

Qi Xie

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

149
papers

11,390
citations

58
h-index

105
g-index

162
ext. papers

14,263
ext. citations

9.3
avg, IF

6.16
L-index

#	Paper	IF	Citations
149	Rice SIAH E3 Ligases Interact with RMD Formin and Affect Plant Morphology.. <i>Rice</i> , 2022 , 15, 6	5.8	0
148	Natural variation in Glume Coverage 1 causes naked grains in sorghum.. <i>Nature Communications</i> , 2022 , 13, 1068	17.4	2
147	The deubiquitinases UBP12 and UBP13 integrate with the E3 ubiquitin ligase XBAT35.2 to modulate VPS23A stability in ABA signaling.. <i>Science Advances</i> , 2022 , 8, eabl5765	14.3	1
146	CERBERUS is critical for stabilization of VAPYRIN during rhizobial infection in <i>Lotus japonicus</i> . <i>New Phytologist</i> , 2021 , 229, 1684-1700	9.8	3
145	effector Avr1d functions as an E2 competitor and inhibits ubiquitination activity of GmPUB13 to facilitate infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	5
144	Structure and activity of SLAC1 channels for stomatal signaling in leaves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	8
143	ERAD-related E2 and E3 enzymes modulate the drought response by regulating the stability of PIP2 aquaporins. <i>Plant Cell</i> , 2021 , 33, 2883-2898	11.6	7
142	Endoplasmic reticulum-related E3 ubiquitin ligases: Key regulators of plant growth and stress responses. <i>Plant Communications</i> , 2021 , 2, 100186	9	2
141	ZmbHLH124 identified in maize recombinant inbred lines contributes to drought tolerance in crops. <i>Plant Biotechnology Journal</i> , 2021 , 19, 2069-2081	11.6	3
140	The RING E3 ligase SDIR1 destabilizes EBF1/EBF2 and modulates the ethylene response to ambient temperature fluctuations in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	15
139	Heterotrimeric G protein signalling in plant biotic and abiotic stress response. <i>Plant Biology</i> , 2021 , 23 Suppl 1, 20-30	3.7	3
138	An ABHD17-like hydrolase screening system to identify de-S-acylation enzymes of protein substrates in plant cells. <i>Plant Cell</i> , 2021 , 33, 3235-3249	11.6	0
137	Strigolactone and Karrikin Signaling Pathways Elicit Ubiquitination and Proteolysis of SMXL2 to Regulate Hypocotyl Elongation in Arabidopsis. <i>Plant Cell</i> , 2020 , 32, 2251-2270	11.6	38
136	RING finger ubiquitin E3 ligase gene TaSDIR1-4A contributes to determination of grain size in common wheat. <i>Journal of Experimental Botany</i> , 2020 , 71, 5377-5388	7	13
135	The Potential of Marine Ferromanganese Nodules From Eastern Pacific as Recorders of Earth's Magnetic Field Changes During the Past 4.7 Myr: A Geochronological Study by Magnetic Scanning and Authigenic ¹⁰ Be/ ⁹ Be Dating. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2019JB018639	3.6	7
134	Cysteine protease RD21A regulated by E3 ligase SINAT4 is required for drought-induced resistance to <i>Pseudomonas syringae</i> in Arabidopsis. <i>Journal of Experimental Botany</i> , 2020 , 71, 5562-5576	7	4
133	A Bunyavirus-Inducible Ubiquitin Ligase Targets RNA Polymerase IV for Degradation during Viral Pathogenesis in Rice. <i>Molecular Plant</i> , 2020 , 13, 836-850	14.4	11

