Methods to Study Plant Hormone Signal Transduction Pathways. <i>Frontiers in Plant Science</i> , 2017, 8, 1888.	1.7	7
27	BAK1 is involved in AtRALF1-induced inhibition of root cell expansion. <i>PLoS Genetics</i> , 2017, 13, e1007053.	1.5	37
28	Leaf shedding as an anti-bacterial defense in <i>Arabidopsis</i> cauline leaves. <i>PLoS Genetics</i> , 2017, 13, e1007132.	1.5	44
29	Abscission in plants. <i>Current Biology</i> , 2018, 28, R338-R339.	1.8	32
30	Ectopic expression of the <i>Coffea canephora</i> SERK1 homologâ€“induced differential transcription of genes involved in auxin metabolism and in the developmental control of embryogenesis. <i>Physiologia Plantarum</i> , 2018, 163, 530-551.	2.6	23
31	The root-knot nematode <i>Meloidogyne incognita</i> produces a functional mimic of the <i>Arabidopsis</i> INFLORESCENCE DEFICIENT IN ABSCISSION signaling peptide. <i>Journal of Experimental Botany</i> , 2018, 69, 3009-3021.	2.4	31
32	Signaling Peptides and Receptors Coordinating Plant Root Development. <i>Trends in Plant Science</i> , 2018, 23, 337-351.	4.3	79
33	Molecular control of stomatal development. <i>Biochemical Journal</i> , 2018, 475, 441-454.	1.7	106
34	Plant cell surface receptor-mediated signaling â€“ a common theme amid diversity. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	134
35	Post-translational maturation of IDA, a peptide signal controlling floral organ abscission in <i>Arabidopsis</i> . <i>Communicative and Integrative Biology</i> , 2018, 11, e1395119.	0.6	9
36	An extracellular network of <i>Arabidopsis</i> leucine-rich repeat receptor kinases. <i>Nature</i> , 2018, 553, 342-346.	13.7	241

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37	A Lignin Molecular Brace Controls Precision Processing of Cell Walls Critical for Surface Integrity in Arabidopsis. <i>Cell</i> , 2018, 173, 1468-1480.e9.	13.5	109
38	INFLORESCENCE DEFICIENT IN ABCISSION-like is an abscission-associated and phytohormone-regulated gene in flower separation of <i>Lupinus luteus</i> . <i>Plant Growth Regulation</i> , 2018, 85, 91-100.	1.8	30
39	CEP peptide hormones: key players in orchestrating nitrogen-demand signalling, root nodulation, and lateral root development. <i>Journal of Experimental Botany</i> , 2018, 69, 1829-1836.	2.4	72
40	Mechanistic basis for the activation of plant membrane receptor kinases by SERK-family coreceptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3488-3493.	3.3	89
41	From structure to function – a family portrait of plant subtilases. <i>New Phytologist</i> , 2018, 218, 901-915.	3.5	108
42	Advances in abscission signaling. <i>Journal of Experimental Botany</i> , 2018, 69, 733-740.	2.4	80
43	Diverse Peptide Hormones Affecting Root Growth Identified in the <i>Medicago truncatula</i> Secreted Peptidome. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 160-174.	2.5	57
44	Transcriptomic evidence for distinct mechanisms underlying abscission deficiency in the <i>Arabidopsis</i> mutants <i>haesa/haesa-like 2</i> and <i>nevershed</i> . <i>BMC Research Notes</i> , 2018, 11, 754.	0.6	6
45	The CLE9/10 secretory peptide regulates stomatal and vascular development through distinct receptors. <i>Nature Plants</i> , 2018, 4, 1071-1081.	4.7	114
46	The Toolbox to Study Protein-Protein Interactions in Plants. <i>Critical Reviews in Plant Sciences</i> , 2018, 37, 308-334.	2.7	16
47	CLERK is a novel receptor kinase required for sensing of root-active CLE peptides in <i>Arabidopsis</i> . <i>Development (Cambridge)</i> , 2018, 145, .	1.2	61
48	Nematode-secreted peptides and host factor mimicry. <i>Journal of Experimental Botany</i> , 2018, 69, 2866-2868.	2.4	6
49	The <i>Xanthomonas</i> effector XopK harbours E3 ubiquitin-ligase activity that is required for virulence. <i>New Phytologist</i> , 2018, 220, 219-231.	3.5	47
50	The dynamics of root cap sloughing in <i>Arabidopsis</i> is regulated by peptide signalling. <i>Nature Plants</i> , 2018, 4, 596-604.	4.7	62
