

García Rafael

List of Publications by Year in descending order

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135
papers

3,572
citations

159585

30
h-index

175258

52
g-index

137
all docs

137
docs citations

137
times ranked

2563
citing authors

#	ARTICLE	IF	CITATIONS
1	One-Step Lipid Extraction and Fatty Acid Methyl Esters Preparation from Fresh Plant Tissues. <i>Analytical Biochemistry</i> , 1993, 211, 139-143.	2.4	515
2	Mutant Sunflowers with High Concentration of Saturated Fatty Acids in the Oil. <i>Crop Science</i> , 1995, 35, 739-742.	1.8	117
3	Sunflower mutant containing high levels of palmitic acid in high oleic background. <i>Euphytica</i> , 1997, 97, 113-116.	1.2	80
4	Genetic analysis of the high oleic acid content in cultivated sunflower (<i>Helianthus annuus</i> L.). <i>Euphytica</i> , 1989, 41, 39-51.	1.2	78
5	Evaluation of high oleic-high stearic sunflower hard stearins for cocoa butter equivalent formulation. <i>Food Chemistry</i> , 2012, 134, 1409-1417.	8.2	75
6	Characterization of the morphological changes and fatty acid profile of developing <i>Camelina sativa</i> seeds. <i>Industrial Crops and Products</i> , 2013, 50, 673-679.	5.2	73
7	In vitro oleate desaturase in developing sunflower seeds. <i>Phytochemistry</i> , 1991, 30, 2127-2130.	2.9	72
8	Cloning, characterization and structural model of a FatA-type thioesterase from sunflower seeds (<i>Helianthus annuus</i> L.). <i>Planta</i> , 2005, 221, 868-880.	3.2	61
9	Oils from Improved High Stearic Acid Sunflower Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 5326-5330.	5.2	61
10	Vegetable oil basestocks for lubricants. <i>Grasas Y Aceites</i> , 2011, 62, 21-28.	0.9	61
11	Characterization of polar and nonpolar seed lipid classes from highly saturated fatty acid sunflower mutants. <i>Lipids</i> , 1997, 32, 833-837.	1.7	59
12	Comparative study of ozonized olive oil and ozonized sunflower oil. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 403-407.	0.6	59
13	Identification of Triacylglycerol Species from High-Saturated Sunflower (<i>Helianthus annuus</i>) Mutants. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 764-769.	5.2	56
14	Temperature regulation of oleate desaturase in sunflower (<i>Helianthus annuus</i> L.) seeds. <i>Planta</i> , 1992, 186, 461-5.	3.2	55
15	Proteome Analysis of Cold Acclimation in Sunflower. <i>Journal of Proteome Research</i> , 2011, 10, 2330-2346.	3.7	55
16	Reduced expression of FatA thioesterases in <i>Arabidopsis</i> affects the oil content and fatty acid composition of the seeds. <i>Planta</i> , 2012, 235, 629-639.	3.2	55
17	Acyl-ACP thioesterases from castor (<i>Ricinus communis</i> L.): An enzymatic system appropriate for high rates of oil synthesis and accumulation. <i>Phytochemistry</i> , 2010, 71, 860-869.	2.9	53
18	Temperature effect on a high stearic acid sunflower mutant. <i>Phytochemistry</i> , 2002, 59, 33-37.	2.9	51

