

Ning Wei

List of Publications by Year in descending order

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74
papers

10,049
citations

61984

43
h-index

79698

73
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75
all docs

75
docs citations

75
times ranked

6728
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted destabilization of HY5 during light-regulated development of Arabidopsis. <i>Nature</i> , 2000, 405, 462-466.	27.8	1,227
2	Promotion of NEDD8-CUL1 Conjugate Cleavage by COP9 Signalosome. <i>Science</i> , 2001, 292, 1382-1385.	12.6	641
3	Molecular Interaction between COP1 and HY5 Defines a Regulatory Switch for Light Control of Arabidopsis Development. <i>Molecular Cell</i> , 1998, 1, 213-222.	9.7	628
4	COP1, an arabidopsis regulatory gene, encodes a protein with both a zinc-binding motif and a G^2 homologous domain. <i>Cell</i> , 1992, 71, 791-801.	28.9	597
5	The COP9 Signalosome. <i>Annual Review of Cell and Developmental Biology</i> , 2003, 19, 261-286.	9.4	462
6	Arabidopsis bZIP Protein HY5 Directly Interacts with Light-Responsive Promoters in Mediating Light Control of Gene Expression. <i>Plant Cell</i> , 1998, 10, 673-683.	6.6	418
7	The COP9 signalosome: more than a protease. <i>Trends in Biochemical Sciences</i> , 2008, 33, 592-600.	7.5	383
8	Arabidopsis COP9 is a component of a novel signaling complex mediating light control of development. <i>Cell</i> , 1994, 78, 117-124.	28.9	380
9	The COP9 Complex, a Novel Multisubunit Nuclear Regulator Involved in Light Control of a Plant Developmental Switch. <i>Cell</i> , 1996, 86, 115-121.	28.9	319
10	CAND1 Binds to Unneddylated CUL1 and Regulates the Formation of SCF Ubiquitin E3 Ligase Complex. <i>Molecular Cell</i> , 2002, 10, 1519-1526.	9.7	294
11	The COP9 complex is conserved between plants and mammals and is related to the 26S proteasome regulatory complex. <i>Current Biology</i> , 1998, 8, 919-924.	3.9	249
12	Making sense of the COP9 signalosome: a regulatory protein complex conserved from Arabidopsis to human. <i>Trends in Genetics</i> , 1999, 15, 98-103.	6.7	233
13	The COP9 Signalosome Interacts Physically with SCFCO11 and Modulates Jasmonate Responses. <i>Plant Cell</i> , 2003, 15, 1083-1094.	6.6	198
14	Targeted Degradation of Abscisic Acid Receptors Is Mediated by the Ubiquitin Ligase Substrate Adaptor DDA1 in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 712-728.	6.6	186
15	DELLA-mediated PIF degradation contributes to coordination of light and gibberellin signalling in Arabidopsis. <i>Nature Communications</i> , 2016, 7, 11868.	12.8	172
16	The COP9 Signalosome Inhibits p27kip1 Degradation and Impedes G1-S Phase Progression via Deneddylation of SCF Cul1. <i>Current Biology</i> , 2002, 12, 667-672.	3.9	163
17	Conversion from CUL4-based COP1-SPA E3 apparatus to UVR8-COP1-SPA complexes underlies a distinct biochemical function of COP1 under UV-B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16669-16674.	7.1	163
18	The COP9 Signalosome Interacts with SCFUFO and Participates in Arabidopsis Flower Development. <i>Plant Cell</i> , 2003, 15, 1071-1082.	6.6	159

