

Nam-Chon Paek

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7098173/nam-chon-paek-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

75
papers

4,213
citations

33
h-index

64
g-index

85
ext. papers

5,513
ext. citations

6.5
avg, IF

5.33
L-index

#	Paper	IF	Citations
75	Inactivating transcription factor OsWRKY5 enhances drought tolerance through abscisic acid signaling pathways. <i>Plant Physiology</i> , 2021 ,	6.6	7
74	The Rice () Determines Leaf Angle and Grain Shape. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
73	Overexpression of Rice () Confers Enhanced Tolerance to Salt Stress in Rice. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	23
72	GIGANTEA Shapes the Photoperiodic Rhythms of Thermomorphogenic Growth in Arabidopsis. <i>Molecular Plant</i> , 2020 , 13, 459-470	14.4	19
71	Multilayered Regulation of Membrane-Bound ONAC054 Is Essential for Abscisic Acid-Induced Leaf Senescence in Rice. <i>Plant Cell</i> , 2020 , 32, 630-649	11.6	24
70	Rice ETHYLENE RESPONSE FACTOR 101 Promotes Leaf Senescence Through Jasmonic Acid-Mediated Regulation of and. <i>Frontiers in Plant Science</i> , 2020 , 11, 1096	6.2	19
69	OsWRKY5 Promotes Rice Leaf Senescence via Senescence-Associated NAC and Abscisic Acid Biosynthesis Pathway. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	15
68	Rice DNA-Binding One Zinc Finger 24 (OsDOF24) Delays Leaf Senescence in a Jasmonate-Mediated Pathway. <i>Plant and Cell Physiology</i> , 2019 , 60, 2065-2076	4.9	14
67	Chlorophyll Degradation and Light-harvesting Complex II Aggregate Formation During Dark-induced Leaf Senescence in Arabidopsis Pheophytinase Mutants 2019 , 62, 27-38		9
66	Rice transcription factor OsMYB102 delays leaf senescence by down-regulating abscisic acid accumulation and signaling. <i>Journal of Experimental Botany</i> , 2019 , 70, 2699-2715	7	20
65	Mutation of Enhances Grain Yield by Increasing Panicle Number and Delaying Leaf Senescence during Grain Filling in Rice. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	14
64	Light-dependent suppression of COP1 multimeric complex formation is determined by the blue-light receptor FKF1 in Arabidopsis. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 508, 191-197	3.4	4
63	The Rice () Encodes a Plant Spastin That Inhibits ROS Accumulation in Leaf Development and Functions in Leaf Senescence. <i>Frontiers in Plant Science</i> , 2018 , 9, 1925	6.2	12
62	Functional deficiency of phytochrome B improves salt tolerance in rice. <i>Environmental and Experimental Botany</i> , 2018 , 148, 100-108	5.9	8
61	Salt Treatments and Induction of Senescence. <i>Methods in Molecular Biology</i> , 2018 , 1744, 141-149	1.4	7
60	The Rice Rolled Fine Striped (RFS) CHD3/Mi-2 Chromatin Remodeling Factor Epigenetically Regulates Genes Involved in Oxidative Stress Responses During Leaf Development. <i>Frontiers in Plant Science</i> , 2018 , 9, 364	6.2	12
59	The rice zebra3 (z3) mutation disrupts citrate distribution and produces transverse dark-green/green variegation in mature leaves. <i>Rice</i> , 2018 , 11, 1	5.8	36