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19	Production of stearate-rich butters by solvent fractionation of high stearic acid high oleic sunflower oil. <i>Food Chemistry</i> , 2011, 124, 450-458.	8.2	50
20	Lipid characterization in seeds of a high oleic acid sunflower mutant. <i>Phytochemistry</i> , 1989, 28, 2597-2600.	2.9	47
21	The sources of carbon and reducing power for fatty acid synthesis in the heterotrophic plastids of developing sunflower (<i>Helianthus annuus</i> L.) embryos. <i>Journal of Experimental Botany</i> , 2005, 56, 1297-1303.	4.8	46
22	Characterization of <i>Xanthoceras sorbifolium</i> Bunge seeds: Lipids, proteins and saponins content. <i>Industrial Crops and Products</i> , 2017, 109, 192-198.	5.2	46
23	Fatty Acid Composition in Developing High Saturated Sunflower (<i>Helianthus annuus</i>) Seeds: Maturity Changes and Temperature Effect. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 3577-3582.	5.2	45
24	Acyl-ACP thioesterases from macadamia (<i>Macadamia tetraphylla</i>) nuts: Cloning, characterization and their impact on oil composition. <i>Plant Physiology and Biochemistry</i> , 2011, 49, 82-87.	5.8	42
25	Oleate desaturation and acyl turnover in sunflower (<i>Helianthus annuus</i> L.) seed lipids during rapid temperature adaptation. <i>Planta</i> , 1998, 205, 595-600.	3.2	41
26	Oleate desaturation in seeds of two genotypes of sunflower. <i>Phytochemistry</i> , 1989, 28, 2593-2595.	2.9	40
27	Genetic control of high stearic acid content in the seed oil of the sunflower mutant CAS-3. <i>Theoretical and Applied Genetics</i> , 1999, 99, 663-669.	3.6	39
28	Thermostability of triacylglycerols from mutant sunflower seeds. <i>Journal of the American Oil Chemists' Society</i> , 1999, 76, 1169-1174.	1.9	37
29	The determination of the asymmetrical stereochemical distribution of fatty acids in triacylglycerols. <i>Analytical Biochemistry</i> , 2004, 334, 175-182.	2.4	34
30	Dry Fractionation and Crystallization Kinetics of High Oleic High Stearic Sunflower Oil. <i>Journal of the American Oil Chemists' Society</i> , 2011, 88, 1511.	1.9	33
31	Enzymatic studies of high stearic acid sunflower seed mutants. <i>Plant Physiology and Biochemistry</i> , 2000, 38, 377-382.	5.8	32
32	Sequential one-step extraction and analysis of triacylglycerols and fatty acids in plant tissues. <i>Analytical Biochemistry</i> , 2003, 317, 247-254.	2.4	32
33	Studies of isothermal crystallisation kinetics of sunflower hard stearin-based confectionery fats. <i>Food Chemistry</i> , 2013, 139, 184-195.	8.2	32
34	Biochemical characterization of a high-palmitoleic acid <i>Helianthus annuus</i> mutant. <i>Plant Physiology and Biochemistry</i> , 2004, 42, 373-381.	5.8	31
35	Biochemistry of high stearic sunflower, a new source of saturated fats. <i>Progress in Lipid Research</i> , 2014, 55, 30-42.	11.6	31
36	Oleate from triacylglycerols is desaturated in cold-induced developing sunflower (<i>Helianthus</i>)	3.2	30

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37	Enzymatic characterisation of high-palmitic acid sunflower (<i>Helianthus annuus</i> L.) mutants. <i>Planta</i> , 1999, 207, 533-538.	3.2	30
38	Sunflower HaGPAT9-1 is the predominant GPAT during seed development. <i>Plant Science</i> , 2016, 252, 42-52.	3.6	30
39	Very Long Chain Fatty Acid Synthesis in Sunflower Kernels. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 2710-2716.	5.2	29
40	Current advances in sunflower oil and its applications. <i>Lipid Technology</i> , 2009, 21, 79-82.	0.3	28
41	Oleins as a source of estolides for biolubricant applications. <i>Grasas Y Aceites</i> , 2010, 61, 171-174.	0.9	28
42	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
43	Acyl-acyl carrier protein thioesterase activity from sunflower (<i>Helianthus annuus</i> L.) seeds. <i>Planta</i> , 2000, 211, 673-678.	3.2	27
44	The role of β -ketoacyl-acyl carrier protein synthase III in the condensation steps of fatty acid biosynthesis in sunflower. <i>Planta</i> , 2010, 231, 1277-1289.	3.2	27
45	Cloning, biochemical characterization and expression of a sunflower (<i>Helianthus annuus</i> L.) hexokinase associated with seed storage compounds accumulation. <i>Journal of Plant Physiology</i> , 2011, 168, 299-308.	3.5	27
46	Molecular cloning and characterization of the genes encoding a microsomal oleate Δ^{12} desaturase (CsFAD2) and linoleate Δ^{15} desaturase (CsFAD3) from <i>Camelina sativa</i> . <i>Industrial Crops and Products</i> , 2016, 89, 405-415.	5.2	27
47	Inheritance of high palmitic acid content in the seed oil of sunflower mutant CAS-5. <i>Theoretical and Applied Genetics</i> , 1999, 98, 496-501.	3.6	26
48	Lipid characterization of seed oils from high-palmitic, low-palmitoleic, and very high-stearic acid sunflower lines. <i>Lipids</i> , 2005, 40, 369-374.	1.7	26
49	Spectroscopic Characterization of Ozonated Sunflower Oil. <i>Ozone: Science and Engineering</i> , 2005, 27, 247-253.	2.5	25
50	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
51	Cloning and expression of fatty acids biosynthesis key enzymes from sunflower (<i>Helianthus annuus</i> L.) in <i>Escherichia coli</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 786, 221-228.	2.3	23
52	Glycolytic enzymatic activities in developing seeds involved in the differences between standard and low oil content sunflowers (<i>Helianthus annuus</i> L.). <i>Plant Physiology and Biochemistry</i> , 2010, 48, 961-965.	5.8	23
53	Increase of the Stearic Acid Content in High-Oleic Sunflower (<i>Helianthus annuus</i>) Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 9383-9388.	5.2	22
54	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

