Qi Xie

List of Publications by Year
in descending order

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159 papers	16,118 citations	16411 64 h-index	17546 121 g-index
162 all docs	162 docs citations	162 times ranked	14714 citing authors

#	Article	IF	Citations
1	Arabidopsis NAC1 transduces auxin signal downstream of TIR1 to promote lateral root development. Genes and Development, 2000, 14, 3024-3036.	2.7	821
2	Two Faces of One Seed: Hormonal Regulation of Dormancy and Germination. Molecular Plant, 2016, 9, 34-45.	3.9	709
3	The negative regulator of plant cold responses, HOS1, is a RING E3 ligase that mediates the ubiquitination and degradation of ICE1. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8281-8286.	3.3	585
4	OST1 Kinase Modulates Freezing Tolerance by Enhancing ICE1 Stability in Arabidopsis. Developmental Cell, 2015, 32, 278-289.	3.1	491
5	SINAT5 promotes ubiquitin-related degradation of NAC1 to attenuate auxin signals. Nature, 2002, 419, 167-170.	13.7	417
6	Spotted leaf11, a Negative Regulator of Plant Cell Death and Defense, Encodes a U-Box/Armadillo Repeat Protein Endowed with E3 Ubiquitin Ligase Activitywâƒž. Plant Cell, 2004, 16, 2795-2808.	3.1	385
7	The riceHIGH-TILLERING DWARF1encoding an ortholog of Arabidopsis MAX3 is required for negative regulation of the outgrowth of axillary buds. Plant Journal, 2006, 48, 687-698.	2.8	357
8	Dual function of Arabidopsis ATAF1 in abiotic and biotic stress responses. Cell Research, 2009, 19, 1279-1290.	5.7	354
9	High-Efficiency Genome Editing in Arabidopsis Using YAO Promoter-Driven CRISPR/Cas9 System. Molecular Plant, 2015, 8, 1820-1823.	3.9	349
10	SDIR1 Is a RING Finger E3 Ligase That Positively Regulates Stress-Responsive Abscisic Acid Signaling in Arabidopsis. Plant Cell, 2007, 19, 1912-1929.	3.1	342
11	COP1 and ELF3 Control Circadian Function and Photoperiodic Flowering by Regulating GI Stability. Molecular Cell, 2008, 32, 617-630.	4.5	330
12	ABI4 Regulates Primary Seed Dormancy by Regulating the Biogenesis of Abscisic Acid and Gibberellins in Arabidopsis. PLoS Genetics, 2013, 9, e1003577.	1.5	330
13	Role of the Arabidopsis thaliana NAC transcription factors ANAC019 and ANAC055 in regulating jasmonic acid-signaled defense responses. Cell Research, 2008, 18, 756-767.	5.7	310
14	Deciphering the Diploid Ancestral Genome of the MesohexaploidBrassica rapaÂ Â. Plant Cell, 2013, 25, 1541-1554.	3.1	309
15	BIK1 interacts with PEPRs to mediate ethylene-induced immunity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6205-6210.	3.3	291
16	Insights into salt tolerance from the genome of Thellungiella salsuginea. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12219-12224.	3.3	272
17	An efficient system to detect protein ubiquitination by agroinfiltration inNicotiana benthamiana. Plant Journal, 2010, 61, 893-903.	2.8	268
18	Nitrateâ€“NRT1.1Bâ€“SPX4 cascade integrates nitrogen and phosphorus signalling networks in plants. Nature Plants, 2019, 5, 401-413.	4.7	263

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19	Degradation of the ABA co-receptor ABI1 by PUB12/13 U-box E3 ligases. Nature Communications, 2015, 6, 8630.	5.8	256
20	ArabidopsisUbiquitin Conjugase UBC32 Is an ERAD Component That Functions in Brassinosteroid-Mediated Salt Stress Tolerance Â. Plant Cell, 2012, 24, 233-244.	3.1	226
21	Integration of Light- and Brassinosteroid-Signaling Pathways by a GATA Transcription Factor in Arabidopsis. Developmental Cell, 2010, 19, 872-883.	3.1	219
22	Pattern of Auxin and Cytokinin Responses for Shoot Meristem Induction Results from the Regulation of Cytokinin Biosynthesis by AUXIN RESPONSE FACTOR3 Â Â. Plant Physiology, 2012, 161, 240-251.	2.3	218