132	Danger peptide signaling enhances internalization of a geminivirus symptom determinant in plant cells during infection. <i>Journal of Experimental Botany</i> , 2020 , 71, 2817-2827	7	6
131	ESCRT-I Component VPS23A Sustains Salt Tolerance by Strengthening the SOS Module in Arabidopsis. <i>Molecular Plant</i> , 2020 , 13, 1134-1148	14.4	14
130	Insights into endoplasmic reticulum-associated degradation in plants. <i>New Phytologist</i> , 2020 , 226, 345-350	15	15
129	The UBC27-AIRP3 ubiquitination complex modulates ABA signaling by promoting the degradation of ABI1 in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 27694-27702	11.5	8
128	Degradation of SERRATE via ubiquitin-independent 20S proteasome to survey RNA metabolism. <i>Nature Plants</i> , 2020 , 6, 970-982	11.5	9
127	Balancing growth and adaptation to stress: Crosstalk between brassinosteroid and abscisic acid signaling. <i>Plant, Cell and Environment</i> , 2020 , 43, 2325-2335	8.4	15
126	DNA Geminivirus Infection Induces an Imprinted E3 Ligase Gene to Epigenetically Activate Viral Gene Transcription. <i>Plant Cell</i> , 2020 , 32, 3256-3272	11.6	11
125	ESCRT-I Component VPS23A Is Targeted by E3 Ubiquitin Ligase XBAT35 for Proteasome-Mediated Degradation in Modulating ABA Signaling. <i>Molecular Plant</i> , 2020 , 13, 1556-1569	14.4	7
124	Regulation of Ubiquitination Is Central to the Phosphate Starvation Response. <i>Trends in Plant Science</i> , 2019 , 24, 755-769	13.1	27
123	Sustainable Agriculture: From Sweet Sorghum Planting and Ensiling to Ruminant Feeding. <i>Molecular Plant</i> , 2019 , 12, 603-606	14.4	11
122	Nitrate-NRT1.1B-SPX4 cascade integrates nitrogen and phosphorus signalling networks in plants. <i>Nature Plants</i> , 2019 , 5, 401-413	11.5	133
121	Photosynthetic Regulation Under Salt Stress and Salt-Tolerance Mechanism of Sweet Sorghum. <i>Frontiers in Plant Science</i> , 2019 , 10, 1722	6.2	73
120	Control of Bird Feeding Behavior by Tannin1 through Modulating the Biosynthesis of Polyphenols and Fatty Acid-Derived Volatiles in Sorghum. <i>Molecular Plant</i> , 2019 , 12, 1315-1324	14.4	14
119	Approaches to Identify Protein Ubiquitination Sites in Plants. <i>Methods in Molecular Biology</i> , 2019 , 2026, 85-93	1.4	0
118	F-box protein RAE1 regulates the stability of the aluminum-resistance transcription factor STOP1 in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 319-327	11.5	54
117	The B subunit is essential for intact 26S proteasome assembly to specifically promote plant autotrophic growth under salt stress. <i>New Phytologist</i> , 2019 , 221, 1359-1368	9.8	19
116	E3 ubiquitin ligase SOR1 regulates ethylene response in rice root by modulating stability of Aux/IAA protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4513-4518	11.5	39
115	A Regulatory Module Controlling Homeostasis of a Plant Immune Kinase. <i>Molecular Cell</i> , 2018 , 69, 493-504	11.6	88

