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List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

487
citations

567281

15
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713466

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23
all docs

23
docs citations

23
times ranked

653
citing authors

#	ARTICLE	IF	CITATIONS
1	Selection for yield shifted the proportion of oil and protein in favor of low-energy seed fractions in soybean. <i>Field Crops Research</i> , 2022, 279, 108446.	5.1	5
2	Suppression of SDP1 Improves Soybean Seed Composition by Increasing Oil and Reducing Undigestible Oligosaccharides. <i>Frontiers in Plant Science</i> , 2022, 13, 863254.	3.6	13
3	Functional Nitrogenase Cofactor Maturase NifB in Mitochondria and Chloroplasts of <i>Nicotiana benthamiana</i> . <i>MBio</i> , 2022, 13, .	4.1	8
4	Generation of camelina mid-oleic acid seed oil by identification and stacking of fatty acid biosynthetic mutants. <i>Industrial Crops and Products</i> , 2021, 159, 113074.	5.2	2
5	Temporal changes in metabolism late in seed development affect biomass composition. <i>Plant Physiology</i> , 2021, 186, 874-890.	4.8	25
6	Analysis of Nitrogenase Fe Protein Activity in Transplastomic Tobacco. <i>Frontiers in Agronomy</i> , 2021, 3, .	3.3	3
7	On the Inverse Correlation of Protein and Oil: Examining the Effects of Altered Central Carbon Metabolism on Seed Composition Using Soybean Fast Neutron Mutants. <i>Metabolites</i> , 2020, 10, 18.	2.9	25
8	Dynamics of oil and fatty acid accumulation during seed development in historical soybean varieties. <i>Field Crops Research</i> , 2020, 248, 107719.	5.1	18
9	Characterization and function of a sunflower (<i>Helianthus annuus</i> L.) Class II acyl-CoA-binding protein. <i>Plant Science</i> , 2020, 300, 110630.	3.6	6
10	Seed yield and oil quality as affected by Camelina cultivar and planting date. <i>Journal of Crop Improvement</i> , 2019, 33, 202-222.	1.7	21
11	New Insights Into Sunflower (<i>Helianthus annuus</i> L.) FatA and FatB Thioesterases, Their Regulation, Structure and Distribution. <i>Frontiers in Plant Science</i> , 2018, 9, 1496.	3.6	18
12	Simultaneous Targeting of Multiple Gene Homeologs to Alter Seed Oil Production in Camelina sativa. <i>Plant and Cell Physiology</i> , 2017, 58, 1260-1267.	3.1	80
13	Review: Metabolic engineering of unusual lipids in the synthetic biology era. <i>Plant Science</i> , 2017, 263, 126-131.	3.6	18
14	Camelina Seed Yield and Fatty Acids as Influenced by Genotype and Environment. <i>Agronomy Journal</i> , 2017, 109, 947-956.	1.8	42
15	Acyl carrier proteins from sunflower (<i>Helianthus annuus</i> L.) seeds and their influence on FatA and FatB acyl-ACP thioesterase activities. <i>Planta</i> , 2016, 244, 479-490.	3.2	21
16	Sunflower HaGPAT9-1 is the predominant GPAT during seed development. <i>Plant Science</i> , 2016, 252, 42-52.	3.6	30
17	Characterization of a small acyl-CoA-binding protein (ACBP) from <i>Helianthus annuus</i> L. and its binding affinities. <i>Plant Physiology and Biochemistry</i> , 2016, 102, 141-150.	5.8	24
18	Type 1 diacylglycerol acyltransferases of <i>Brassica napus</i> preferentially incorporate oleic acid into triacylglycerol. <i>Journal of Experimental Botany</i> , 2015, 66, 6497-6506.	4.8	33

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19	Sunflower (<i>Helianthus annuus</i>) long-chain acyl-coenzyme A synthetases expressed at high levels in developing seeds. <i>Physiologia Plantarum</i> , 2014, 150, 363-373.	5.2	28
20	Biochemistry of high stearic sunflower, a new source of saturated fats. <i>Progress in Lipid Research</i> , 2014, 55, 30-42.	11.6	31
21	Changes in acyl-coenzyme A pools in sunflower seeds with modified fatty acid composition. <i>Phytochemistry</i> , 2013, 87, 39-50.	2.9	9
22	Versatile Sugar Derivatives for the Synthesis of Potential Degradable Hydrophilic-Hydrophobic Polyurethanes and Polyureas. <i>Journal of Carbohydrate Chemistry</i> , 2008, 27, 120-140.	1.1	27