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19	DEN1 Is a Dual Function Protease Capable of Processing the C Terminus of Nedd8 and Deconjugating Hyper-neddylated CUL1. <i>Journal of Biological Chemistry</i> , 2003, 278, 28882-28891.	3.4	154
20	Disruption of the COP9 Signalosome Csn2 Subunit in Mice Causes Deficient Cell Proliferation, Accumulation of p53 and Cyclin E, and Early Embryonic Death. <i>Molecular and Cellular Biology</i> , 2003, 23, 6790-6797.	2.3	142
21	Ethylene-orchestrated circuitry coordinates a seedling's response to soil cover and etiolated growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3913-3920.	7.1	142
22	Unified nomenclature for the COP9 signalosome and its subunits: an essential regulator of development. <i>Trends in Genetics</i> , 2000, 16, 202-203.	6.7	136
23	<i>Arabidopsis</i> SAURs are critical for differential light regulation of the development of various organs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6071-6076.	7.1	127
24	Seedlings Transduce the Depth and Mechanical Pressure of Covering Soil Using COP1 and Ethylene to Regulate EBF1/EBF2 for Soil Emergence. <i>Current Biology</i> , 2016, 26, 139-149.	3.9	120
25	The Roles of Photoreceptor Systems and the COP1-Targeted Destabilization of HY5 in Light Control of <i>Arabidopsis</i> Seedling Development. <i>Plant Physiology</i> , 2000, 124, 1520-1524.	4.8	116
26	COP9 signalosome subunit 8 is essential for peripheral T cell homeostasis and antigen receptor-induced entry into the cell cycle from quiescence. <i>Nature Immunology</i> , 2007, 8, 1236-1245.	14.5	116
27	COP9 Signalosome Subunit 3 Is Essential for Maintenance of Cell Proliferation in the Mouse Embryonic Epiblast. <i>Molecular and Cellular Biology</i> , 2003, 23, 6798-6808.	2.3	107
28	COP9 Signalosome Regulates Autophagosome Maturation. <i>Circulation</i> , 2011, 124, 2117-2128.	1.6	102
29	The subunit 1 of the COP9 signalosome suppresses gene expression through its N-terminal domain and incorporates into the complex through the PCI domain. <i>Journal of Molecular Biology</i> , 2001, 305, 1-9.	4.2	96
30	Perturbation of Cullin Deneddylation via Conditional Csn8 Ablation Impairs the Ubiquitin-Proteasome System and Causes Cardiomyocyte Necrosis and Dilated Cardiomyopathy in Mice. <i>Circulation Research</i> , 2011, 108, 40-50.	4.5	95
31	Light-Dependent Degradation of PIF3 by SCFEFB1/2 Promotes a Photomorphogenic Response in <i>Arabidopsis</i> . <i>Current Biology</i> , 2017, 27, 2420-2430.e6.	3.9	95
32	<i>Arabidopsis</i> cop8 and fus4 Mutations Define the Same Gene That Encodes Subunit 4 of the COP9 Signalosome. <i>Plant Cell</i> , 1999, 11, 1967-1979.	6.6	94
33	The Red Light Receptor Phytochrome B Directly Enhances Substrate-E3 Ligase Interactions to Attenuate Ethylene Responses. <i>Developmental Cell</i> , 2016, 39, 597-610.	7.0	91
34	Combinatorial interaction of light-responsive elements plays a critical role in determining the response characteristics of light-regulated promoters in <i>Arabidopsis</i> . <i>Plant Journal</i> , 1998, 15, 69-77.	5.7	89
35	CSN1 N-Terminal-dependent Activity Is Required for <i>Arabidopsis</i> Development But Not for Rub1/Nedd8 Deconjugation of Cullins: A Structure-Function Study of CSN1 Subunit of COP9 Signalosome. <i>Molecular Biology of the Cell</i> , 2002, 13, 646-655.	2.1	78
36	Characterization and Purification of the Mammalian COP9 Complex, a Conserved Nuclear Regulator Initially Identified as a Repressor of Photomorphogenesis in Higher Plants. <i>Photochemistry and Photobiology</i> , 1998, 68, 237-241.	2.5	74