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55	Characterization of glycolytic initial metabolites and enzyme activities in developing sunflower (<i>Helianthus annuus</i> L.) seeds. <i>Phytochemistry</i> , 2009, 70, 1117-1122.	2.9	20
56	Acyl-ACP thioesterases from <i>Camelina sativa</i> : Cloning, enzymatic characterization and implication in seed oil fatty acid composition. <i>Phytochemistry</i> , 2014, 107, 7-15.	2.9	20
57	Lipid Characterization in Vegetative Tissues of High Saturated Fatty Acid Sunflower Mutants. <i>Journal of Agricultural and Food Chemistry</i> , 1999, 47, 78-82.	5.2	19
58	Accumulation of phospholipids and glycolipids in seed kernels of different sunflower mutants (<i>Helianthus annuus</i>). <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2006, 83, 539-545.	1.9	19
59	Tropical vegetable fats and butters: properties and new alternatives. <i>Oleagineux Corps Gras Lipides</i> , 2009, 16, 254-258.	0.2	19
60	Characterization of soluble acyl-ACP desaturases from <i>Camelina sativa</i> , <i>Macadamia tetraphylla</i> and <i>Dolichandra unguis-cati</i> . <i>Journal of Plant Physiology</i> , 2015, 178, 35-42.	3.5	19
61	New insights in the composition of wax and sterol esters in common and mutant sunflower oils revealed by ESI-MS/MS. <i>Food Chemistry</i> , 2018, 269, 70-79.	8.2	19
62	Inheritance of high palmitic acid content in the sunflower mutant CAS-12 and its relationship with high oleic content. <i>Plant Breeding</i> , 2002, 121, 49-56.	1.9	18
63	Functional characterization of a plastidial omega-3 desaturase from sunflower (<i>Helianthus annuus</i>) in cyanobacteria. <i>Plant Physiology and Biochemistry</i> , 2006, 44, 517-525.	5.8	18
64	Sunflower (<i>Helianthus annuus</i>) fatty acid synthase complex: Δ^2 -hydroxyacyl-[acyl carrier protein] dehydratase genes. <i>Planta</i> , 2016, 243, 397-410.	3.2	18
65	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
66	Sunflower (<i>Helianthus annuus</i>) fatty acid synthase complex: enoyl-[acyl carrier protein]-reductase genes. <i>Planta</i> , 2015, 241, 43-56.	3.2	17
67	Molecular and biochemical characterization of the OLE-1 high-oleic castor seed (<i>Ricinus communis</i> L.) mutant. <i>Planta</i> , 2016, 244, 245-258.	3.2	17
68	Metabolism of Triacylglycerol Species during Seed Germination in Fatty Acid Sunflower (<i>Helianthus annuus</i>) Mutants. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 770-774.	5.2	16
69	Molecular cloning and biochemical characterization of three phosphoglycerate kinase isoforms from developing sunflower (<i>Helianthus annuus</i> L.) seeds. <i>Phytochemistry</i> , 2012, 79, 27-38.	2.9	16
70	Effect of a mutagenized acyl-ACP thioesterase FATA allele from sunflower with improved activity in tobacco leaves and <i>Arabidopsis</i> seeds. <i>Planta</i> , 2014, 239, 667-677.	3.2	16
71	Food Uses of Sunflower Oils. , 2015, , 441-464.		16
72	Mutagenesis in Sunflower. , 2015, , 27-52.		16

