Jaspreet Sandhu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1371531/publications.pdf

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13	401	933447	1125743
papers	citations	10 h-index	13 g-index

14	14	14	414
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transient Heat Stress During Early Seed Development Primes Germination and Seedling Establishment in Rice. Frontiers in Plant Science, 2018, 9, 1768.	3.6	65
2	High night temperature effects on wheat and rice: Current status and way forward. Plant, Cell and Environment, 2021, 44, 2049-2065.	5.7	61
3	Metabolic Dynamics of Developing Rice Seeds Under High Night-Time Temperature Stress. Frontiers in Plant Science, 2019, 10, 1443.	3.6	50
4	MADS78 and MADS79 Are Essential Regulators of Early Seed Development in Rice. Plant Physiology, 2020, 182, 933-948.	4.8	49
5	The LATERAL ROOT DENSITY gene regulates root growth during water stress in wheat. Plant Biotechnology Journal, 2020, 18, 1955-1968.	8.3	48
6	Allelic variation in rice Fertilization Independent Endosperm 1 contributes to grain width under high night temperature stress. New Phytologist, 2021, 229, 335-350.	7.3	28
7	Divergent phenotypic response of rice accessions to transient heat stress during early seed development. Plant Direct, 2020, 4, e00196.	1.9	22
8	PI-Plat: a high-resolution image-based 3D reconstruction method to estimate growth dynamics of rice inflorescence traits. Plant Methods, 2019, 15, 162.	4.3	19
9	Novel 3D Imaging Systems for High-Throughput Phenotyping of Plants. Remote Sensing, 2021, 13, 2113.	4.0	17
10	Endoplasmic reticulum stress pathway mediates the early heat stress response of developing rice seeds. Plant, Cell and Environment, 2021, 44, 2604-2624.	5.7	17
11	SeedExtractor: An Open-Source GUI for Seed Image Analysis. Frontiers in Plant Science, 2020, 11, 581546.	3.6	14
12	Transcriptomic data-driven discovery of global regulatory features of rice seeds developing under heat stress. Computational and Structural Biotechnology Journal, 2020, 18, 2556-2567.	4.1	7
13	Pervasive misannotation of microexons that are evolutionarily conserved and crucial for gene function in plants. Nature Communications, 2022, 13, 820.	12.8	4