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List of Publications by Year
in descending order

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40 papers	3,188 citations	279487 23 h-index	276539 41 g-index
45 all docs	45 docs citations	45 times ranked	4648 citing authors

#	Article	IF	Citations
1	A petunia ABC protein controls strigolactone-dependent symbiotic signalling and branching. Nature, 2012, 483, 341-344.	13.7	502
2	Plant ABC Transporters. The Arabidopsis Book, 2011, 9, e0153.	0.5	401
3	Phosphate systemically inhibits development of arbuscular mycorrhiza in Petunia hybrida and represses genes involved in mycorrhizal functioning. Plant Journal, 2010, 64, 1002-1017.	2.8	354
4	A trehalose-6-phosphate phosphatase enhances anaerobic germination tolerance in rice. Nature Plants, 2015, 1, 15124.	4.7	263
5	CRISPR-Cas9 and CRISPR-Cpf1 mediated targeting of a stomatal developmental gene EPFL9 in rice. Plant Cell Reports, 2017, 36, 745-757.	2.8	170
6	Impaired pH Homeostasis in Arabidopsis Lacking the Vacuolar Dicarboxylate Transporter and Analysis of Carboxylic Acid Transport across the Tonoplast. Plant Physiology, 2005, 137, 901-910.	2.3	168
7	Functions of ABC transporters in plants. Essays in Biochemistry, 2011, 50, 145-160.	2.1	110
8	The Genetic Basis and Nutritional Benefits of Pigmented Rice Grain. Frontiers in Genetics, 2020, 11, 229.	1.1	108
9	Plasma membrane H⁺â€ATPaseâ€dependent citrate exudation from cluster roots of phosphateâ€deficient white lupin. Plant, Cell and Environment, 2009, 32, 465-475.	2.8	99
10	Large-scale deployment of a rice 6ÂK SNP array for genetics and breeding applications. Rice, 2017, 10, 40.	1.7	97
11	Unmasking Novel Loci for Internal Phosphorus Utilization Efficiency in Rice Germplasm through Genome-Wide Association Analysis. PLoS ONE, 2015, 10, e0124215.	1.1	83
12	From promise to application: root traits for enhanced nutrient capture in rice breeding. Journal of Experimental Botany, 2016, 67, 3605-3615.	2.4	79
13	The importance of strigolactone transport regulation for symbiotic signaling and shoot branching. Planta, 2016, 243, 1351-1360.	1.6	57
14	Phosphorus remobilization from rice flag leaves during grain filling: an <scp>RNA</scp>â€seq study. Plant Biotechnology Journal, 2017, 15, 15-26.	4.1	55
15	The knowns and unknowns of phosphorus loading into grains, and implications for phosphorus efficiency in cropping systems. Journal of Experimental Botany, 2016, 67, 1221-1229.	2.4	51
16	An improved 7K SNP array, the C7AIR, provides a wealth of validated SNP markers for rice breeding and genetics studies. PLoS ONE, 2020, 15, e0232479.	1.1	51
17	Phosphorus uptake, partitioning and redistribution during grain filling in rice. Annals of Botany, 2016, 118, 1151-1162.	1.4	50
18	Genome-wide Association Analysis Tracks Bacterial Leaf Blight Resistance Loci In Rice Diverse Germplasm. Rice, 2017, 10, 8.	1.7	49

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19	1k-RiCA (1K-Rice Custom Amplicon) a novel genotyping amplicon-based SNP assay for genetics and breeding applications in rice. Rice, 2019, 12, 55.	1.7	46
20	Variation in seed longevity among diverse Indica rice varieties. Annals of Botany, 2019, 124, 447-460.	1.4	45
21	Genomeâ€wide association and gene validation studies for early root vigour to improve direct seeding of rice. Plant, Cell and Environment, 2018, 41, 2731-2743.	2.8	35
22	Petunia hybrida PDR2 is involved in herbivore defense by controlling steroidal contents in trichomes. Plant, Cell and Environment, 2016, 39, 2725-2739.	2.8	34
23	Association mapping in rice: basic concepts and perspectives for molecular breeding. Plant Production Science, 2018, 21, 159-176.	0.9	28
24	Crop-model assisted phenomics and genome-wide association study for climate adaptation of indica rice. 2. Thermal stress and spikelet sterility. Journal of Experimental Botany, 2017, 68, 4389-4406.	2.4	26
25	Characterization of the Cannabis sativa glandular trichome proteome. PLoS ONE, 2021, 16, e0242633.	1.1	25
26	DNA fingerprinting at farm level maps rice biodiversity across Bangladesh and reveals regional varietal preferences. Scientific Reports, 2018, 8, 14920.	1.6	20
27	An extreme-phenotype genomeâ€wide association study identifies candidate cannabinoid pathway genes in Cannabis. Scientific Reports, 2020, 10, 18643.	1.6	17
28	Genetic dissection for zinc deficiency tolerance in rice using bi-parental mapping and association analysis. Theoretical and Applied Genetics, 2017, 130, 1903-1914.	1.8	16
29	Crop-model assisted phenomics and genome-wide association study for climate adaptation of indica rice. 1. Phenology. Journal of Experimental Botany, 2017, 68, 4369-4388.	2.4	16
30	Complex Patterns of Cannabinoid Alkyl Side-Chain Inheritance in Cannabis. Scientific Reports, 2019, 9, 11421.	1.6	14
31	Methodology: ssb-MASS: a single seed-based sampling strategy for marker-assisted selection in rice. Plant Methods, 2019, 15, 78.	1.9	14
32	Exploring the genetic diversity within traditional Philippine pigmented Rice. Rice, 2019, 12, 27.	1.7	12
33	Rice Galaxy: an open resource for plant science. GigaScience, 2019, 8, .	3.3	11
34	Can natural variation in grain P concentrations be exploited in rice breeding to lower fertilizer requirements?. PLoS ONE, 2017, 12, e0179484.	1.1	10
35	Genome-Wide Association Reveals Trait Loci for Seed Glucosinolate Accumulation in Indian Mustard (Brassica juncea L.). Plants, 2022, 11, 364.	1.6	8
36	Transcriptional response of rice flag leaves to restricted external phosphorus supply during grain filling in rice cv. IR64. PLoS ONE, 2018, 13, e0203654.	1.1	7

#	Article	IF	Citations
37	Drought response QTLs in a Super Basmati Ã— Azucena population by highâ€density GBSâ€based SNP linkage mapping. Plant Breeding, 2021, 140, 758-774.	1.0	7
38	Simultaneous Quantification of 17 Cannabinoids in Cannabis Inflorescence by Liquid Chromatography-Mass Spectrometry. Separations, 2022, 9, 85.	1.1	5
39	Predicting tea tree oil distillate composition using portable spectrometric technology. Journal of Raman Spectroscopy, 2022, 53, 771-784.	1.2	3
40	A One-Step Grafting Methodology Can Adjust Stem Morphology and Increase THCA Yield in Medicinal Cannabis. Agronomy, 2022, 12, 852.	1.3	3