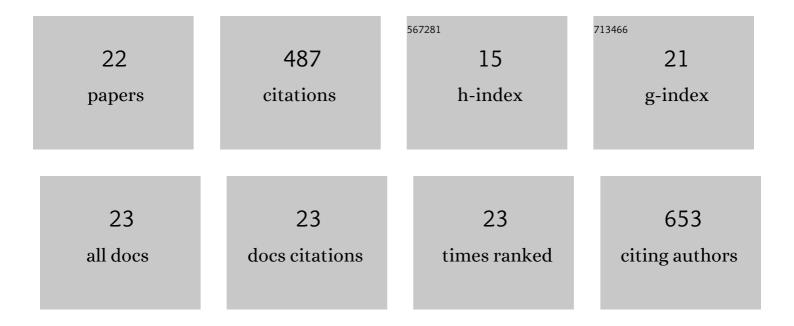
José Antonio Aznar-Moreno

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4537973/publications.pdf

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| # | 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 of <i>Brassica napus</i> preferentially 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 (<i>Helianthus annuus</i>) 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 <i>Nicotiana benthamiana</i> . 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 |