23	Plant cells contain a novel member of the retinoblastoma family of growth regulatory proteins.. EMBO Journal, 1996, 15, 4900-4908.	3.5	217
24	GRAB proteins, novel members of the NAC domain family, isolated by their interaction with a geminivirus protein. Plant Molecular Biology, 1999, 39, 647-656.	2.0	209
25	BSCTV C2 Attenuates the Degradation of SAMDC1 to Suppress DNA Methylation-Mediated Gene Silencing in Arabidopsis Â Â. Plant Cell, 2011, 23, 273-288.	3.1	201
26	A chemical-regulated inducible RNAi system in plants. Plant Journal, 2003, 34, 383-392.	2.8	194
27	Transcriptional Regulation of Arabidopsis MIR168a and ARGONAUTE1 Homeostasis in Abscisic Acid and Abiotic Stress Responses Â. Plant Physiology, 2012, 158, 1279-1292.	2.3	182
28	Photosynthetic Regulation Under Salt Stress and Salt-Tolerance Mechanism of Sweet Sorghum. Frontiers in Plant Science, 2019, 10, 1722.	1.7	179
29	The CCCH-Type Zinc Finger Proteins AtSZF1 and AtSZF2 Regulate Salt Stress Responses in Arabidopsis. Plant and Cell Physiology, 2007, 48, 1148-1158.	1.5	175
30	<scp>ABI</scp>4 mediates antagonistic effects of abscisic acid and gibberellins at transcript and protein levels. Plant Journal, 2016, 85, 348-361.	2.8	164
31	Identification and analysis of a retinoblastoma binding motif in the replication protein of a plant DNA virus: requirement for efficient viral DNA replication.. EMBO Journal, 1995, 14, 4073-4082.	3.5	162
32	The Arabidopsis RING Finger E3 Ligase RHA2a Is a Novel Positive Regulator of Abscisic Acid Signaling during Seed Germination and Early Seedling Development Â Â Â. Plant Physiology, 2009, 150, 463-481.	2.3	162
33	A Regulatory Module Controlling Homeostasis of a Plant Immune Kinase. Molecular Cell, 2018, 69, 493-504.e6.	4.5	161
34	The SINA E3 Ligase OsDIS1 Negatively Regulates Drought Response in Rice Â Â Â. Plant Physiology, 2011, 157, 242-255.	2.3	158
35	The Arabidopsis SUMO E3 ligase AtMMS21, a homologue of NSE2/MMS21, regulates cell proliferation in the root. Plant Journal, 2009, 60, 666-678.	2.8	145
36	Targeted Degradation of the Cyclin-Dependent Kinase Inhibitor ICK4/KRP6 by RING-Type E3 Ligases Is Essential for Mitotic Cell Cycle Progression duringArabidopsisGametogenesis Â. Plant Cell, 2008, 20, 1538-1554.	3.1	142

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37	The endoplasmic reticulum-associated degradation is necessary for plant salt tolerance. Cell Research, 2011, 21, 957-969.	5.7	136
38	The RING Finger Ubiquitin E3 Ligase SDIR1 Targets SDIR1-INTERACTING PROTEIN1 for Degradation to Modulate the Salt Stress Response and ABA Signaling inArabidopsis. Plant Cell, 2015, 27, 214-227.	3.1	136
39	The RING Finger Ubiquitin E3 Ligase OsHTAS Enhances Heat Tolerance by Promoting H2O2-Induced Stomatal Closure in Rice. Plant Physiology, 2015, 170, 429-443.	2.3	136
40	OsSDIR1 overexpression greatly improves drought tolerance in transgenic rice. Plant Molecular Biology, 2011, 76, 145-156.	2.0	133
41	AtPUB19, a U-Box E3 Ubiquitin Ligase, Negatively Regulates Abscisic Acid and Drought Responses in Arabidopsis thaliana. Molecular Plant, 2011, 4, 938-946.	3.9	130
42	Ubiquitinâ€“Proteasome System in ABA Signaling: From Perception to Action. Molecular Plant, 2016, 9, 21-33.	3.9	130
43	Tomato SlSnRK1 Protein Interacts with and Phosphorylates Î²C1, a Pathogenesis Protein Encoded by a Geminivirus Î²-Satellite Â Â Â. Plant Physiology, 2011, 157, 1394-1406.	2.3	129
44	The U-Box/ARM E3 Ligase PUB13 Regulates Cell Death, Defense, and Flowering Time in Arabidopsis Â Â Â. Plant Physiology, 2012, 159, 239-250.	2.3	129