51	Impact of Plant Peptides on Symbiotic Nodule Development and Functioning. <i>Frontiers in Plant Science</i> , 2018, 9, 1026.	1.7	44
52	Cloning, Characterization, and Functional Investigation of VaHAESA from <i>Vitis amurensis</i> Inoculated with <i>Plasmopara viticola</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 1204.	1.8	10
53	The SERK3 elongated allele defines a role for BIR ectodomains in brassinosteroid signalling. <i>Nature Plants</i> , 2018, 4, 345-351.	4.7	48
54	A potato STRUBBELIG-RECEPTOR FAMILY member, StLRPK1, associates with StSERK3A/BAK1 and activates immunity. <i>Journal of Experimental Botany</i> , 2018, 69, 5573-5586.	2.4	12

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55	Structural Insight into Recognition of Plant Peptide Hormones by Plant Receptor Kinases. , 2018, , 31-46.		0
56	Regulation of plant peptide hormones and growth factors by post-translational modification. <i>Plant Biology</i> , 2019, 21, 49-63.	1.8	72
57	Structural biology of cell surface receptor-ligand interactions. <i>Current Opinion in Plant Biology</i> , 2019, 52, 38-45.	3.5	6
58	Molecular and Hormonal Aspects of Drought-Triggered Flower Shedding in Yellow Lupine. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3731.	1.8	20
59	Control of Organ Abscission and Other Cell Separation Processes by Evolutionary Conserved Peptide Signaling. <i>Plants</i> , 2019, 8, 225.	1.6	31
60	Plant Peptide Hormones. <i>Russian Journal of Plant Physiology</i> , 2019, 66, 171-189.	0.5	24
61	Plant Leucine-Rich Repeat Receptor Kinase (LRR-RK): Structure, Ligand Perception, and Activation Mechanism. <i>Molecules</i> , 2019, 24, 3081.	1.7	47
62	SERK Receptor-like Kinases Control Division Patterns of Vascular Precursors and Ground Tissue Stem Cells during Embryo Development in Arabidopsis. <i>Molecular Plant</i> , 2019, 12, 984-1002.	3.9	26
63	Diverse function of plant peptide hormones in local signaling and development. <i>Current Opinion in Plant Biology</i> , 2019, 51, 81-87.	3.5	49
64	The PIP Peptide of INFLORESCENCE DEFICIENT IN ABSCISSION Enhances <i>Populus</i> Leaf and <i>Elaeis guineensis</i> Fruit Abscission. <i>Plants</i> , 2019, 8, 143.	1.6	22
65	More than cell wall hydrolysis: orchestration of cellular dynamics for organ separation. <i>Current Opinion in Plant Biology</i> , 2019, 51, 37-43.	3.5	10
66	Hypermorphic <i>SERK1</i> Mutations Function via a <i>SOBIR1</i> Pathway to Activate Floral Abscission Signaling. <i>Plant Physiology</i> , 2019, 180, 1219-1229.	2.3	11
67	A MAPK cascade downstream of IDA-HAE/HSL2 ligand-receptor pair in lateral root emergence. <i>Nature Plants</i> , 2019, 5, 414-423.	4.7	90
68	Crosstalk between cytokinin and ethylene signaling pathways regulates leaf abscission in cotton in response to chemical defoliant. <i>Journal of Experimental Botany</i> , 2019, 70, 1525-1538.	2.4	38
69	Proteolytic Processing of SERK3/BAK1 Regulates Plant Immunity, Development, and Cell Death. <i>Plant Physiology</i> , 2019, 180, 543-558.	2.3	42
70	Multi-tasking of SERK-like kinases in plant embryogenesis, growth, and development: current advances and biotechnological applications. <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	1.0	13
71	Identification and Characterization of HAESA-Like Genes Involved in the Fruitlet Abscission in Litchi. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5945.	1.8	14
72	Characterization of Somatic Embryogenesis Receptor-Like Kinase 4 as a Negative Regulator of Leaf Senescence in Arabidopsis. <i>Cells</i> , 2019, 8, 50.	1.8	20

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73	Look Closely, the Beautiful May Be Small: Precursor-Derived Peptides in Plants. <i>Annual Review of Plant Biology</i> , 2019, 70, 153-186.	8.6	119
74	Receptor-Like Protein Kinases Function Upstream of MAPKs in Regulating Plant Development. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7638.	1.8	14
