JosÃ© Antonio Aznar-Moreno

List of Publications by Year
in descending order

22 papers	487 citations	567281 15 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	653 citing authors

#	Article	IF	Citations
1	Simultaneous Targeting of Multiple Gene Homeologs to Alter Seed Oil Production in Camelina sativa. Plant and Cell Physiology, 2017, 58, 1260-1267.	3.1	80
2	Camelina Seed Yield and Fatty Acids as Influenced by Genotype and Environment. Agronomy Journal, 2017, 109, 947-956.	1.8	42
3	Type 1 diacylglycerol acyltransferases ofBrassica napuspreferentially incorporate oleic acid into triacylglycerol. Journal of Experimental Botany, 2015, 66, 6497-6506.	4.8	33
4	Biochemistry of high stearic sunflower, a new source of saturated fats. Progress in Lipid Research, 2014, 55, 30-42.	11.6	31
5	Sunflower HaGPAT9-1 is the predominant GPAT during seed development. Plant Science, 2016, 252, 42-52.	3.6	30
6	Sunflower (Helianthus annuus) longâ€chain acylâ€coenzyme A synthetases expressed at high levels in developing seeds. Physiologia Plantarum, 2014, 150, 363-373.	5.2	28
7	Versatile Sugar Derivatives for the Synthesis of Potential Degradable Hydrophilicâ€Hydrophobic Polyurethanes and Polyureas. Journal of Carbohydrate Chemistry, 2008, 27, 120-140.	1.1	27
8	On the Inverse Correlation of Protein and Oil: Examining the Effects of Altered Central Carbon Metabolism on Seed Composition Using Soybean Fast Neutron Mutants. Metabolites, 2020, 10, 18.	2.9	25
9	Temporal changes in metabolism late in seed development affect biomass composition. Plant Physiology, 2021, 186, 874-890.	4.8	25
10	Characterization of a small acyl-CoA-binding protein (ACBP) from Helianthus annuus L. and its binding affinities. Plant Physiology and Biochemistry, 2016, 102, 141-150.	5.8	24
11	Acyl carrier proteins from sunflower (Helianthus annuus L.) seeds and their influence on FatA and FatB acyl-ACP thioesterase activities. Planta, 2016, 244, 479-490.	3.2	21
12	Seed yield and oil quality as affected by Camelina cultivar and planting date. Journal of Crop Improvement, 2019, 33, 202-222.	1.7	21
13	Review: Metabolic engineering of unusual lipids in the synthetic biology era. Plant Science, 2017, 263, 126-131.	3.6	18
14	New Insights Into Sunflower (Helianthus annuus L.) FatA and FatB Thioesterases, Their Regulation, Structure and Distribution. Frontiers in Plant Science, 2018, 9, 1496.	3.6	18
15	Dynamics of oil and fatty acid accumulation during seed development in historical soybean varieties. Field Crops Research, 2020, 248, 107719.	5.1	18
16	Suppression of SDP1 Improves Soybean Seed Composition by Increasing Oil and Reducing Undigestible Oligosaccharides. Frontiers in Plant Science, 2022, 13, 863254.	3.6	13
17	Changes in acyl-coenzyme A pools in sunflower seeds with modified fatty acid composition. Phytochemistry, 2013, 87, 39-50.	2.9	9
18	Functional Nitrogenase Cofactor Maturase NifB in Mitochondria and Chloroplasts of Nicotiana benthamiana. MBio, 2022, 13, .	4.1	8

#	Article	IF	Citations
19	Characterization and function of a sunflower (Helianthus annuus L.) Class II acyl-CoA-binding protein. Plant Science, 2020, 300, 110630.	3.6	6
20	Selection for yield shifted the proportion of oil and protein in favor of low-energy seed fractions in soybean. Field Crops Research, 2022, 279, 108446.	5.1	5
21	Analysis of Nitrogenase Fe Protein Activity in Transplastomic Tobacco. Frontiers in Agronomy, 2021, 3, .	3.3	3
22	Generation of camelina mid-oleic acid seed oil by identification and stacking of fatty acid biosynthetic mutants. Industrial Crops and Products, 2021, 159, 113074.	5.2	2