

Xiangdong Fu

List of Publications by Citations

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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.

47 papers	4,845 citations	24 h-index	51 g-index
51 ext. papers	6,448 ext. citations	13.7 avg, IF	5.08 L-index

#	Paper	IF	Citations
47	Coordinated regulation of <i>Arabidopsis thaliana</i> development by light and gibberellins. <i>Nature</i> , 2008 , 451, 475-9	50.4	756
46	Control of grain size, shape and quality by OsSPL16 in rice. <i>Nature Genetics</i> , 2012 , 44, 950-4	36.3	676
45	Natural variation at the DEP1 locus enhances grain yield in rice. <i>Nature Genetics</i> , 2009 , 41, 494-7	36.3	645
44	The OsSPL16-GW7 regulatory module determines grain shape and simultaneously improves rice yield and grain quality. <i>Nature Genetics</i> , 2015 , 47, 949-54	36.3	349
43	Shoot-to-Root Mobile Transcription Factor HY5 Coordinates Plant Carbon and Nitrogen Acquisition. <i>Current Biology</i> , 2016 , 26, 640-6	6.3	240
42	Heterotrimeric G proteins regulate nitrogen-use efficiency in rice. <i>Nature Genetics</i> , 2014 , 46, 652-6	36.3	231
41	Gibberellin-mediated proteasome-dependent degradation of the barley DELLA protein SLN1 repressor. <i>Plant Cell</i> , 2002 , 14, 3191-200	11.6	228
40	Modulating plant growth-metabolism coordination for sustainable agriculture. <i>Nature</i> , 2018 , 560, 595-600	30.4	213
39	The <i>Arabidopsis</i> mutant <i>sleepy1gar2-1</i> protein promotes plant growth by increasing the affinity of the SCFSLY1 E3 ubiquitin ligase for DELLA protein substrates. <i>Plant Cell</i> , 2004 , 16, 1406-18	11.6	209
38	Biochemical insights on degradation of <i>Arabidopsis</i> DELLA proteins gained from a cell-free assay system. <i>Plant Cell</i> , 2009 , 21, 2378-90	11.6	159
37	Auxin biosynthetic gene TAR2 is involved in low nitrogen-mediated reprogramming of root architecture in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2014 , 78, 70-9	6.9	126
36	A Gibberellin-Mediated DELLA-NAC Signaling Cascade Regulates Cellulose Synthesis in Rice. <i>Plant Cell</i> , 2015 , 27, 1681-96	11.6	124
35	G-protein β subunits determine grain size through interaction with MADS-domain transcription factors in rice. <i>Nature Communications</i> , 2018 , 9, 852	17.4	110
34	The plant-specific G protein β subunit AGG3 influences organ size and shape in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2012 , 194, 690-703	9.8	89
33	Enhanced sustainable green revolution yield via nitrogen-responsive chromatin modulation in rice. <i>Science</i> , 2020 , 367,	33.3	87
32	Expression of <i>Arabidopsis</i> GAI in transgenic rice represses multiple gibberellin responses. <i>Plant Cell</i> , 2001 , 13, 1791-802	11.6	77
31	Shedding light on integrative GA signaling. <i>Current Opinion in Plant Biology</i> , 2014 , 21, 89-95	9.9	71