75	Genome-wide and structural analyses of pseudokinases encoded in the genome of <i>Arabidopsis thaliana</i> provide functional insights. <i>Proteins: Structure, Function and Bioinformatics</i> , 2020, 88, 1620-1638.	1.5	9
76	A strong correlation between consensus sequences and unique super secondary structures in leucine rich repeats. <i>Proteins: Structure, Function and Bioinformatics</i> , 2020, 88, 840-852.	1.5	8
77	Small Peptides Raising in Plants. <i>Molecular Plant</i> , 2020, 13, 1101.	3.9	3
78	Constitutive Activation of Leucine-Rich Repeat Receptor Kinase Signaling Pathways by BAK1-INTERACTING RECEPTOR-LIKE KINASE3 Chimera. <i>Plant Cell</i> , 2020, 32, 3311-3323.	3.1	22
79	Processing and Formation of Bioactive CLE40 Peptide Are Controlled by Posttranslational Proline Hydroxylation. <i>Plant Physiology</i> , 2020, 184, 1573-1584.	2.3	21
80	Production mechanisms, structural features and post-translational modifications of plant peptides. <i>Journal of Plant Biology</i> , 2020, 63, 259-265.	0.9	2
81	Plant Biology: Distinct New Players in Processing Peptide Hormones during Abscission. <i>Current Biology</i> , 2020, 30, R715-R717.	1.8	4
82	<i>Arabidopsis</i> Transmembrane Receptor-Like Kinases (RLKs): A Bridge between Extracellular Signal and Intracellular Regulatory Machinery. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4000.	1.8	71
83	Paired Receptor and Coreceptor Kinases Perceive Extracellular Signals to Control Plant Development. <i>Plant Physiology</i> , 2020, 182, 1667-1681.	2.3	47
84	FERONIA cytoplasmic domain: node of varied signal outputs. <i>ABIOTECH</i> , 2020, 1, 135-146.	1.8	12
85	Peptide signaling for drought-induced tomato flower drop. <i>Science</i> , 2020, 367, 1482-1485.	6.0	105
86	Leucine-rich repeat receptor-like kinase II phylogenetics reveals five main clades throughout the plant kingdom. <i>Plant Journal</i> , 2020, 103, 547-560.	2.8	17
87	Emerging mechanisms to fine-tune receptor kinase signaling specificity. <i>Current Opinion in Plant Biology</i> , 2020, 57, 41-51.	3.5	9
88	Perception of <i>Agrobacterium tumefaciens</i> flagellin by FLS2XL confers resistance to crown gall disease. <i>Nature Plants</i> , 2020, 6, 22-27.	4.7	46
89	Structural evolution drives diversification of the large LRR-RLK gene family. <i>New Phytologist</i> , 2020, 226, 1492-1505.	3.5	53
90	Molecular mechanism for the recognition of sequence-divergent CIF peptides by the plant receptor kinases GSO1/SGN3 and GSO2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2693-2703.	3.3	68

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91	KNOX protein KNAT1 regulates fruitlet abscission in litchi by repressing ethylene biosynthetic genes. <i>Journal of Experimental Botany</i> , 2020, 71, 4069-4082.	2.4	35
92	Structural Insights into the Plant Immune Receptors PRRs and NLRs. <i>Plant Physiology</i> , 2020, 182, 1566-1581.	2.3	37
93	In Vitro Analytical Approaches to Study Plant Ligand-Receptor Interactions. <i>Plant Physiology</i> , 2020, 182, 1697-1712.	2.3	24
94	Comprehensive in silico modeling of the rice plant PRR Xa21 and its interaction with RaxX21-sY and OsSERK2. <i>RSC Advances</i> , 2020, 10, 15800-15814.	1.7	5
95	The Peptide Hormone Receptor CEPR1 Functions in the Reproductive Tissue to Control Seed Size and Yield. <i>Plant Physiology</i> , 2020, 183, 620-636.	2.3	17
96	Interfering Peptides Targeting Protein-Protein Interactions in the Ethylene Plant Hormone Signaling Pathway as Tools to Delay Plant Senescence. <i>Methods in Molecular Biology</i> , 2021, 2213, 71-85.	0.4	3
97	Computational prediction method to decipher receptor-glycoligand interactions in plant immunity. <i>Plant Journal</i> , 2021, 105, 1710-1726.	2.8	14
98	Structural biology of plant defence. <i>New Phytologist</i> , 2021, 229, 692-711.	3.5	29
99	Identification and characterization of the LRR repeats in plant LRR-RLKs. <i>BMC Molecular and Cell Biology</i> , 2021, 22, 9.	1.0	15