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73	Cloning, heterologous expression and biochemical characterization of plastidial sn-glycerol-3-phosphate acyltransferase from <i>Helianthus annuus</i> . <i>Phytochemistry</i> , 2015, 111, 27-36.	2.9	16
74	The biochemical characterization of a high-stearic acid sunflower mutant reveals the coordinated regulation of stearoyl-acyl carrier protein desaturases. <i>Plant Physiology and Biochemistry</i> , 2008, 46, 109-116.	5.8	15
75	Phospholipase D \pm from sunflower (<i>Helianthus annuus</i>): cloning and functional characterization. <i>Journal of Plant Physiology</i> , 2010, 167, 503-511.	3.5	15
76	Temperature-related non-homogeneous fatty acid desaturation in sunflower (<i>Helianthus annuus</i> L.) seeds. <i>Planta</i> , 2003, 216, 834-840.	3.2	14
77	Effect of growth temperature on the high stearic and high stearic-high oleic sunflower traits. <i>Crop and Pasture Science</i> , 2013, 64, 18.	1.5	14
78	Effect of solvents on the fractionation of high oleic \rightarrow high stearic sunflower oil. <i>Food Chemistry</i> , 2015, 172, 710-717.	8.2	14
79	Functional characterization and structural modelling of <i>Helianthus annuus</i> (sunflower) ketoacyl-CoA synthases and their role in seed oil composition. <i>Planta</i> , 2019, 249, 1823-1836.	3.2	14
80	Characterization of the glycerolipid composition of a high-palmitoleic acid sunflower mutant. <i>European Journal of Lipid Science and Technology</i> , 2007, 109, 591-599.	1.5	13
81	Characterization and partial purification of acyl-CoA:glycerol 3-phosphate acyltransferase from sunflower (<i>Helianthus annuus</i> L.) developing seeds. <i>Plant Physiology and Biochemistry</i> , 2010, 48, 73-80.	5.8	13
82	Characterization of Sphingolipids from Sunflower Seeds with Altered Fatty Acid Composition. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 12486-12492.	5.2	13
83	Phospholipid molecular profiles in the seed kernel from different sunflower (<i>Helianthus annuus</i>) mutants. <i>Lipids</i> , 2006, 41, 805-811.	1.7	12
84	Influence of Specific Fatty Acids on the Asymmetric Distribution of Saturated Fatty Acids in Sunflower (<i>Helianthus annuus</i> L.) Triacylglycerols. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 1595-1599.	5.2	12
85	Molecular and biochemical characterization of the sunflower (<i>Helianthus annuus</i> L.) cytosolic and plastidial enolases in relation to seed development. <i>Plant Science</i> , 2018, 272, 117-130.	3.6	12
86	Epistatic interaction among loci controlling the palmitic and the stearic acid levels in the seed oil of sunflower. <i>Theoretical and Applied Genetics</i> , 2000, 100, 105-111.	3.6	11
87	Day \rightarrow Night Variation in Fatty Acids and Lipids Biosynthesis in Sunflower Seeds. <i>Crop Science</i> , 2008, 48, 1952-1957.	1.8	11
88	Temperature effect on triacylglycerol species in seed oil from high stearic sunflower lines with different genetic backgrounds. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 4367-4376.	3.5	11
89	Dynamic channelling during de novo fatty acid biosynthesis in <i>Helianthus annuus</i> seeds. <i>Plant Physiology and Biochemistry</i> , 2002, 40, 383-391.	5.8	10
90	Genome-Wide Mapping of Histone H3 Lysine 4 Trimethylation (H3K4me3) and Its Involvement in Fatty Acid Biosynthesis in Sunflower Developing Seeds. <i>Plants</i> , 2021, 10, 706.	3.5	10