45	RKP, a RING finger E3 ligase induced by BSCTV C4 protein, affects geminivirus infection by regulation of the plant cell cycle. Plant Journal, 2009, 57, 905-917.	2.8	127
46	The Arabidopsis RING Finger E3 Ligase RHA2b Acts Additively with RHA2a in Regulating Abscisic Acid Signaling and Drought Response Â Â Â. Plant Physiology, 2011, 156, 550-563.	2.3	122
47	SINAT E3 Ligases Control the Light-Mediated Stability of the Brassinosteroid-Activated Transcription Factor BES1 in Arabidopsis. Developmental Cell, 2017, 41, 47-58.e4.	3.1	118
48	The U-Box E3 Ubiquitin Ligase TUD1 Functions with a Heterotrimeric G Î± Subunit to Regulate Brassinosteroid-Mediated Growth in Rice. PLoS Genetics, 2013, 9, e1003391.	1.5	117
49	ABSCISIC ACID-INSENSITIVE 4 negatively regulates flowering through directly promoting ArabidopsisFLOWERING LOCUS Ctranscription. Journal of Experimental Botany, 2016, 67, 195-205.	2.4	112
50	Precise protein post-translational modifications modulate ABI5 activity. Trends in Plant Science, 2015, 20, 569-575.	4.3	111
51	An E3ÂUbiquitin Ligase-BAG Protein Module Controls Plant Innate Immunity and Broad-Spectrum Disease Resistance. Cell Host and Microbe, 2016, 20, 758-769.	5.1	109
52	TRAF Family Proteins Regulate Autophagy Dynamics by Modulating AUTOPHAGY PROTEIN6 Stability in Arabidopsis. Plant Cell, 2017, 29, 890-911.	3.1	108
53	TheArabidopsisF-Box Protein CORONATINE INSENSITIVE1 Is Stabilized by SCFCOI1 and Degraded via the 26S Proteasome Pathway Â. Plant Cell, 2013, 25, 486-498.	3.1	107
54	Strigolactone and Karrikin Signaling Pathways Elicit Ubiquitination and Proteolysis of SMXL2 to Regulate Hypocotyl Elongation in Arabidopsis. Plant Cell, 2020, 32, 2251-2270.	3.1	103

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55	Identification of Drought Tolerant Mechanisms in Maize Seedlings Based on Transcriptome Analysis of Recombination Inbred Lines. Frontiers in Plant Science, 2016, 7, 1080.	1.7	98
56	F-box protein RAE1 regulates the stability of the aluminum-resistance transcription factor STOP1 in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 319-327.	3.3	98
57	The E3 ligase OsPUB15 interacts with the receptor-like kinase PID2 and regulates plant cell death and innate immunity. BMC Plant Biology, 2015, 15, 49.	1.6	90
58	ESCRT-I Component VPS23A Affects ABA Signaling by Recognizing ABA Receptors for Endosomal Degradation. Molecular Plant, 2016, 9, 1570-1582.	3.9	87
59	The Interactions among DWARF10, Auxin and Cytokinin Underlie Lateral Bud Outgrowth in Rice. Journal of Integrative Plant Biology, 2010, 52, 626-638.	4.1	84
60	Characterization of Small Interfering RNAs Derived from the Geminivirus/Betasatellite Complex Using Deep Sequencing. PLoS ONE, 2011, 6, e16928.	1.1	81
61	Tobacco RING E3 Ligase NtRFP1 Mediates Ubiquitination and Proteasomal Degradation of a Geminivirus-Encoded Î²C1. Molecular Plant, 2016, 9, 911-925.	3.9	80
62	POD1 Regulates Pollen Tube Guidance in Response to Micropylar Female Signaling and Acts in Early Embryo Patterning inArabidopsisÂ Â. Plant Cell, 2011, 23, 3288-3302.	3.1	71
63	DCL4 Targets Cucumber Mosaic Virus Satellite RNA at Novel Secondary Structures. Journal of Virology, 2007, 81, 9142-9151.	1.5	69
64	Involvement of C4 Protein of Beet Severe Curly Top Virus (Family Geminiviridae) in Virus Movement. PLoS ONE, 2010, 5, e11280.	1.1	68
65	Up-regulation ofLSB1/GDU3affects geminivirus infection by activating the salicylic acid pathway. Plant Journal, 2010, 62, 12-23.	2.8	67
66	A plantâ€specific in vitro ubiquitination analysis system. Plant Journal, 2013, 74, 524-533.	2.8	67
67	E3 ubiquitin ligase SOR1 regulates ethylene response in rice root by modulating stability of Aux/IAA protein. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4513-4518.	3.3	66