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37	The Transcription Factors TCP4 and PIF3 Antagonistically Regulate Organ-Specific Light Induction of SAUR Genes to Modulate Cotyledon Opening during De-Etiolation in Arabidopsis. <i>Plant Cell</i> , 2019, 31, 1155-1170.	6.6	74
38	Genome-wide regulation of light-controlled seedling morphogenesis by three families of transcription factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6482-6487.	7.1	68
39	Characterization of the Last Subunit of the Arabidopsis COP9 Signalosome: Implications for the Overall Structure and Origin of the Complex[W]. <i>Plant Cell</i> , 2003, 15, 719-731.	6.6	58
40	Major Vault Protein, in Concert with Constitutively Photomorphogenic 1, Negatively Regulates c-Jun-Mediated Activator Protein 1 Transcription in Mammalian Cells. <i>Cancer Research</i> , 2005, 65, 5835-5840.	0.9	57
41	The COP9 Signalosome Is Required for Autophagy, Proteasome-Mediated Proteolysis, and Cardiomyocyte Survival in Adult Mice. <i>Circulation: Heart Failure</i> , 2013, 6, 1049-1057.	3.9	56
42	The COP9 Signalosome regulates seed germination by facilitating protein degradation of RGL2 and ABI5. <i>PLoS Genetics</i> , 2018, 14, e1007237.	3.5	55
43	HY5 regulates nitrite reductase 1 (NIR1) and ammonium transporter1;2 (AMT1;2) in Arabidopsis seedlings. <i>Plant Science</i> , 2015, 238, 330-339.	3.6	49
44	The Cellular Level of PR500, a Protein Complex Related to the 19S Regulatory Particle of the Proteasome, Is Regulated in Response to Stresses in Plants. <i>Molecular Biology of the Cell</i> , 2001, 12, 383-392.	2.1	48
45	Mammalian DET1 Regulates Cul4A Activity and Forms Stable Complexes with E2 Ubiquitin-Conjugating Enzymes. <i>Molecular and Cellular Biology</i> , 2007, 27, 4708-4719.	2.3	46
46	SAUR17 and SAUR50 Differentially Regulate PP2C-D1 during Apical Hook Development and Cotyledon Opening in Arabidopsis. <i>Plant Cell</i> , 2020, 32, 3792-3811.	6.6	46
47	Association of SAP130/SF3b-3 with Cullin-RING ubiquitin ligase complexes and its regulation by the COP9 signalosome. <i>BMC Biochemistry</i> , 2008, 9, 1.	4.4	43
48	Regulation of COP1 nuclear localization by the COP9 signalosome via direct interaction with CSN1. <i>Plant Journal</i> , 2009, 58, 655-667.	5.7	40
49	Evidence for functional conservation of a mammalian homologue of the light-responsive plant protein COP1. <i>Current Biology</i> , 1999, 9, 711-S2.	3.9	39
50	Phosphorylation of FAR-RED ELONGATED HYPOCOTYL1 Is a Key Mechanism Defining Signaling Dynamics of Phytochrome A under Red and Far-Red Light in Arabidopsis. <i>Plant Cell</i> , 2012, 24, 1907-1920.	6.6	38
51	Cullin-RING Ubiquitin Ligase Family in Plant Abiotic Stress Pathways. <i>Journal of Integrative Plant Biology</i> , 2013, 55, 21-30.	8.5	38
52	Plant COP9 Signalosome subunit 5, CSN5. <i>Plant Science</i> , 2014, 224, 54-61.	3.6	37
53	COP9 Signalosome Controls the Degradation of Cytosolic Misfolded Proteins and Protects Against Cardiac Proteotoxicity. <i>Circulation Research</i> , 2015, 117, 956-966.	4.5	37
54	Characterization and Purification of the Mammalian COP9 Complex, a Conserved Nuclear Regulator Initially Identified as a Repressor of Photomorphogenesis in Higher Plants. <i>Photochemistry and Photobiology</i> , 1998, 68, 237.	2.5	35

