

Karen A Hudson

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

855
citations

623734

14
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1394
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome of the long-living sacred lotus (<i>Nelumbo nucifera</i> Gaertn.). <i>Genome Biology</i> , 2013, 14, R41.	9.6	329
2	Fine mapping the soybean aphid resistance gene <i>Rag1</i> in soybean. <i>Theoretical and Applied Genetics</i> , 2010, 120, 1063-1071.	3.6	87
3	Ionomic Screening of Field-Grown Soybean Identifies Mutants with Altered Seed Elemental Composition. <i>Plant Genome</i> , 2013, 6, plantgenome2012.07.0012.	2.8	71
4	A Classification of Basic Helix-Loop-Helix Transcription Factors of Soybean. <i>International Journal of Genomics</i> , 2015, 2015, 1-10.	1.6	40
5	The Circadian Clock-controlled Transcriptome of Developing Soybean Seeds. <i>Plant Genome</i> , 2010, 3, .	2.8	38
6	Evolutionary divergence of phytochrome protein function in <i>Zea mays</i> PIF3 signaling. <i>Journal of Experimental Botany</i> , 2016, 67, 4231-4240.	4.8	34
7	Developmental profiling of gene expression in soybean trifoliolate leaves and cotyledons. <i>BMC Plant Biology</i> , 2015, 15, 169.	3.6	30
8	Mutations in <i>SACPD-C</i> Result in a Range of Elevated Stearic Acid Concentration in Soybean Seed. <i>PLoS ONE</i> , 2014, 9, e97891.	2.5	25
9	Soybean Oil-Quality Variants Identified by Large-Scale Mutagenesis. <i>International Journal of Agronomy</i> , 2012, 2012, 1-7.	1.2	23
10	Novel <i>FAD2A</i> Alleles Confer an Elevated Oleic Acid Phenotype in Soybean Seeds. <i>Crop Science</i> , 2016, 56, 226-231.	1.8	22
11	New Alleles of <i>FATB1A</i> to Reduce Palmitic Acid Levels in Soybean. <i>Crop Science</i> , 2016, 56, 1076-1080.	1.8	19
12	New Alleles of <i>FAD3A</i> Lower the Linolenic Acid Content of Soybean Seeds. <i>Crop Science</i> , 2018, 58, 713-718.	1.8	18
13	Molecular-assisted breeding for improved carbohydrate profiles in soybean seed. <i>Theoretical and Applied Genetics</i> , 2020, 133, 1189-1200.	3.6	17
14	Transcriptional profiling of mechanically and genetically sink-limited soybeans. <i>Plant, Cell and Environment</i> , 2017, 40, 2307-2318.	5.7	16
15	Mutations in the soybean 3-ketoacyl-ACP synthase gene are correlated with high levels of seed palmitic acid. <i>Molecular Breeding</i> , 2012, 30, 1519-1523.	2.1	15
16	TILLING by Sequencing: A Successful Approach to Identify Rare Alleles in Soybean Populations. <i>Genes</i> , 2019, 10, 1003.	2.4	15
17	Characterization of New Allelic Combinations for High-Oleic Soybeans. <i>Crop Science</i> , 2017, 57, 611-616.	1.8	14
18	Changes in Global Gene Expression in Response to Chemical and Genetic Perturbation of Chromatin Structure. <i>PLoS ONE</i> , 2011, 6, e20587.	2.5	12

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19	The Basic Helix-Loop-Helix Transcription Factor Family in the Sacred Lotus, <i>Nelumbo Nucifera</i> . <i>Tropical Plant Biology</i> , 2014, 7, 65-70.	1.9	11
20	Combination of Novel Mutation in FAD3C and FAD3A for Low Linolenic Acid Soybean. , 2019, 2, 1-4.		10
21	Genetic Variation for Seed Oil Biosynthesis in Soybean. <i>Plant Molecular Biology Reporter</i> , 2021, 39, 700-709.	1.8	5
22	Combination of the Elevated Stearic Acid Trait with Other Fatty Acid Traits in Soybean. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2021, 98, 221-226.	1.9	3
23	Reduced palmitic acid content in soybean as a result of mutation in FATB1a. <i>PLoS ONE</i> , 2022, 17, e0262327.	2.5	1