68	Knockout of the AtCESA2 Gene Affects Microtubule Orientation and Causes Abnormal Cell Expansion in Arabidopsis. Plant Physiology, 2007, 143, 213-224.	2.3	62
69	Boosted expression of the SARS-CoV nucleocapsid protein in tobacco and its immunogenicity in mice. Vaccine, 2009, 27, 5001-5007.	1.7	62
70	S-acylation of a geminivirus C4 protein is essential for regulating the CLAVATA pathway in symptom determination. Journal of Experimental Botany, 2018, 69, 4459-4468.	2.4	62
71	The RING finger E3 ligase STRF1 is involved in membrane trafficking and modulates saltâ€stress response in Arabidopsis thaliana. Plant Journal, 2015, 82, 81-92.	2.8	61
72	Identification and analysis of a retinoblastoma binding motif in the replication protein of a plant DNA virus: requirement for efficient viral DNA replication. EMBO Journal, 1995, 14, 4073-82.	3.5	59

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73	Arabidopsis RING Peroxins are E3 Ubiquitin Ligases that Interact with Two Homologous Ubiquitin Receptor Proteins^F. Journal of Integrative Plant Biology, 2013, 55, 108-120.	4.1	56
74	<scp>C</scp>2â€mediated decrease in <scp>DNA</scp> methylation, accumulation of si<scp>RNA</scp>s, and increase in expression for genes involved in defense pathways in plants infected with beet severe curly top virus. Plant Journal, 2013, 73, 910-917.	2.8	54
75	A Ubiquitin Ligase of Symbiosis Receptor Kinase Involved in Nodule Organogenesis Â Â Â. Plant Physiology, 2012, 160, 106-117.	2.3	52
76	E3 ubiquitin ligase gene <scp>CMPG</scp>1â€“V from Haynaldia villosa L. contributes to powdery mildew resistance in common wheat (Triticum aestivum L.). Plant Journal, 2015, 84, 154-168.	2.8	52
77	ArabidopsisSDIR1 Enhances Drought Tolerance in Crop Plants. Bioscience, Biotechnology and Biochemistry, 2008, 72, 2251-2254.	0.6	51
78	Insights into endoplasmic reticulumâ€associated degradation in plants. New Phytologist, 2020, 226, 345-350.	3.5	51
79	Comparison Analysis of Transcripts from the Halophyte Thellungiella halophila. Journal of Integrative Plant Biology, 2008, 50, 1327-1335.	4.1	50
80	The anaphaseâ€promoting complex initiates zygote division in Arabidopsis through degradation of cyclin B1. Plant Journal, 2016, 86, 161-174.	2.8	46
81	ERAD-related E2 and E3 enzymes modulate the drought response by regulating the stability of PIP2 aquaporins. Plant Cell, 2021, 33, 2883-2898.	3.1	44
82	Regulation of Ubiquitination Is Central to the Phosphate Starvation Response. Trends in Plant Science, 2019, 24, 755-769.	4.3	43
83	Balancing growth and adaptation to stress: Crosstalk between brassinosteroid and abscisic acid signaling. Plant, Cell and Environment, 2020, 43, 2325-2335.	2.8	43
84	RING finger ubiquitin E3 ligase gene TaSDIR1-4A contributes to determination of grain size in common wheat. Journal of Experimental Botany, 2020, 71, 5377-5388.	2.4	43
85	HRD1-mediated ERAD tuning of ER-bound E2 is conserved between plants and mammals. Nature Plants, 2016, 2, 16094.	4.7	39
86	The sHSP22 Heat Shock Protein Requires the ABI1 Protein Phosphatase to Modulate Polar Auxin Transport and Downstream Responses. Plant Physiology, 2018, 176, 2406-2425.	2.3	39
87	Loss of CDKC;2 increases both cell division and drought tolerance in Arabidopsis thaliana. Plant Journal, 2017, 91, 816-828.	2.8	37
88	Control of Bird Feeding Behavior by Tannin1 through Modulating the Biosynthesis of Polyphenols and Fatty Acid-Derived Volatiles in Sorghum. Molecular Plant, 2019, 12, 1315-1324.	3.9	37
89	ESCRT-I Component VPS23A Sustains Salt Tolerance by Strengthening the SOS Module in Arabidopsis. Molecular Plant, 2020, 13, 1134-1148.	3.9	37