30	OsLG3 contributing to rice grain length and yield was mined by Ho-LAMap. <i>BMC Biology</i> , 2017 , 15, 28	7.3	58
29	Non-canonical regulation of SPL transcription factors by a human OTUB1-like deubiquitinase defines a new plant type rice associated with higher grain yield. <i>Cell Research</i> , 2017 , 27, 1142-1156	24.7	56
28	Nitrogen signaling and use efficiency in plants: what's new?. <i>Current Opinion in Plant Biology</i> , 2015 , 27, 192-8	9.9	39
27	Deletion of a target gene in Indica rice via CRISPR/Cas9. <i>Plant Cell Reports</i> , 2017 , 36, 1333-1343	5.1	38
26	CEF1/OsMYB103L is involved in GA-mediated regulation of secondary wall biosynthesis in rice. <i>Plant Molecular Biology</i> , 2015 , 89, 385-401	4.6	36
25	Genotype and rhizobium inoculation modulate the assembly of soybean rhizobacterial communities. <i>Plant, Cell and Environment</i> , 2019 , 42, 2028-2044	8.4	31
24	OsSND2, a NAC family transcription factor, is involved in secondary cell wall biosynthesis through regulating MYBs expression in rice. <i>Rice</i> , 2018 , 11, 36	5.8	28
23	Host-Associated Quantitative Abundance Profiling Reveals the Microbial Load Variation of Root Microbiome. <i>Plant Communications</i> , 2020 , 1, 100003	9	20
22	Emerging insights into heterotrimeric G protein signaling in plants. <i>Journal of Genetics and Genomics</i> , 2016 , 43, 495-502	4	18
21	Differences in cadmium accumulation between indica and japonica rice cultivars in the reproductive stage. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 186, 109795	7	14
20	Regulation of OsmiR156h through Alternative Polyadenylation Improves Grain Yield in Rice. <i>PLoS ONE</i> , 2015 , 10, e0126154	3.7	13
19	SQUAMOSA Promoter Binding Protein-like Transcription Factors: Targets for Improving Cereal Grain Yield. <i>Molecular Plant</i> , 2016 , 9, 765-7	14.4	13
18	Wheat FRIZZY PANICLE activates VERNALIZATION1-A and HOMEBOX4-A to regulate spike development in wheat. <i>Plant Biotechnology Journal</i> , 2021 , 19, 1141-1154	11.6	12
17	Gibberellins 2017 , 107-160		10
16	Pyramiding of the dep1-1 and NAL1 alleles achieves sustainable improvements in nitrogen-use efficiency and grain yield in japonica rice breeding. <i>Journal of Genetics and Genomics</i> , 2019 , 46, 325-328	4	8
15	Isolation and characterisation of six putative wheat cell wall-associated kinases. <i>Functional Plant Biology</i> , 2006 , 33, 811-821	2.7	8
14	Natural allelic variation in a modulator of auxin homeostasis improves grain yield and nitrogen use efficiency in rice. <i>Plant Cell</i> , 2021 , 33, 566-580	11.6	8
13	The RING E3 ligase CLG1 targets GS3 for degradation via the endosome pathway to determine grain size in rice. <i>Molecular Plant</i> , 2021 , 14, 1699-1713	14.4	8

12	A novel miR167a-OsARF6-OsAUX3 module regulates grain length and weight in rice. <i>Molecular Plant</i> , 2021 , 14, 1683-1698	14.4	6
11	The rational design of multiple molecular module-based assemblies for simultaneously improving rice yield and grain quality. <i>Journal of Genetics and Genomics</i> , 2018 , 45, 337-337	4	6
10	The wheat AGL6-like MADS-box gene is a master regulator for floral organ identity and a target for spikelet meristem development manipulation. <i>Plant Biotechnology Journal</i> , 2021 ,	11.6	5
9	Improving coordination of plant growth and nitrogen metabolism for sustainable agriculture. <i>ABIOTECH</i> , 2020 , 1, 255-275	3.9	4
8	Ubiquitinome Profiling Reveals the Landscape of Ubiquitination Regulation in Rice Young Panicles. <i>Genomics, Proteomics and Bioinformatics</i> , 2020 , 18, 305-320	6.5	3
7	PAT: waking up a lazy sleeping beauty. <i>Cell Research</i> , 2007 , 17, 387-8	24.7	2
6	Wheat breeding history reveals synergistic selection of pleiotropic genomic sites for plant architecture and grain yield.. <i>Molecular Plant</i> , 2022 ,	14.4	2
5	Wheat speciation and adaptation: perspectives from reticulate evolution. <i>ABIOTECH</i> ,1	3.9	1
4	A Semi-Dominant Mutation in OsCESA9 Improves Salt Tolerance and Favors Field Straw Decay Traits by Altering Cell Wall Properties in Rice. <i>Rice</i> , 2021 , 14, 19	5.8	1
3	New insights into gibberellin signaling in regulating plant growth-metabolic coordination. <i>Current Opinion in Plant Biology</i> , 2021 , 63, 102074	9.9	1
2	Green Revolution DELLAs: From translational reinitiation to future sustainable agriculture. <i>Molecular Plant</i> , 2021 , 14, 547-549	14.4	0
1	Modulating the C-terminus of DEP1 synergistically enhances grain quality and yield in rice.. <i>Journal of Genetics and Genomics</i> , 2022 ,	4	0