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91	Sunflower (<i>Helianthus annuus</i>) fatty acid synthase complex: Δ^2 -Ketoacyl-[acyl carrier protein] reductase genes. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 689-699.	5.8	10
92	New sunflower mutants with altered seed fatty acid composition. <i>Progress in Lipid Research</i> , 1994, 33, 147-154.	11.6	9
93	The sunflower plastidial Δ^3 -fatty acid desaturase (HaFAD7) contains the signalling determinants required for targeting to, and retention in, the endoplasmic reticulum membrane in yeast but requires co-expressed ferredoxin for activity. <i>Phytochemistry</i> , 2010, 71, 1050-1058.	2.9	9
94	Sphingolipid base modifying enzymes in sunflower (<i>Helianthus annuus</i>): Cloning and characterization of a C4-hydroxylase gene and a new paralogous Δ^8 -desaturase gene. <i>Journal of Plant Physiology</i> , 2011, 168, 831-839.	3.5	9
95	Changes in acyl-coenzyme A pools in sunflower seeds with modified fatty acid composition. <i>Phytochemistry</i> , 2013, 87, 39-50.	2.9	9
96	Characterization of Sunflower Stearin-Based Confectionary Fats in Bulk and in Compound Coatings. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2018, 95, 1139-1150.	1.9	9
97	Functional Characterization of Lysophosphatidylcholine: Acyl-CoA Acyltransferase Genes From Sunflower (<i>Helianthus annuus</i> L.). <i>Frontiers in Plant Science</i> , 2020, 11, 403.	3.6	9
98	High stearic sunflower oil: Latest advances and applications. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2021, 28, 35.	1.4	9
99	Light-dependent decrease in alcohol dehydrogenase activity of <i>Phycomyces</i> . <i>Experimental Mycology</i> , 1985, 9, 94-98.	1.6	8
100	Cloning, biochemical characterisation, tissue localisation and possible post-translational regulatory mechanism of the cytosolic phosphoglucose isomerase from developing sunflower seeds. <i>Planta</i> , 2010, 232, 845-859.	3.2	8
101	Alternatives to tropical fats based on high-stearic sunflower oils. <i>Lipid Technology</i> , 2012, 24, 63-65.	0.3	8
102	Lipid profiling and oil properties of <i>Camelina sativa</i> seeds engineered to enhance the production of saturated and omega-7 fatty acids. <i>Industrial Crops and Products</i> , 2021, 170, 113765.	5.2	8
103	Inheritance of Medium Stearic Acid Content in the Seed Oil of a Sunflower Mutant CAS4. <i>Crop Science</i> , 2002, 42, 1806-1811.	1.8	7
104	Inhibitors of fatty acid biosynthesis in sunflower seeds. <i>Journal of Plant Physiology</i> , 2006, 163, 885-894.	3.5	7
105	Estudio comparativo de la ozonización de aceites de girasol modificados genéticamente y sin modificar. <i>Química Nova</i> , 2009, 32, 2467-2472.	0.3	7
106	Lipidomic Analysis of Plastidial Octanoyltransferase Mutants of <i>Arabidopsis thaliana</i> . <i>Metabolites</i> , 2019, 9, 209.	2.9	7
107	Impact of sunflower (<i>Helianthus annuus</i> L.) plastidial lipoyl synthases genes expression in glycerolipids composition of transgenic <i>Arabidopsis</i> plants. <i>Scientific Reports</i> , 2020, 10, 3749.	3.3	7
108	Characterization of different ozonized sunflower oils I. Chemical changes during ozonization. <i>Grasas Y Aceites</i> , 2019, 70, 329.	0.9	7