100	Perception of a divergent family of phytocytokines by the Arabidopsis receptor kinase MIK2. <i>Nature Communications</i> , 2021, 12, 705.	5.8	71
102	Recent advances in peptide signaling during Arabidopsis root development. <i>Journal of Experimental Botany</i> , 2021, 72, 2889-2902.	2.4	21
103	EPIP-Evoked Modifications of Redox, Lipid, and Pectin Homeostasis in the Abscission Zone of Lupine Flowers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3001.	1.8	8
105	Inflorescence abscission protein SIIDL6 promotes low light intensity-induced tomato flower abscission. <i>Plant Physiology</i> , 2021, 186, 1288-1301.	2.3	22
106	Characterization of Two Ethephon-Induced IDA-Like Genes from Mango, and Elucidation of Their Involvement in Regulating Organ Abscission. <i>Genes</i> , 2021, 12, 439.	1.0	10
107	Cross-talk between transcriptome, phytohormone and HD-ZIP gene family analysis illuminates the molecular mechanism underlying fruitlet abscission in sweet cherry (<i>Prunus avium</i> L.). <i>BMC Plant Biology</i> , 2021, 21, 173.	1.6	11
108	Bioinformatics and Expression Analysis of IDA-Like Genes Reveal Their Potential Functions in Flower Abscission and Stress Response in Tobacco (<i>Nicotiana tabacum</i> L.). <i>Frontiers in Genetics</i> , 2021, 12, 670794.	1.1	3
109	An Evolutionarily Conserved Coreceptor Gene Is Essential for CLAVATA Signaling in Marchantia polymorpha. <i>Frontiers in Plant Science</i> , 2021, 12, 657548.	1.7	16
110	IDA (INFLORESCENCE DEFICIENT IN ABSCISSION)-like peptides and HAE (HAESA)-like receptors regulate corolla abscission in <i>Nicotiana benthamiana</i> flowers. <i>BMC Plant Biology</i> , 2021, 21, 226.	1.6	13

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111	Brassinosteroids suppress ethylene-induced fruitlet abscission through LcBZR1/2-mediated transcriptional repression of <i>LcACS1</i> and <i>LcACO2</i> in litchi. <i>Horticulture Research</i> , 2021, 8, 105.	2.9	17
112	A new method to visualize CEP hormone-CEP receptor interactions in vascular tissue <i>in vivo</i> . <i>Journal of Experimental Botany</i> , 2021, 72, 6164-6174.	2.4	7
113	Advances and perspectives in discovery and functional analysis of small secreted proteins in plants. <i>Horticulture Research</i> , 2021, 8, 130.	2.9	20
114	The sequenced genomes of nonflowering land plants reveal the innovative evolutionary history of peptide signaling. <i>Plant Cell</i> , 2021, 33, 2915-2934.	3.1	30
115	Chemical control of receptor kinase signaling by rapamycin-induced dimerization. <i>Molecular Plant</i> , 2021, 14, 1379-1390.	3.9	12
116	CLAVATA3, a plant peptide controlling stem cell fate in the meristem. <i>Peptides</i> , 2021, 142, 170579.	1.2	10
117	CASPARIAN STRIP INTEGRITY FACTOR (CIF) family peptides - regulator of plant extracellular barriers. <i>Peptides</i> , 2021, 143, 170599.	1.2	5
118	Phytocytokines function as immunological modulators of plant immunity. <i>Stress Biology</i> , 2021, 1, 8.	1.5	37
119	Pathogen- and plant-derived peptides trigger plant immunity. <i>Peptides</i> , 2021, 144, 170611.	1.2	6
120	Molecular mechanisms of plant peptide binding to receptors. <i>Peptides</i> , 2021, 144, 170614.	1.2	7
121	Protein Phosphorylation in Plant Cell Signaling. <i>Methods in Molecular Biology</i> , 2021, 2358, 45-71.	0.4	9
126	Crystal structure of the leucine-rich repeat ectodomain of the plant immune receptor kinase SOBIR1. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 488-497.	1.1	11
127	Polyproline II Helix as a Recognition Motif of Plant Peptide Hormones and Flagellin Peptide flg22. <i>Protein and Peptide Letters</i> , 2019, 26, 684-690.	0.4	1
128	Emerging roles of pathogen-secreted host mimics in plant disease development. <i>Trends in Parasitology</i> , 2021, 37, 1082-1095.	1.5	8
134	Genome-Wide Analysis of HAESA/HAESA-Like Kinase Family in Rice. <i>American Journal of Plant Sciences</i> , 2020, 11, 1254-1269.	0.3	0
