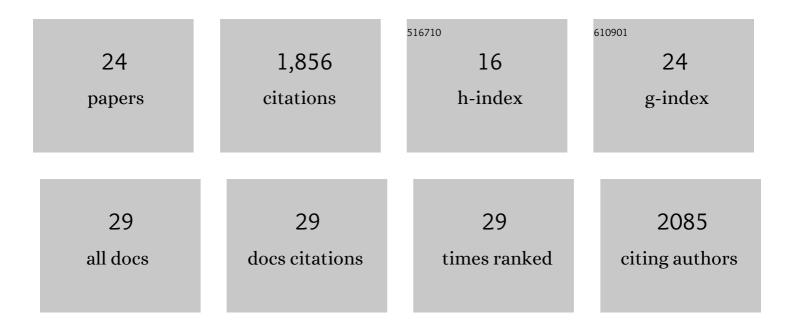
Inyup Paik

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/449176/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	PIL5, a Phytochrome-Interacting bHLH Protein, Regulates Gibberellin Responsiveness by Binding Directly to the GAI and RGA Promoters in Arabidopsis Seeds. Plant Cell, 2007, 19, 1192-1208.	6.6	405
2	Illuminating Progress in Phytochrome-Mediated Light Signaling Pathways. Trends in Plant Science, 2015, 20, 641-650.	8.8	179
3	Expanding Roles of PIFs in Signal Integration from Multiple Processes. Molecular Plant, 2017, 10, 1035-1046.	8.3	172
4	Plant photoreceptors: Multi-functional sensory proteins and their signaling networks. Seminars in Cell and Developmental Biology, 2019, 92, 114-121.	5.0	166
5	Phytochrome Signaling Networks. Annual Review of Plant Biology, 2021, 72, 217-244.	18.7	130
6	CUL4 forms an E3 ligase with COP1 and SPA to promote light-induced degradation of PIF1. Nature Communications, 2015, 6, 7245.	12.8	97
7	High Ambient Temperature Represses Anthocyanin Biosynthesis through Degradation of HY5. Frontiers in Plant Science, 2017, 8, 1787.	3.6	90
8	A phyB-PIF1-SPA1 kinase regulatory complex promotes photomorphogenesis in Arabidopsis. Nature Communications, 2019, 10, 4216.	12.8	80
9	PHYTOCHROME INTERACTING FACTOR1 Enhances the E3 Ligase Activity of CONSTITUTIVE PHOTOMORPHOGENIC1 to Synergistically Repress Photomorphogenesis in <i>Arabidopsis</i> Â Â. Plant Cell, 2014, 26, 1992-2006.	6.6	78
10	Phytochrome regulates translation of mRNA in the cytosol. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1335-1340.	7.1	75
11	<scp>PHYTOCHROME INTERACTING FACTORS</scp> mediate metabolic control of the circadian system in Arabidopsis. New Phytologist, 2017, 215, 217-228.	7.3	63
12	Characterization of Phytochrome Interacting Factors from the Moss <i>Physcomitrella patens</i> Illustrates Conservation of Phytochrome Signaling Modules in Land Plants. Plant Cell, 2017, 29, 310-330.	6.6	61
13	Trehaloseâ€6â€phosphate signaling regulates thermoresponsive hypocotyl growth in <i>ArabidopsisÂthaliana</i> . EMBO Reports, 2019, 20, e47828.	4.5	43
14	PCH1 and PCHL promote photomorphogenesis in plants by controlling phytochrome B dark reversion. Nature Communications, 2017, 8, 2221.	12.8	41
15	Direct phosphorylation of HY5 by SPA kinases to regulate photomorphogenesis in Arabidopsis. New Phytologist, 2021, 230, 2311-2326.	7.3	35
16	SPAs promote thermomorphogenesis via regulating the phyB-PIF4 module in <i>Arabidopsis</i> . Development (Cambridge), 2020, 147, .	2.5	33
17	One-Enzyme Reverse Transcription qPCR Using Taq DNA Polymerase. Biochemistry, 2020, 59, 4638-4645.	2.5	20
18	Improved Bst DNA Polymerase Variants Derived <i>via</i> a Machine Learning Approach. Biochemistry, 2023, 62, 410-418.	2.5	20

Ινγυρ Ραικ

#	Article	IF	CITATIONS
19	Charge Engineering Improves the Performance of Bst DNA Polymerase Fusions. ACS Synthetic Biology, 2022, 11, 1488-1496.	3.8	14
20	PIF-mediated sucrose regulation of the circadian oscillator is light quality and temperature dependent. Genes, 2018, 9, 628.	2.4	11
21	Genomic evidence reveals <scp>SPA</scp> â€regulated developmental and metabolic pathways in darkâ€grown <scp><i>Arabidopsis</i></scp> seedlings. Physiologia Plantarum, 2020, 169, 380-396.	5.2	9
22	Producing molecular biology reagents without purification. PLoS ONE, 2021, 16, e0252507.	2.5	9
23	Preparation and Use of Cellular Reagents: A Lowâ€resource Molecular Biology Reagent Platform. Current Protocols, 2022, 2, e387.	2.9	4
24	Rapid Examination of Phytochrome–Phytochrome Interacting Factor (PIF) Interaction by In Vitro Coimmunoprecipitation Assay. Methods in Molecular Biology, 2019, 2026, 21-28.	0.9	3