58	The MYB-related transcription factor RADIALIS-LIKE3 (OsRL3) functions in ABA-induced leaf senescence and salt sensitivity in rice. <i>Environmental and Experimental Botany</i> , 2018 , 156, 86-95	5.9	19
57	Two NADPH: Protochlorophyllide Oxidoreductase (POR) Isoforms Play Distinct Roles in Environmental Adaptation in Rice. <i>Rice</i> , 2017 , 10, 1	5.8	25
56	Arabidopsis EARLY FLOWERING3 increases salt tolerance by suppressing salt stress response pathways. <i>Plant Journal</i> , 2017 , 92, 1106-1120	6.9	38
55	Rice 7-Hydroxymethyl Chlorophyll Reductase Is Involved in the Promotion of Chlorophyll Degradation and Modulates Cell Death Signaling. <i>Molecules and Cells</i> , 2017 , 40, 773-786	3.5	13
54	Roles of rice PHYTOCHROME-INTERACTING FACTOR-LIKE1 (OsPIL1) in leaf senescence. <i>Plant Signaling and Behavior</i> , 2017 , 12, e1362522	2.5	6
53	OsASR5 enhances drought tolerance through a stomatal closure pathway associated with ABA and H ₂ O signalling in rice. <i>Plant Biotechnology Journal</i> , 2017 , 15, 183-196	11.6	117
52	Rice Phytochrome-Interacting Factor-Like1 (OsPIL1) is involved in the promotion of chlorophyll biosynthesis through feed-forward regulatory loops. <i>Journal of Experimental Botany</i> , 2017 , 68, 4103-4114	7	16
51	The F-box protein FKF1 inhibits dimerization of COP1 in the control of photoperiodic flowering. <i>Nature Communications</i> , 2017 , 8, 2259	17.4	34
50	Arabidopsis NAC016 promotes chlorophyll breakdown by directly upregulating STAYGREEN1 transcription. <i>Plant Cell Reports</i> , 2016 , 35, 155-66	5.1	51
49	OsWOX3A is involved in negative feedback regulation of the gibberellic acid biosynthetic pathway in rice (<i>Oryza sativa</i>). <i>Journal of Experimental Botany</i> , 2016 , 67, 1677-87	7	34
48	Gibberellic Acid: A Key Phytohormone for Spikelet Fertility in Rice Grain Production. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	25
47	Mutation of Rice Early Flowering3.1 (OsELF3.1) delays leaf senescence in rice. <i>Plant Molecular Biology</i> , 2016 , 92, 223-34	4.6	22
46	Regulatory role of the OsWOX3A transcription factor in rice root development. <i>Plant Signaling and Behavior</i> , 2016 , 11, e1184807	2.5	5
45	Casein kinases I and 2 phosphorylate oryza sativa pseudo-response regulator 37 (OsPRR37) in photoperiodic flowering in rice. <i>Molecules and Cells</i> , 2015 , 38, 81-8	3.5	22
44	The E3 Ubiquitin Ligase COP1 Regulates Thermosensory Flowering by Triggering GI Degradation in Arabidopsis. <i>Scientific Reports</i> , 2015 , 5, 12071	4.9	25
43	The Arabidopsis Transcription Factor NAC016 Promotes Drought Stress Responses by Repressing AREB1 Transcription through a Trifurcate Feed-Forward Regulatory Loop Involving NAP. <i>Plant Cell</i> , 2015 , 27, 1771-87	11.6	136
42	The Divergent Roles of STAYGREEN (SGR) Homologs in Chlorophyll Degradation. <i>Molecules and Cells</i> , 2015 , 38, 390-5	3.5	52
41	Mutation of SPOTTED LEAF3 (SPL3) impairs abscisic acid-responsive signalling and delays leaf senescence in rice. <i>Journal of Experimental Botany</i> , 2015 , 66, 7045-59	7	40

40	Rice ONAC106 Inhibits Leaf Senescence and Increases Salt Tolerance and Tiller Angle. <i>Plant and Cell Physiology</i> , 2015 , 56, 2325-39	4.9	74
39	Mutation of <i>Oryza sativa</i> CORONATINE INSENSITIVE 1b (OsCOI1b) delays leaf senescence. <i>Journal of Integrative Plant Biology</i> , 2015 , 57, 562-76	8.3	75
38	The Rice Floral Repressor Early flowering1 Affects Spikelet Fertility By Modulating Gibberellin Signaling. <i>Rice</i> , 2015 , 8, 58	5.8	17
37	Rice FLAVIN-BINDING, KELCH REPEAT, F-BOX 1 (OsFKF1) promotes flowering independent of photoperiod. <i>Plant, Cell and Environment</i> , 2015 , 38, 2527-40	8.4	30
36	Rice Phytochrome B (OsPhyB) Negatively Regulates Dark- and Starvation-Induced Leaf Senescence. <i>Plants</i> , 2015 , 4, 644-63	4.5	24
35	CONSTITUTIVE PHOTOMORPHOGENIC 10 (COP10) Contributes to Floral Repression under Non-Inductive Short Days in Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 26493-505	6.3	1
34	Negative regulatory roles of DE-ETIOLATED1 in flowering time in Arabidopsis. <i>Scientific Reports</i> , 2015 , 5, 9728	4.9	10
33	Rice NARROW LEAF1 Regulates Leaf and Adventitious Root Development. <i>Plant Molecular Biology Reporter</i> , 2014 , 32, 270-281	1.7	23
32	Arabidopsis STAY-GREEN2 is a negative regulator of chlorophyll degradation during leaf senescence. <i>Molecular Plant</i> , 2014 , 7, 1288-1302	14.4	72
31	Phytochrome-interacting transcription factors PIF4 and PIF5 induce leaf senescence in Arabidopsis. <i>Nature Communications</i> , 2014 , 5, 4636	17.4	243
30	Natural variation in Early flowering1 contributes to early flowering in japonica rice under long days. <i>Plant, Cell and Environment</i> , 2014 , 37, 101-12	8.4	35
29	Delayed degradation of chlorophylls and photosynthetic proteins in Arabidopsis autophagy mutants during stress-induced leaf yellowing. <i>Journal of Experimental Botany</i> , 2014 , 65, 3915-25	7	54
28	Quantitative trait locus mapping and candidate gene analysis for plant architecture traits using whole genome re-sequencing in rice. <i>Molecules and Cells</i> , 2014 , 37, 149-60	3.5	35
27	Arabidopsis STAYGREEN-LIKE (SGRL) promotes abiotic stress-induced leaf yellowing during vegetative growth. <i>FEBS Letters</i> , 2014 , 588, 3830-7	3.8	43
26	Antisense expression of a staygreen gene (SGR) delays leaf senescence in creeping bentgrass. <i>Rapid Communication in Photoscience</i> , 2014 , 3, 28-31		
25	The rice faded green leaf locus encodes protochlorophyllide oxidoreductase ^L B and is essential for chlorophyll synthesis under high light conditions. <i>Plant Journal</i> , 2013 , 74, 122-33	6.9	104
24	Natural variation in OsPRR37 regulates heading date and contributes to rice cultivation at a wide range of latitudes. <i>Molecular Plant</i> , 2013 , 6, 1877-88	14.4	185
23	7-Hydroxymethyl chlorophyll a reductase functions in metabolic channeling of chlorophyll breakdown intermediates during leaf senescence. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 430, 32-7	3.4	45