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109	Effect of the ferredoxin electron donor on sunflower (<i>Helianthus annuus</i>) desaturases. <i>Plant Physiology and Biochemistry</i> , 2009, 47, 657-662.	5.8	6
110	<i>Agrobacterium</i> -Mediated Transient Gene Expression in Developing <i>Ricinus communis</i> Seeds: A First Step in Making the Castor Oil Plant a Chemical Biofactory. <i>Frontiers in Plant Science</i> , 2019, 10, 1410.	3.6	6
111	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
112	Examination of <i>Phycomyces blakesleeanus</i> for nitrate reductase as a possible blue light photoreceptor. <i>Plant Science</i> , 1985, 40, 173-177.	3.6	5
113	Genetic Relationships between Loci Controlling the High Stearic and the High Oleic Acid Traits in Sunflower. <i>Crop Science</i> , 2000, 40, 990-995.	1.8	5
114	Lipid Characterization of a High-Stearic Sunflower Mutant Displaying a Seed Stearic Acid Gradient. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 3612-3616.	5.2	5
115	Lipid characterization of a wrinkled sunflower mutant. <i>Phytochemistry</i> , 2008, 69, 684-691.	2.9	5
116	Acyl Turnover in Triacylglycerols. Its Role in the Regulation by Temperature of the 18:1/18:2 Ratio in Sunflower Seeds. , 1995, , 378-380.		5
117	The Sunflower WRINKLED1 Transcription Factor Regulates Fatty Acid Biosynthesis Genes through an AW Box Binding Sequence with a Particular Base Bias. <i>Plants</i> , 2022, 11, 972.	3.5	5
118	Characterization of the acyl-ACP thioesterases from <i>Koeleria paniculata</i> reveals a new type of FatB thioesterase. <i>Heliyon</i> , 2020, 6, e05237.	3.2	4
119	Effect of the distribution of saturated fatty acids in the melting and crystallization profiles of high-oleic high-stearic oils. <i>Grasas Y Aceites</i> , 2016, 67, e149.	0.9	4
120	Characterization of <i>Helianthus annuus</i> Lipoic Acid Biosynthesis: The Mitochondrial Octanoyltransferase and Lipoyl Synthase Enzyme System. <i>Frontiers in Plant Science</i> , 2021, 12, 781917.	3.6	4
121	<i>Phycomyces</i> : a new gene for a flavoprotein with covalently linked cofactor. <i>Molecular Genetics and Genomics</i> , 1986, 203, 341-345.	2.4	3
122	Microsomal polypeptides in sunflower (<i>Helianthus annuus</i>). Comparison between normal type before and after cold-induction, and a high oleic acid mutant. <i>Physiologia Plantarum</i> , 1994, 91, 97-103.	5.2	3
123	cDNA cloning, expression levels and gene mapping of photosynthetic and non-photosynthetic ferredoxin genes in sunflower (<i>Helianthus annuus</i> L.). <i>Theoretical and Applied Genetics</i> , 2009, 118, 891-901.	3.6	3
124	Metabolic control analysis of de novo sunflower fatty acid biosynthesis. <i>Biochemical Society Transactions</i> , 2000, 28, 669-671.	3.4	2
125	Estudio analítico de especies oxigenadas en el aceite de teobroma ozonizado. <i>Química Nova</i> , 2008, 31, 610-613.	0.3	2
126	Alcohol dehydrogenase activity and carotenogenesis in <i>Phycomyces</i> . <i>Experimental Mycology</i> , 1985, 9, 356-358.	1.6	1

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127	Fatty Acid Composition of Different Tissues During High Stearic or High Palmitic Sunflower Mutants Germination. , 1997, , 322-324.		1
128	Characterization of different ozonized sunflower oils II. Triacylglycerol condensation and physical properties. Grasas Y Aceites, 2019, 70, 330.	0.9	1
129	Metabolism and accumulation of hydroxylated fatty acids by castor (Ricinus comunis) seed microsomes. Plant Physiology and Biochemistry, 2022, 170, 266-274.	5.8	1
130	GENETIC CHARACTERIZATION OF SUNFLOWER MUTANTS WITH HIGH CONTENT OF SATURATED FATTY ACIDS IN SEED OIL / CARACTERIZACION GENETICA DE MUTANTES DE GIRASOL CON ALTO CONTENIDO EN ACIDOS GRASOS SATURADOS / CARACTÉRISATION GÉNÉTIQUE DES MUTANTS DE TOURNESOL À HAUT CONTENU D'ACIDES GRAS SATURÉS DANS L'HUILE. Helia, 2000, 23, 77-84.	0.4	0
131	Prologe: Biodegradable lubricants from vegetable oils. Grasas Y Aceites, 2011, 62, 7.	0.9	0
132	Comparing Sunflower Stearins with Cocoa Butter. , 2013, , 149-161.		0
133	Study of the Asymmetric Distribution of Saturated Fatty Acids in Sunflower Oil Triacylglycerols. , 2003, , 31-34.		0
134	Microsomal polypeptides in sunflower (Helianthus annuus). Comparison between normal type before and after cold-induction, and a high oleic acid mutant. Physiologia Plantarum, 1994, 91, 97-103.	5.2	0
135	Characterization and impact of sunflower plastidial octanoyltransferases (Helianthus annuus L.) on oil composition. Journal of Plant Physiology, 2022, 274, 153730.	3.5	0