135	A peptide encoding gene MdCLE8 regulates lateral root development in apple. <i>Plant Cell, Tissue and Organ Culture</i> , 2022, 148, 419-427.	1.2	1
136	Crystal structure of the extracellular domain of the receptor-like kinase TMK3 from <i>Arabidopsis thaliana</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2020, 76, 384-390.	0.4	3
137	The Phloem Intercalated With Xylem-Correlated 3 Receptor-Like Kinase Constitutively Interacts With Brassinosteroid Insensitive 1-Associated Receptor Kinase 1 and Is Involved in Vascular Development in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 706633.	1.7	6

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138	The LcKNAT1-LcEIL2/3 Regulatory Module Is Involved in Fruitlet Abscission in Litchi. <i>Frontiers in Plant Science</i> , 2021, 12, 802016.	1.7	4
139	DeepLRR: An Online Webserver for Leucine-Rich-Repeat Containing Protein Characterization Based on Deep Learning. <i>Plants</i> , 2022, 11, 136.	1.6	5
140	Receptor-like protein kinases in plant reproduction: Current understanding and future perspectives. <i>Plant Communications</i> , 2022, 3, 100273.	3.6	16
141	Essential roles of SERKs in the ROOT MERISTEM GROWTH FACTOR-mediated signaling pathway. <i>Plant Physiology</i> , 2022, 189, 165-177.	2.3	11
142	MAP kinase cascades in plant development and immune signaling. <i>EMBO Reports</i> , 2022, 23, e53817.	2.0	41
143	HSL1 and BAM1/2 impact epidermal cell development by sensing distinct signaling peptides. <i>Nature Communications</i> , 2022, 13, 876.	5.8	24
145	Phytocytokine signalling reopens stomata in plant immunity and water loss. <i>Nature</i> , 2022, 605, 332-339.	13.7	64
146	Perception of a conserved family of plant signalling peptides by the receptor kinase HSL3. <i>ELife</i> , 0, 11, .	2.8	20
148	Floral organ abscission in Arabidopsis requires the combined activities of three TALE homeodomain transcription factors. <i>Journal of Experimental Botany</i> , 2022, 73, 6150-6169.	2.4	5
150	The INFLORESCENCE DEFICIENT IN ABSCISSION-LIKE6 Peptide Functions as a Positive Modulator of Leaf Senescence in Arabidopsis thaliana. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	3
153	Biogenesis of post-translationally modified peptide signals for plant reproductive development. <i>Current Opinion in Plant Biology</i> , 2022, 69, 102274.	3.5	13
154	Role of somatic embryogenesis receptor-like kinase family in plants. , 2023, , 121-138.		0
155	PEP7 acts as a peptide ligand for the receptor kinase SIRK1 to regulate aquaporin-mediated water influx and lateral root growth. <i>Molecular Plant</i> , 2022, 15, 1615-1631.	3.9	11
156	Transcriptome and targeted hormone metabolome reveal the molecular mechanisms of flower abscission in camellia. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	2
157	Involvement of IDA-HAE Module in Natural Development of Tomato Flower Abscission. <i>Plants</i> , 2023, 12, 185.	1.6	3
158	Mechanisms controlling plant proteases and their substrates. <i>Cell Death and Differentiation</i> , 2023, 30, 1047-1058.	5.0	1
159	Brt9SIDA/IDALS as peptide signals mediate diverse biological pathways in plants. <i>Plant Science</i> , 2023, 330, 111642.	1.7	0
160	Morphological Characterization of Metamorphosis in Stamens of Anemone barbulata Turcz. (Ranunculaceae). <i>Agronomy</i> , 2023, 13, 554.	1.3	1

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162	Genetics of destemming in pepper: A step towards mechanical harvesting. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	0
163	Structural insight of peptide-ligand recognition by plant membrane receptors. <i>Plant Morphology</i> , 2022, 34, 29-36.	0.1	0
164	Functional Expression of the Ectodomain of Plant Receptor Kinases in Plant Suspension Culture. <i>Methods in Molecular Biology</i> , 2023, , 129-143.	0.4	0
168	Peptidomics Methods Applied to the Study of Flower Development. <i>Methods in Molecular Biology</i> , 2023, , 509-536.	0.4	0