114	The sHSP22 Heat Shock Protein Requires the ABI1 Protein Phosphatase to Modulate Polar Auxin Transport and Downstream Responses. <i>Plant Physiology</i> , 2018 , 176, 2406-2425	6.6	26
113	S-acylation of a geminivirus C4 protein is essential for regulating the CLAVATA pathway in symptom determination. <i>Journal of Experimental Botany</i> , 2018 , 69, 4459-4468	7	34
112	The prospect of sweet sorghum as the source for high biomass crop 2018 , 02,		5
111	ERAD Tuning of the HRD1 Complex Component AtOS9 Is Modulated by an ER-Bound E2, UBC32. <i>Molecular Plant</i> , 2017 , 10, 891-894	14.4	12
110	A SUMO Ligase AtMMS21 Regulates the Stability of the Chromatin Remodeler BRAHMA in Root Development. <i>Plant Physiology</i> , 2017 , 173, 1574-1582	6.6	26
109	SINAT E3 Ligases Control the Light-Mediated Stability of the Brassinosteroid-Activated Transcription Factor BES1 in Arabidopsis. <i>Developmental Cell</i> , 2017 , 41, 47-58.e4	10.2	65
108	Unfolded protein response activation compensates endoplasmic reticulum-associated degradation deficiency in Arabidopsis. <i>Journal of Integrative Plant Biology</i> , 2017 , 59, 506-521	8.3	11
107	Loss of CDKC;2 increases both cell division and drought tolerance in Arabidopsis thaliana. <i>Plant Journal</i> , 2017 , 91, 816-828	6.9	26
106	TRAF Family Proteins Regulate Autophagy Dynamics by Modulating AUTOPHAGY PROTEIN6 Stability in Arabidopsis. <i>Plant Cell</i> , 2017 , 29, 890-911	11.6	60
105	Non-26S Proteasome Endomembrane Trafficking Pathways in ABA Signaling. <i>Trends in Plant Science</i> , 2017 , 22, 976-985	13.1	26
104	Abscisic acid 2017 , 161-202		16
103	Ubiquitination modification precisely modulates the ABA signaling pathway in plants. <i>Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji</i> , 2017 , 39, 692-706	1.4	3
102	Two Faces of One Seed: Hormonal Regulation of Dormancy and Germination. <i>Molecular Plant</i> , 2016 , 9, 34-45	14.4	382
101	Ubiquitin-Proteasome System in ABA Signaling: From Perception to Action. <i>Molecular Plant</i> , 2016 , 9, 21-33	14.4	97
100	The RING Finger Ubiquitin E3 Ligase OsHTAS Enhances Heat Tolerance by Promoting H2O2-Induced Stomatal Closure in Rice. <i>Plant Physiology</i> , 2016 , 170, 429-43	6.6	93
99	Approaches to Determine Protein Ubiquitination Residue Types. <i>Methods in Molecular Biology</i> , 2016 , 1450, 3-10	1.4	1
98	ESCRT-I Component VPS23A Affects ABA Signaling by Recognizing ABA Receptors for Endosomal Degradation. <i>Molecular Plant</i> , 2016 , 9, 1570-1582	14.4	53
97	An E3 Ligase Affects the NLR Receptor Stability and Immunity to Powdery Mildew. <i>Plant Physiology</i> , 2016 , 172, 2504-2515	6.6	21

96	HRD1-mediated ERAD tuning of ER-bound E2 is conserved between plants and mammals. <i>Nature Plants</i> , 2016 , 2, 16094	11.5	24
95	ABSCISIC ACID-INSENSITIVE 4 negatively regulates flowering through directly promoting Arabidopsis FLOWERING LOCUS C transcription. <i>Journal of Experimental Botany</i> , 2016 , 67, 195-205	7	74
94	PARAQUAT TOLERANCE3 Is an E3 Ligase That Switches off Activated Oxidative Response by Targeting Histone-Modifying PROTEIN METHYLTRANSFERASE4b. <i>PLoS Genetics</i> , 2016 , 12, e1006332	6	17
93	Identification of Drought Tolerant Mechanisms in Maize Seedlings Based on Transcriptome Analysis of Recombination Inbred Lines. <i>Frontiers in Plant Science</i> , 2016 , 7, 1080	6.2	67
92	ABI4 mediates antagonistic effects of abscisic acid and gibberellins at transcript and protein levels. <i>Plant Journal</i> , 2016 , 85, 348-61	6.9	90
91	The anaphase-promoting complex initiates zygote division in Arabidopsis through degradation of cyclin B1. <i>Plant Journal</i> , 2016 , 86, 161-74	6.9	19
90	A disulphide isomerase gene (PDI-V) from <i>Haynaldia villosa</i> contributes to powdery mildew resistance in common wheat. <i>Scientific Reports</i> , 2016 , 6, 24227	4.9	10
89	An E3 Ubiquitin Ligase-BAG Protein Module Controls Plant Innate Immunity and Broad-Spectrum Disease Resistance. <i>Cell Host and Microbe</i> , 2016 , 20, 758-769	23.4	59
88	Tobacco RING E3 Ligase NtRFP1 Mediates Ubiquitination and Proteasomal Degradation of a Geminivirus-Encoded Ω 1. <i>Molecular Plant</i> , 2016 , 9, 911-25	14.4	59
87	The RING finger E3 ligase STRF1 is involved in membrane trafficking and modulates salt-stress response in Arabidopsis thaliana. <i>Plant Journal</i> , 2015 , 82, 81-92	6.9	42
86	The E3 ligase OsPUB15 interacts with the receptor-like kinase PID2 and regulates plant cell death and innate immunity. <i>BMC Plant Biology</i> , 2015 , 15, 49	5.3	56
85	Degradation of the ABA co-receptor ABI1 by PUB12/13 U-box E3 ligases. <i>Nature Communications</i> , 2015 , 6, 8630	17.4	159
84	Efficient generation of marker-free transgenic rice plants using an improved transposon-mediated transgene reintegration strategy. <i>Plant Physiology</i> , 2015 , 167, 11-24	6.6	17
83	E3 ubiquitin ligase gene CMPG1-V from <i>Haynaldia villosa</i> L. contributes to powdery mildew resistance in common wheat (<i>Triticum aestivum</i> L.). <i>Plant Journal</i> , 2015 , 84, 154-68	6.9	35
82	Precise protein post-translational modifications modulate ABI5 activity. <i>Trends in Plant Science</i> , 2015 , 20, 569-75	13.1	70
81	High-Efficiency Genome Editing in Arabidopsis Using YAO Promoter-Driven CRISPR/Cas9 System. <i>Molecular Plant</i> , 2015 , 8, 1820-3	14.4	217
80	OST1 kinase modulates freezing tolerance by enhancing ICE1 stability in Arabidopsis. <i>Developmental Cell</i> , 2015 , 32, 278-89	10.2	310
79	Cautionary notes on the usage of abi1-2 and abi1-3 mutants of Arabidopsis ABI1 for functional studies. <i>Molecular Plant</i> , 2015 , 8, 335-8	14.4	6