90	Sustainable Agriculture: From Sweet Sorghum Planting and Ensiling to Ruminant Feeding. Molecular Plant, 2019, 12, 603-606.	3.9	36

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91	The UBC27â€“AIRP3 ubiquitination complex modulates ABA signaling by promoting the degradation of ABI1 in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27694-27702.	3.3	36
92	A Bunyavirus-Inducible Ubiquitin Ligase Targets RNA Polymerase IV for Degradation during Viral Pathogenesis in Rice. Molecular Plant, 2020, 13, 836-850.	3.9	36
93	Phytophthora sojae effector Avr1d functions as an E2 competitor and inhibits ubiquitination activity of GmPUB13 to facilitate infection. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	35
94	Structure and activity of SLAC1 channels for stomatal signaling in leaves. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	35
95	Systemic antiviral silencing in plants. Virus Research, 2006, 118, 1-6.	1.1	34
96	A SUMO Ligase AtMMS21 Regulates the Stability of the Chromatin Remodeler BRAHMA in Root Development. Plant Physiology, 2017, 173, 1574-1582.	2.3	34
97	Nonâ€26S Proteasome Proteolytic Role of Ubiquitin in Plant Endocytosis and Endosomal Trafficking^F. Journal of Integrative Plant Biology, 2013, 55, 54-63.	4.1	33
98	OsRFPH2-10, a RING-H2 Finger E3 Ubiquitin Ligase, Is Involved in Rice Antiviral Defense in the Early Stages of Rice dwarf virus Infection. Molecular Plant, 2014, 7, 1057-1060.	3.9	33
99	PARAQUAT TOLERANCE3 Is an E3 Ligase That Switches off Activated Oxidative Response by Targeting Histone-Modifying PROTEIN METHYLTRANSFERASE4b. PLoS Genetics, 2016, 12, e1006332.	1.5	33
100	Non-26S Proteasome Endomembrane Trafficking Pathways in ABA Signaling. Trends in Plant Science, 2017, 22, 976-985.	4.3	32
101	The Î²5 subunit is essential for intact 26S proteasome assembly to specifically promote plant autotrophic growth under salt stress. New Phytologist, 2019, 221, 1359-1368.	3.5	32
102	Degradation of SERRATE via ubiquitin-independent 20S proteasome to survey RNA metabolism. Nature Plants, 2020, 6, 970-982.	4.7	32
103	In Vitro Protein Ubiquitination Assay. Methods in Molecular Biology, 2011, 876, 163-172.	0.4	30
104	An E3 Ligase Affects the NLR Receptor Stability and Immunity to Powdery Mildew. Plant Physiology, 2016, 172, 2504-2515.	2.3	30
105	The RING E3 ligase SDIR1 destabilizes EBF1/EBF2 and modulates the ethylene response to ambient temperature fluctuations in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	30
106	BLOS1, a putative BLOC-1 subunit, interacts with SNX1 and modulates root growth in Arabidopsis. Journal of Cell Science, 2010, 123, 3727-3733.	1.2	27
107	Abscisic acid. , 2017, , 161-202.		26
108	Specific and efficient cleavage of fusion proteins by recombinant plum pox virus NIa protease. Protein Expression and Purification, 2008, 57, 153-162.	0.6	25

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109	Ectopic expression of a LEA protein gene TsLEA1 from Thellungiella salsuginea confers salt-tolerance in yeast and Arabidopsis. Molecular Biology Reports, 2012, 39, 4627-4633.	1.0	24
110	ERAD Tuning of the HRD1 Complex Component AtOS9 Is Modulated by an ER-Bound E2, UBC32. Molecular Plant, 2017, 10, 891-894.	3.9	24
111	The E3 Ligase AtRDUF1 Positively Regulates Salt Stress Responses in Arabidopsis thaliana. PLoS ONE, 2013, 8, e71078.	1.1	23
112	ESCRT-I Component VPS23A Is Targeted by E3ÂUbiquitin Ligase XBAT35 for Proteasome-Mediated Degradation in Modulating ABA Signaling. Molecular Plant, 2020, 13, 1556-1569.	3.9	23
