Rahul Shaw

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4863145/publications.pdf

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12	418	1163117 8	1199594 12
papers	citations	h-index	g-index

12	12	12	530
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-Cell Transcriptome Analysis in Plants: Advances and Challenges. Molecular Plant, 2021, 14, 115-126.	8.3	127
2	Responses to Light Intensity in a Genome-Scale Model of Rice Metabolism Â Â Â. Plant Physiology, 2013, 162, 1060-1072.	4.8	117
3	A Dynamic Multi-Tissue Flux Balance Model Captures Carbon and Nitrogen Metabolism and Optimal Resource Partitioning During Arabidopsis Growth. Frontiers in Plant Science, 2018, 9, 884.	3.6	43
4	A Genome-Scale Metabolic Model of Soybean (Glycine max) Highlights Metabolic Fluxes in Seedlings. Plant Physiology, 2019, 180, 1912-1929.	4.8	43
5	A mass and charge balanced metabolic model of Setaria viridis revealed mechanisms of proton balancing in C4 plants. BMC Bioinformatics, 2019, 20, 357.	2.6	25
6	Reconstruction of Oryza sativa indica Genome Scale Metabolic Model and Its Responses to Varying RuBisCO Activity, Light Intensity, and Enzymatic Cost Conditions. Frontiers in Plant Science, 2017, 8, 2060.	3.6	21
7	Multi-tissue to whole plant metabolic modelling. Cellular and Molecular Life Sciences, 2020, 77, 489-495.	5.4	18
8	Metabolic trade-offs between biomass synthesis and photosynthate export at different light intensities in a genomeÃ¢â‚¬â€œscale metabolic model of rice. Frontiers in Plant Science, 2014, 5, 656.	3.6	10
9	Flux balance analysis of genome-scale metabolic model of rice (Oryza sativa): Aiming to increase biomass. Journal of Biosciences, 2015, 40, 819-828.	1.1	6
10	Metabolic Plasticity and Inter-Compartmental Interactions in Rice Metabolism: An Analysis from Reaction Deletion Study. PLoS ONE, 2015, 10, e0133899.	2.5	3
11	Integration of crop growth model and constraint-based metabolic model predicts metabolic changes over rice plant development under water-limited stress. In Silico Plants, 2021, 3, .	1.9	3
12	Random Weighting through Linear Programming into Intracellular Transporters of Rice Metabolic Network. Lecture Notes in Computer Science, 2013, , 662-667.	1.3	2