22	Mutation of the Arabidopsis NAC016 transcription factor delays leaf senescence. <i>Plant and Cell Physiology</i> , 2013 , 54, 1660-72	4.9	108
21	The rice narrow leaf2 and narrow leaf3 loci encode WUSCHEL-related homeobox 3A (OsWOX3A) and function in leaf, spikelet, tiller and lateral root development. <i>New Phytologist</i> , 2013 , 198, 1071-1084 ^{9.8}	9.8	124
20	Rice WUSCHEL-related homeobox 3A (OsWOX3A) modulates auxin-transport gene expression in lateral root and root hair development. <i>Plant Signaling and Behavior</i> , 2013 , 8, doi: 10.4161/psb.25929	2.5	19
19	Genome-Wide Analysis of Genes Induced by Fusarium graminearum Infection in Resistant and Susceptible Wheat Cultivars 2012 , 55, 64-72		8
18	Leaf variegation in the rice zebra2 mutant is caused by photoperiodic accumulation of tetra-cis-lycopene and singlet oxygen. <i>Molecules and Cells</i> , 2012 , 33, 87-97	3.5	34
17	STAY-GREEN and chlorophyll catabolic enzymes interact at light-harvesting complex II for chlorophyll detoxification during leaf senescence in Arabidopsis. <i>Plant Cell</i> , 2012 , 24, 507-18	11.6	213
16	Expression of hpa1 Gene Encoding a Bacterial Harpin Protein in Xanthomonas oryzae pv. oryzae Enhances Disease Resistance to Both Fungal and Bacterial Pathogens in Rice and Arabidopsis. <i>Plant Pathology Journal</i> , 2012 , 28, 364-372	2.5	9
15	The rice bright green leaf (bgl) locus encodes OsRopGEF10, which activates the development of small cuticular papillae on leaf surfaces. <i>Plant Molecular Biology</i> , 2011 , 77, 631-41	4.6	11
14	Characterization and genetic analysis of a low-temperature-sensitive mutant, sy-2, in Capsicum chinense. <i>Theoretical and Applied Genetics</i> , 2011 , 122, 459-70	6	9
13	SPL28 encodes a clathrin-associated adaptor protein complex 1, medium subunit micro 1 (AP1M1) and is responsible for spotted leaf and early senescence in rice (Oryza sativa). <i>New Phytologist</i> , 2010 , 185, 258-74	9.8	105
12	ZEBRA-NECROSIS, a thylakoid-bound protein, is critical for the photoprotection of developing chloroplasts during early leaf development. <i>Plant Journal</i> , 2010 , 62, 713-25	6.9	49
11	Rice virescent3 and stripe1 encoding the large and small subunits of ribonucleotide reductase are required for chloroplast biogenesis during early leaf development. <i>Plant Physiology</i> , 2009 , 150, 388-401	6.6	134
10	COP1 and ELF3 control circadian function and photoperiodic flowering by regulating GI stability. <i>Molecular Cell</i> , 2008 , 32, 617-30	17.6	273
9	The serine proteinase inhibitor OsSerp1 is a potent tillering regulator in rice 2007 , 50, 600-604		5
8	Post-translational regulation of FLC is mediated by an E3 ubiquitin ligase activity of SINAT5 in Arabidopsis. <i>Plant Science</i> , 2007 , 173, 269-275	5.3	16
7	The senescence-induced staygreen protein regulates chlorophyll degradation. <i>Plant Cell</i> , 2007 , 19, 1649-646	11.6	353
6	Quantitative trait loci associated with functional stay-green SNU-SG1 in rice. <i>Molecules and Cells</i> , 2007 , 24, 83-94	3.5	49
5	Rice Chlorina-1 and Chlorina-9 encode ChlD and ChlI subunits of Mg-chelatase, a key enzyme for chlorophyll synthesis and chloroplast development. <i>Plant Molecular Biology</i> , 2006 , 62, 325-37	4.6	177

4	The SOC1 MADS-box gene integrates vernalization and gibberellin signals for flowering in Arabidopsis. <i>Plant Journal</i> , 2003 , 35, 613-23	6.9	404
3	Photoblastism and Ecophysiology of Seed Germination in Weedy Rice. <i>Agronomy Journal</i> , 2003 , 95, 184-190		1
2	AtMYB21, a gene encoding a flower-specific transcription factor, is regulated by COP1. <i>Plant Journal</i> , 2002 , 30, 23-32	6.9	101
1	Histone Deacetylases in Rice Development and Stress Responses1		0