113	TRIM-9 functions in the UNC-6/UNC-40 pathway to regulate ventral guidance. Journal of Genetics and Genomics, 2011, 38, 1-11.	1.7	22
114	DNA Geminivirus Infection Induces an Imprinted E3 Ligase Gene to Epigenetically Activate Viral Gene Transcription. Plant Cell, 2020, 32, 3256-3272.	3.1	22
115	Cysteine protease RD21A regulated by E3 ligase SINAT4 is required for drought-induced resistance to Pseudomonas syringae in Arabidopsis. Journal of Experimental Botany, 2020, 71, 5562-5576.	2.4	22
116	Generation of glyco-engineered BY2 cell lines with decreased expression of plant-specific glycoepitopes. Protein and Cell, 2011, 2, 41-47.	4.8	21
117	Efficient Generation of Marker-Free Transgenic Rice Plants Using an Improved Transposon-Mediated Transgene Reintegration Strategy. Plant Physiology, 2015, 167, 11-24.	2.3	21
118	UBC32 Mediated Oxidative Tolerance in Arabidopsis. Journal of Genetics and Genomics, 2012, 39, 415-417.	1.7	20
119	Mouse RING finger protein Rnf133 is a testis-specific endoplasmic reticulum-associated E3 ubiquitin ligase. Cell Research, 2008, 18, 800-802.	5.7	19
120	The deubiquitinases UBP12 and UBP13 integrate with the E3 ubiquitin ligase XBAT35.2 to modulate VPS23A stability in ABA signaling. Science Advances, 2022, 8, eabl5765.	4.7	18
121	A large insert Thellungiella halophila BIBAC library for genomics and identification of stress tolerance genes. Plant Molecular Biology, 2010, 72, 91-99.	2.0	17
122	Unfolded protein response activation compensates endoplasmic reticulumâ€associated degradation deficiency in Arabidopsis. Journal of Integrative Plant Biology, 2017, 59, 506-521.	4.1	17
123	Creation of fragrant sorghum by CRISPR/Cas9. Journal of Integrative Plant Biology, 2022, 64, 961-964.	4.1	16
124	OsDIS1-mediated stress response pathway in rice. Plant Signaling and Behavior, 2011, 6, 1684-1686.	1.2	15
125	Endoplasmic reticulum-related E3 ubiquitin ligases: Key regulators of plant growth and stress responses. Plant Communications, 2021, 2, 100186.	3.6	15
126	CERBERUS is critical for stabilization of VAPYRIN during rhizobial infection in Lotus japonicus. New Phytologist, 2021, 229, 1684-1700.	3.5	15

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127	Natural variation in Glume Coverage 1 causes naked grains in sorghum. Nature Communications, 2022, 13, 1068.	5.8	15
128	Ubiquitin ligase <scp>OsRINGzf1</scp> regulates drought resistance by controlling the turnover of <scp>OsPIP2</scp>;1. Plant Biotechnology Journal, 2022, 20, 1743-1755.	4.1	15
129	ZmbHLH124 identified in maize recombinant inbred lines contributes to drought tolerance in crops. Plant Biotechnology Journal, 2021, 19, 2069-2081.	4.1	14
130	Genetic Architecture of Grain Yield-Related Traits in Sorghum and Maize. International Journal of Molecular Sciences, 2022, 23, 2405.	1.8	14
131	The Ever Expanding Role of Ubiquitin and SUMO in Plant Biology. Journal of Integrative Plant Biology, 2013, 55, 5-6.	4.1	13
132	Danger peptide signaling enhances internalization of a geminivirus symptom determinant in plant cells during infection. Journal of Experimental Botany, 2020, 71, 2817-2827.	2.4	13
133	Heterotrimeric G protein signalling in plant biotic and abiotic stress response. Plant Biology, 2021, 23, 20-30.	1.8	13
134	An ORFeome of rice E3 ubiquitin ligases for global analysis of the ubiquitination interactome. Genome Biology, 2022, 23, .	3.8	13
135	Ubiquitination in Abscisic Acid-Related Pathway. Journal of Integrative Plant Biology, 2007, 49, 87-93.	4.1	12
136	Identification of a Ubiquitin-Binding Structure in the S-Locus F-Box Protein Controlling S-RNase-Based Self-Incompatibility. Journal of Genetics and Genomics, 2012, 39, 93-102.	1.7	12