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55	A simple and reliable assay for detecting specific nucleotide sequences in plants using optical thin-film biosensor chips. <i>Plant Journal</i> , 2007, 49, 354-366.	5.7	34
56	Inositol hexakisphosphate (IP6) generated by IP5K mediates cullin-COP9 signalosome interactions and CRL function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3503-3508.	7.1	33
57	An initial biochemical and cell biological characterization of the mammalian homologue of a central plant developmental switch, COP1. <i>BMC Cell Biology</i> , 2002, 3, 30.	3.0	29
58	The Minimal Deneddylase Core of the COP9 Signalosome Excludes the Csn6 MPN ^Δ Domain. <i>PLoS ONE</i> , 2012, 7, e43980.	2.5	29
59	Phytochrome B Induces Intron Retention and Translational Inhibition of PHYTOCHROME-INTERACTING FACTOR3. <i>Plant Physiology</i> , 2020, 182, 159-166.	4.8	29
60	Arabidopsis COP1 SUPPRESSOR 2 Represses COP1 E3 Ubiquitin Ligase Activity through Their Coiled-Coil Domains Association. <i>PLoS Genetics</i> , 2015, 11, e1005747.	3.5	23
61	Affinity purification reveals the association of WD40 protein constitutive photomorphogenic 1 with the hetero-oligomeric TCP-1 chaperonin complex in mammalian cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2006, 38, 1076-1083.	2.8	18
62	Arabidopsis COP8, COP10, and COP11 Genes Are Involved in Repression of Photomorphogenic Development in Darkness. <i>Plant Cell</i> , 1994, 6, 629.	6.6	17
63	Molecular insights into AabZIP1-mediated regulation on artemisinin biosynthesis and drought tolerance in <i>Artemisia annua</i> . <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1500-1513.	12.0	17
64	COP9 Signalosome Subunit Csn8 Is Involved in Maintaining Proper Duration of the G1 Phase. <i>Journal of Biological Chemistry</i> , 2013, 288, 20443-20452.	3.4	16
65	A gain-of-function phenotype conferred by over-expression of functional subunits of the COP9 signalosome in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2000, 23, 597-608.	5.7	14
66	TSA1 interacts with CSN1/CSN and may be functionally involved in <i>Arabidopsis</i> seedling development in darkness. <i>Journal of Genetics and Genomics</i> , 2011, 38, 539-546.	3.9	14
67	Evidence for FUS6 as a Component of the Nuclear-Localized COP9 Complex in <i>Arabidopsis</i> . <i>Plant Cell</i> , 1996, 8, 2047.	6.6	13
68	On the Structural Model of the COP9 Signalosome. <i>Structure</i> , 2009, 17, 1-2.	3.3	13
69	Gene structure and embryonic expression of mouse COP9 signalosome subunit 8 (Csn8). <i>Gene</i> , 2003, 321, 65-72.	2.2	12
70	Purification of the COP9 Signalosome from Porcine Spleen, Human Cell Lines, and <i>Arabidopsis thaliana</i> Plants. <i>Methods in Enzymology</i> , 2005, 398, 468-481.	1.0	10
71	Hepatic Deficiency of COP9 Signalosome Subunit 8 Induces Ubiquitin-Proteasome System Impairment and Bim-Mediated Apoptosis in Murine Livers. <i>PLoS ONE</i> , 2013, 8, e67793.	2.5	10
72	CSN1 inhibits c-Jun phosphorylation and down-regulates ectopic expression of JNK1. <i>Protein and Cell</i> , 2011, 2, 423-432.	11.0	7

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73	Immunodepletion and Immunopurification as Approaches for CSN Research. <i>Methods in Molecular Biology</i> , 2016, 1449, 103-116.	0.9	1
74	The COP9 signalosome subunit 8 (CSN8) hypomorphism impairs deneddylation and exacerbates desmin-related cardiomyopathy (DRC). <i>FASEB Journal</i> , 2013, 27, 1197.1.	0.5	0