78	The RING finger ubiquitin E3 ligase SDIR1 targets SDIR1-INTERACTING PROTEIN1 for degradation to modulate the salt stress response and ABA signaling in Arabidopsis. <i>Plant Cell</i> , 2015 , 27, 214-27	11.6	103
77	OsRFPH2-10, a ring-H2 finger E3 ubiquitin ligase, is involved in rice antiviral defense in the early stages of rice dwarf virus infection. <i>Molecular Plant</i> , 2014 , 7, 1057-1060	14.4	21
76	Concurrent deficiency of gibberellins and abscisic acid causes plant male sterility. <i>Journal of Genetics and Genomics</i> , 2014 , 41, 601-4	4	5
75	Protein Ubiquitination and Sumoylation in ABA Signaling 2014 , 177-190		
74	Non-26S proteasome proteolytic role of ubiquitin in plant endocytosis and endosomal trafficking(F). <i>Journal of Integrative Plant Biology</i> , 2013 , 55, 54-63	8.3	23
73	Arabidopsis RING peroxins are E3 ubiquitin ligases that interact with two homologous ubiquitin receptor proteins(F). <i>Journal of Integrative Plant Biology</i> , 2013 , 55, 108-20	8.3	45
72	A plant-specific in vitro ubiquitination analysis system. <i>Plant Journal</i> , 2013 , 74, 524-33	6.9	45
71	C2-mediated decrease in DNA methylation, accumulation of siRNAs, and increase in expression for genes involved in defense pathways in plants infected with beet severe curly top virus. <i>Plant Journal</i> , 2013 , 73, 910-7	6.9	47
70	The U-box E3 ubiquitin ligase TUD1 functions with a heterotrimeric G βsubunit to regulate Brassinosteroid-mediated growth in rice. <i>PLoS Genetics</i> , 2013 , 9, e1003391	6	80
69	ABI4 regulates primary seed dormancy by regulating the biogenesis of abscisic acid and gibberellins in arabidopsis. <i>PLoS Genetics</i> , 2013 , 9, e1003577	6	211
68	The Arabidopsis F-box protein CORONATINE INSENSITIVE1 is stabilized by SCFCO11 and degraded via the 26S proteasome pathway. <i>Plant Cell</i> , 2013 , 25, 486-98	11.6	82
67	Deciphering the diploid ancestral genome of the Mesohexaploid Brassica rapa. <i>Plant Cell</i> , 2013 , 25, 1541-54	11.6	247
66	BIK1 interacts with PEPRs to mediate ethylene-induced immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 6205-10	11.5	201
65	The E3 ligase AtrDUF1 positively regulates salt stress responses in Arabidopsis thaliana. <i>PLoS ONE</i> , 2013 , 8, e71078	3.7	17
64	Pattern of auxin and cytokinin responses for shoot meristem induction results from the regulation of cytokinin biosynthesis by AUXIN RESPONSE FACTOR3. <i>Plant Physiology</i> , 2013 , 161, 240-51	6.6	160
63	Ectopic expression of a LEA protein gene TsLEA1 from Thellungiella salsuginea confers salt-tolerance in yeast and Arabidopsis. <i>Molecular Biology Reports</i> , 2012 , 39, 4627-33	2.8	21
62	A ubiquitin ligase of symbiosis receptor kinase involved in nodule organogenesis. <i>Plant Physiology</i> , 2012 , 160, 106-17	6.6	37
61	UBC32 mediated oxidative tolerance in Arabidopsis. <i>Journal of Genetics and Genomics</i> , 2012 , 39, 415-7	4	11

