

Smita Kurup

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,232
citations

331670

21
h-index

454955

30
g-index

38
all docs

38
docs citations

38
times ranked

3600
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncovering Trait Associations Resulting in Maximal Seed Yield in Winter and Spring Oilseed Rape. <i>Frontiers in Plant Science</i> , 2021, 12, 697576.	3.6	7
2	Big data from small tissues: extraction of high-quality RNA for RNA-sequencing from different oilseed Brassica seed tissues during seed development. <i>Plant Methods</i> , 2020, 16, 80.	4.3	7
3	Natural variation in acyl editing is a determinant of seed storage oil composition. <i>Scientific Reports</i> , 2018, 8, 17346.	3.3	5
4	Fatty acids in arbuscular mycorrhizal fungi are synthesized by the host plant. <i>Science</i> , 2017, 356, 1175-1178.	12.6	503
5	Cyclinâ€dependent kinase activity enhances phosphatidylcholine biosynthesis in Arabidopsis by repressing phosphatidic acid phosphohydrolase activity. <i>Plant Journal</i> , 2017, 89, 3-14.	5.7	11
6	Genome Wide Analysis of Fatty Acid Desaturation and Its Response to Temperature. <i>Plant Physiology</i> , 2017, 173, 1594-1605.	4.8	48
7	ACYL-ACYL CARRIER PROTEIN DESATURASE2 and 3 Are Responsible for Making Omega-7 Fatty Acids in the Arabidopsis Aleurone. <i>Plant Physiology</i> , 2016, 172, 154-162.	4.8	36
8	PHOSPHATIDIC ACID PHOSPHOHYDROLASE Regulates Phosphatidylcholine Biosynthesis in Arabidopsis by Phosphatidic Acid-Mediated Activation of CTP:PHOSPHOCHOLINE CYTIDYLYLTRANSFERASE Activity. <i>Plant Cell</i> , 2015, 27, 1251-1264.	6.6	56
9	Regulation of endomembrane biogenesis in arabidopsis by phosphatidic acid hydrolase. <i>Plant Signaling and Behavior</i> , 2015, 10, e1065367.	2.4	3
10	Suppression of the <i>SUGAR</i>-DEPENDENT1 triacylglycerol lipase family during seed development enhances oil yield in oilseed rape (<i>Brassica napus</i>). <i>Overlook 10 1650 377 T</i>	0.0	0
11	Differential defence response due to jasmonate seed treatment in cowpea and tomato against root-knot and potato cyst nematodes. <i>Nematology</i> , 2013, 15, 15-21.	0.6	9
12	The SUGAR-DEPENDENT1 Lipase Limits Triacylglycerol Accumulation in Vegetative Tissues of Arabidopsis. <i>Plant Physiology</i> , 2013, 162, 1282-1289.	4.8	125
13	bZIP67 Regulates the Omega-3 Fatty Acid Content of <i>Arabidopsis</i> Seed Oil by Activating <i>FATTY ACID DESATURASE3</i>. <i>Plant Cell</i> , 2013, 25, 3104-3116.	6.6	115
14	Cell Lineage Analyses in Living Tissues. <i>Methods in Molecular Biology</i> , 2013, 959, 197-205.	0.9	0
15	Seed colour loci, homoeology and linkage groups of the C genome chromosomes revealed in Brassica rapa-B. oleracea monosomic alien addition lines. <i>Annals of Botany</i> , 2012, 109, 1227-1242.	2.9	29
16	Distribution of calcium (Ca) and magnesium (Mg) in the leaves of Brassica rapa under varying exogenous Ca and Mg supply. <i>Annals of Botany</i> , 2012, 109, 1081-1089.	2.9	43
17	A Hypomethylated population of Brassica rapa for forward and reverse Epi-genetics. <i>BMC Plant Biology</i> , 2012, 12, 193.	3.6	64
18	Assigning Brassica microsatellite markers to the nine C-genome chromosomes using Brassica rapa var. trilocularisâ€B. oleracea var. alboblabra monosomic alien addition lines. <i>Theoretical and Applied Genetics</i> , 2012, 125, 455-466.	3.6	20

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19	Parental genome imbalance in <i>Brassica oleracea</i> causes asymmetric triploid block. <i>Plant Journal</i> , 2012, 71, 503-516.	5.7	48
20	Promoter Variation and Transcript Divergence in Brassicaceae Lineages of FLOWERING LOCUS T. <i>PLoS ONE</i> , 2012, 7, e47127.	2.5	37
21	Universal endogenous gene controls for bisulphite conversion in analysis of plant DNA methylation. <i>Plant Methods</i> , 2011, 7, 39.	4.3	15
22	High Resolution Melt (HRM) analysis is an efficient tool to genotype EMS mutants in complex crop genomes. <i>Plant Methods</i> , 2011, 7, 43.	4.3	79
23	Exploring and exploiting epigenetic variation in crops This article is one of a selection of papers from the conference "Exploiting Genome-wide Association in Oilseed Brassicas: a model for genetic improvement of major OECD crops for sustainable farming". <i>Genome</i> , 2010, 53, 856-868.	2.0	35
24	Fluorescent Protein Fusions for Protein Localization in Plants. , 2007, 390, 239-256.		4
25	Signalling mechanisms in the regulation of vacuolar ion release in guard cells. <i>New Phytologist</i> , 2007, 175, 630-640.	7.3	60
26	Fluorescent Protein Fusions for Protein Localization in Plants. , 2007, , 239-255.		1
27	Transactivated and chemically inducible gene expression in plants. <i>Plant Journal</i> , 2006, 45, 651-683.	5.7	157
28	Marking cell lineages in living tissues. <i>Plant Journal</i> , 2005, 42, 444-453.	5.7	141
29	Genetic control mechanisms regulating the initiation of germination. <i>Journal of Plant Physiology</i> , 2001, 158, 439-445.	3.5	17
30	Identification and analysis of proteins that interact with the <i>Avena fatua</i> homologue of the maize transcription factor VIVIPAROUS 1. <i>Plant Journal</i> , 2000, 21, 133-142.	5.7	46
31	Interactions of the developmental regulator ABI3 with proteins identified from developing <i>Arabidopsis</i> seeds. <i>Plant Journal</i> , 2000, 21, 143-155.	5.7	210
32	ABI3 emerges from the seed. <i>Trends in Plant Science</i> , 2000, 5, 418-419.	8.8	91
33	Molecular and genetic mechanisms regulating the transition from embryo development to germination. <i>Trends in Plant Science</i> , 1999, 4, 275-280.	8.8	107
34	Fluorescent Protein Fusions for Protein Localization in Plants. , 0, , 239-256.		0