137	Cautionary Notes on the Usage of abi1-2 and abi1-3 Mutants of Arabidopsis ABI1 for Functional Studies. Molecular Plant, 2015, 8, 335-338.	3.9	12
138	The Potential of Marine Ferromanganese Nodules From Eastern Pacific as Recorders of Earth's Magnetic Field Changes During the Past 4.7ÂMyr: A Geochronological Study by Magnetic Scanning and Authigenic ¹⁰Be/⁹Be Dating. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018639.	1.4	12
139	RING finger proteins of infectious spleen and kidney necrosis virus (ISKNV) function as ubiquitin ligase enzymes. Virus Research, 2007, 123, 170-177.	1.1	11
140	Comparative expression analysis of three genes from the Arabidopsis vacuolar Na+/H+ antiporter (AtNHX) family in relation to abiotic stresses. Science Bulletin, 2007, 52, 1754-1763.	1.7	11
141	DRD1â€Pol Vâ€dependent selfâ€silencing of an exogenous silencer restricts the nonâ€cell autonomous silencing of an endogenous target gene. Plant Journal, 2011, 68, 633-645.	2.8	11
142	A disulphide isomerase gene (PDI-V) from Haynaldia villosa contributes to powdery mildew resistance in common wheat. Scientific Reports, 2016, 6, 24227.	1.6	11
143	An ABHD17-like hydrolase screening system to identify de-S-acylation enzymes of protein substrates in plant cells. Plant Cell, 2021, 33, 3235-3249.	3.1	11
144	Importation of chloroplast proteins under heat stress is facilitated by their SUMO conjugations. New Phytologist, 2022, 235, 173-187.	3.5	11

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145	Growth phase-dependent expression of proteins with decreased plant-specific N-glycans and immunogenicity in tobacco BY2 cells. Science in China Series C: Life Sciences, 2009, 52, 739-746.	1.3	10
146	Structural analysis of 83-kb genomic DNA from Thellungiella halophila: Sequence features and microcolinearity between salt cress and Arabidopsis thaliana. Genomics, 2009, 94, 324-332.	1.3	10
147	Comparative Transcriptome Analysis of Two Sweet Sorghum Genotypes with Different Salt Tolerance Abilities to Reveal the Mechanism of Salt Tolerance. International Journal of Molecular Sciences, 2022, 23, 2272.	1.8	10
148	In Vivo Ubiquitination Assay by Agroinfiltration. Methods in Molecular Biology, 2011, 876, 153-162.	0.4	8
149	The prospect of sweet sorghum as the source for high biomass crop. , 2018, 02, .		8
150	Concurrent Deficiency of Gibberellins and Abscisic Acid Causes Plant Male Sterility. Journal of Genetics and Genomics, 2014, 41, 601-604.	1.7	7
151	An effective system for detecting protein-protein interaction based on in vivo cleavage by PPV NIa protease. Protein and Cell, 2012, 3, 921-928.	4.8	4
152	Coordinative regulation of ERAD and selective autophagy in plants. Essays in Biochemistry, 2022, 66, 179-188.	2.1	4
153	Ubiquitination modification precisely modulates the ABA signaling pathway in plants. Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji, 2017, 39, 692-706.	0.1	3
154	Rice SIAH E3 Ligases Interact with RMD Formin and Affect Plant Morphology. Rice, 2022, 15, 6.	1.7	3
155	Understanding Abiotic Stresses and the Solution. Journal of Integrative Plant Biology, 2008, 50, 1185-1186.	4.1	2
156	Approaches to Determine Protein Ubiquitination Residue Types. Methods in Molecular Biology, 2016, 1450, 3-10.	0.4	1
157	Approaches to Identify Protein Ubiquitination Sites in Plants. Methods in Molecular Biology, 2019, 2026, 85-93.	0.4	1
158	Cautionary Notes on the Usage of abi1-2 and abi1-3 Mutants of Arabidopsis ABI1 for Functional Studies. Molecular Plant, 2014, , .	3.9	0
159	Novel Pathway Regulates ABA Perception: How ESCRTs Regulate Stability of ABA Receptors. Journal of Cell Signaling, 2018, 03, .	0.3	0