60	Arabidopsis ubiquitin conjugase UBC32 is an ERAD component that functions in brassinosteroid-mediated salt stress tolerance. <i>Plant Cell</i> , 2012 , 24, 233-44	11.6	181
59	Identification of a ubiquitin-binding structure in the S-locus F-box protein controlling S-RNase-based self-incompatibility. <i>Journal of Genetics and Genomics</i> , 2012 , 39, 93-102	4	12
58	An effective system for detecting protein-protein interaction based on in vivo cleavage by PPV NIa protease. <i>Protein and Cell</i> , 2012 , 3, 921-8	7.2	3
57	Transcriptional regulation of Arabidopsis MIR168a and argonaute1 homeostasis in abscisic acid and abiotic stress responses. <i>Plant Physiology</i> , 2012 , 158, 1279-92	6.6	143
56	Insights into salt tolerance from the genome of <i>Thellungiella salsuginea</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 12219-24	11.5	227
55	In vivo ubiquitination assay by agroinfiltration. <i>Methods in Molecular Biology</i> , 2012 , 876, 153-62	1.4	8
54	In vitro protein ubiquitination assay. <i>Methods in Molecular Biology</i> , 2012 , 876, 163-72	1.4	25
53	The U-Box/ARM E3 ligase PUB13 regulates cell death, defense, and flowering time in Arabidopsis. <i>Plant Physiology</i> , 2012 , 159, 239-50	6.6	100
52	TRIM-9 functions in the UNC-6/UNC-40 pathway to regulate ventral guidance. <i>Journal of Genetics and Genomics</i> , 2011 , 38, 1-11	4	18
51	DRD1-Pol V-dependent self-silencing of an exogenous silencer restricts the non-cell autonomous silencing of an endogenous target gene. <i>Plant Journal</i> , 2011 , 68, 633-45	6.9	9
50	OsSDIR1 overexpression greatly improves drought tolerance in transgenic rice. <i>Plant Molecular Biology</i> , 2011 , 76, 145-56	4.6	107
49	Generation of glyco-engineered BY2 cell lines with decreased expression of plant-specific glycoepitopes. <i>Protein and Cell</i> , 2011 , 2, 41-7	7.2	17
48	OsDIS1-mediated stress response pathway in rice. <i>Plant Signaling and Behavior</i> , 2011 , 6, 1684-6	2.5	10
47	AtPUB19, a U-box E3 ubiquitin ligase, negatively regulates abscisic acid and drought responses in Arabidopsis thaliana. <i>Molecular Plant</i> , 2011 , 4, 938-46	14.4	82
46	BSCTV C2 attenuates the degradation of SAMDC1 to suppress DNA methylation-mediated gene silencing in Arabidopsis. <i>Plant Cell</i> , 2011 , 23, 273-88	11.6	166
45	The SINA E3 ligase OsDIS1 negatively regulates drought response in rice. <i>Plant Physiology</i> , 2011 , 157, 242-55	6.6	105
44	POD1 regulates pollen tube guidance in response to micropylar female signaling and acts in early embryo patterning in Arabidopsis. <i>Plant Cell</i> , 2011 , 23, 3288-302	11.6	58
43	The Arabidopsis RING finger E3 ligase RHA2b acts additively with RHA2a in regulating abscisic acid signaling and drought response. <i>Plant Physiology</i> , 2011 , 156, 550-63	6.6	105

42	Tomato SlSnRK1 protein interacts with and phosphorylates Cl1 , a pathogenesis protein encoded by a geminivirus β satellite. <i>Plant Physiology</i> , 2011 , 157, 1394-406	6.6	91
41	The endoplasmic reticulum-associated degradation is necessary for plant salt tolerance. <i>Cell Research</i> , 2011 , 21, 957-69	24.7	106
40	Characterization of small interfering RNAs derived from the geminivirus/betasatellite complex using deep sequencing. <i>PLoS ONE</i> , 2011 , 6, e16928	3.7	68
39	The interactions among DWARF10, auxin and cytokinin underlie lateral bud outgrowth in rice. <i>Journal of Integrative Plant Biology</i> , 2010 , 52, 626-38	8.3	41
38	An efficient system to detect protein ubiquitination by agroinfiltration in <i>Nicotiana benthamiana</i> . <i>Plant Journal</i> , 2010 , 61, 893-903	6.9	202
37	Up-regulation of LSB1/GDU3 affects geminivirus infection by activating the salicylic acid pathway. <i>Plant Journal</i> , 2010 , 62, 12-23	6.9	52
36	BLOS1, a putative BLOC-1 subunit, interacts with SNX1 and modulates root growth in <i>Arabidopsis</i> . <i>Journal of Cell Science</i> , 2010 , 123, 3727-33	5.3	23
35	Integration of light- and brassinosteroid-signaling pathways by a GATA transcription factor in <i>Arabidopsis</i> . <i>Developmental Cell</i> , 2010 , 19, 872-83	10.2	167
34	A large insert <i>Thellungiella halophila</i> BIBAC library for genomics and identification of stress tolerance genes. <i>Plant Molecular Biology</i> , 2010 , 72, 91-9	4.6	16
33	Involvement of C4 protein of beet severe curly top virus (family Geminiviridae) in virus movement. <i>PLoS ONE</i> , 2010 , 5, e11280	3.7	45
32	The <i>Arabidopsis</i> RING finger E3 ligase RHA2a is a novel positive regulator of abscisic acid signaling during seed germination and early seedling development. <i>Plant Physiology</i> , 2009 , 150, 463-81	6.6	137
31	Growth phase-dependent expression of proteins with decreased plant-specific N-glycans and immunogenicity in tobacco BY2 cells. <i>Science in China Series C: Life Sciences</i> , 2009 , 52, 739-46		6
30	RKP, a RING finger E3 ligase induced by BSCTV C4 protein, affects geminivirus infection by regulation of the plant cell cycle. <i>Plant Journal</i> , 2009 , 57, 905-17	6.9	100
29	The <i>Arabidopsis</i> SUMO E3 ligase AtMMS21, a homologue of NSE2/MMS21, regulates cell proliferation in the root. <i>Plant Journal</i> , 2009 , 60, 666-78	6.9	130
28	Dual function of <i>Arabidopsis</i> ATAF1 in abiotic and biotic stress responses. <i>Cell Research</i> , 2009 , 19, 1279-90	24.7	278
27	Boosted expression of the SARS-CoV nucleocapsid protein in tobacco and its immunogenicity in mice. <i>Vaccine</i> , 2009 , 27, 5001-7	4.1	50
26	Structural analysis of 83-kb genomic DNA from <i>Thellungiella halophila</i> : sequence features and microcolinearity between salt cress and <i>Arabidopsis thaliana</i> . <i>Genomics</i> , 2009 , 94, 324-32	4.3	10
25	Role of the <i>Arabidopsis thaliana</i> NAC transcription factors ANAC019 and ANAC055 in regulating jasmonic acid-signaled defense responses. <i>Cell Research</i> , 2008 , 18, 756-67	24.7	252

24	Mouse RING finger protein Rnf133 is a testis-specific endoplasmic reticulum-associated E3 ubiquitin ligase. <i>Cell Research</i> , 2008 , 18, 800-2	24.7	14
23	COP1 and ELF3 control circadian function and photoperiodic flowering by regulating GI stability. <i>Molecular Cell</i> , 2008 , 32, 617-30	17.6	273
22	Specific and efficient cleavage of fusion proteins by recombinant plum pox virus NIa protease. <i>Protein Expression and Purification</i> , 2008 , 57, 153-62	2	20
21	Targeted degradation of the cyclin-dependent kinase inhibitor ICK4/KRP6 by RING-type E3 ligases is essential for mitotic cell cycle progression during Arabidopsis gametogenesis. <i>Plant Cell</i> , 2008 , 20, 1538-54	11.6	123
20	Arabidopsis SDIR1 enhances drought tolerance in crop plants. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008 , 72, 2251-4	2.1	44
19	Comparison analysis of transcripts from the halophyte <i>Thellungiella halophila</i> . <i>Journal of Integrative Plant Biology</i> , 2008 , 50, 1327-35	8.3	46
18	Ubiquitination in Abscisic Acid-Related Pathway. <i>Journal of Integrative Plant Biology</i> , 2007 , 49, 87-93	8.3	11
17	Comparative expression analysis of three genes from the Arabidopsis vacuolar Na ⁺ /H ⁺ antiporter (AtNHX) family in relation to abiotic stresses. <i>Science Bulletin</i> , 2007 , 52, 1754-1763		8
16	SDIR1 is a RING finger E3 ligase that positively regulates stress-responsive abscisic acid signaling in Arabidopsis. <i>Plant Cell</i> , 2007 , 19, 1912-29	11.6	293
15	Knockout of the AtCESA2 gene affects microtubule orientation and causes abnormal cell expansion in Arabidopsis. <i>Plant Physiology</i> , 2007 , 143, 213-24	6.6	49
14	The CCCH-type zinc finger proteins AtSZF1 and AtSZF2 regulate salt stress responses in Arabidopsis. <i>Plant and Cell Physiology</i> , 2007 , 48, 1148-58	4.9	144
13	DCL4 targets Cucumber mosaic virus satellite RNA at novel secondary structures. <i>Journal of Virology</i> , 2007 , 81, 9142-51	6.6	64
12	RING finger proteins of infectious spleen and kidney necrosis virus (ISKNV) function as ubiquitin ligase enzymes. <i>Virus Research</i> , 2007 , 123, 170-7	6.4	10
11	The negative regulator of plant cold responses, HOS1, is a RING E3 ligase that mediates the ubiquitination and degradation of ICE1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 8281-6	11.5	475
10	Systemic antiviral silencing in plants. <i>Virus Research</i> , 2006 , 118, 1-6	6.4	32
9	The rice HIGH-TILLERING DWARF1 encoding an ortholog of Arabidopsis MAX3 is required for negative regulation of the outgrowth of axillary buds. <i>Plant Journal</i> , 2006 , 48, 687-98	6.9	297
8	Spotted leaf11, a negative regulator of plant cell death and defense, encodes a U-box/armadillo repeat protein endowed with E3 ubiquitin ligase activity. <i>Plant Cell</i> , 2004 , 16, 2795-808	11.6	299
7	A chemical-regulated inducible RNAi system in plants. <i>Plant Journal</i> , 2003 , 34, 383-92	6.9	173

6	SINAT5 promotes ubiquitin-related degradation of NAC1 to attenuate auxin signals. <i>Nature</i> , 2002 , 419, 167-70	50.4	359
5	Arabidopsis NAC1 transduces auxin signal downstream of TIR1 to promote lateral root development. <i>Genes and Development</i> , 2000 , 14, 3024-36	12.6	657
4	GRAB proteins, novel members of the NAC domain family, isolated by their interaction with a geminivirus protein. <i>Plant Molecular Biology</i> , 1999 , 39, 647-56	4.6	186
3	Plant cells contain a novel member of the retinoblastoma family of growth regulatory proteins.. <i>EMBO Journal</i> , 1996 , 15, 4900-4908	13	151
2	Identification and analysis of a retinoblastoma binding motif in the replication protein of a plant DNA virus: requirement for efficient viral DNA replication.. <i>EMBO Journal</i> , 1995 , 14, 4073-4082	13	124
1	Identification and analysis of a retinoblastoma binding motif in the replication protein of a plant DNA virus: requirement for efficient viral DNA replication. <i>EMBO Journal</i> , 1995 , 14, 4073-82	13	59