Leonardo Velasco

List of Publications by Year
in descending order

177	3,367	136950 32	243625 44
papers	citations	h-index	g-index

179	179	179	2240
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determination of seed oil content and fatty acid composition in sunflower through the analysis of intact seeds, husked seeds, meal and oil by near-infrared reflectance spectroscopy. JAOCS, Journal of the American Oil Chemists' Society, 1998, 75, 547-555.	1.9	89
2	Quantitative trait loci for broomrape (Orobanche cumana Wallr.) resistance in sunflower. Theoretical and Applied Genetics, 2004, 109, 92-102.	3.6	85
3	Title is missing!. Euphytica, 1999, 106, 79-85.	1.2	78
4	Title is missing!. Genetic Resources and Crop Evolution, 1998, 45, 371-382.	1.6	73
5	Chemotaxonomic significance of fatty acids and tocopherols in Boraginaceae. Phytochemistry, 1999, 52, 423-426.	2.9	73
6	Title is missing!. Euphytica, 1998, 101, 221-230.	1.2	68
7	Changes in squalene and sterols associated with olive maturation. Food Research International, 2013, 54, 1885-1889.	6.2	64
8	Genetic and environmental variation for tocopherol content and composition in sunflower commercial hybrids. Journal of Agricultural Science, 2002, 139, 425-429.	1.3	56
9	Chemotaxonomic value of tocopherols in Brassicaceae. Phytochemistry, 1999, 50, 793-798.	2.9	55
10	A receptor-like kinase enhances sunflower resistance to Orobanche cumana. Nature Plants, 2019, 5, 1211-1215.	9.3	53
11	Inheritance of resistance to broomrape (Orobanche cumana Wallr.) race F in a sunflower line derived from wild sunflower species. Plant Breeding, 2007, 126, 67-71.	1.9	50
12	Inheritance of resistance to sunflower broomrape (Orobanche cumana Wallr.) in an interspecific cross between Helianthus annuus and Helianthus debilis subsp. tardiflorus. Plant Breeding, 2012, 131, 220-221.	1.9	49
13	Tocopherol, plastochromanol and fatty acid patterns in the genusLinum. Plant Systematics and Evolution, 2000, 221, 77-88.	0.9	46
14	Sunflower Resistance to Broomrape (Orobanche cumana) Is Controlled by Specific QTLs for Different Parasitism Stages. Frontiers in Plant Science, 2016, 7, 590.	3.6	45
15	Erucic acid in feed and food. EFSA Journal, 2016, 14, e04593.	1.8	45
16	Novel variation for the tocopherol profile in a sunflower created by mutagenesis and recombination. Plant Breeding, 2004, 123, 490-492.	1.9	44
17	Determination of the fatty acid composition of the oil in intact-seed mustard by near-infrared reflectance spectroscopy. JAOCS, Journal of the American Oil Chemists' Society, 1997, 74, 1595-1602.	1.9	43
18	Seed yield, oil and phytate concentration in the seeds of two oilseed rape cultivars as affected by different phosphorus supply. European Journal of Agronomy, 1999, 11, 293-299.	4.1	43

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19	Analysis of total glucosinolate content and individual glucosinolates inBrassicaspp. by near-infrared reflectance spectroscopy. Plant Breeding, 1998, 117, 97-102.	1.9	40
20	Breeding Oilseed Crops for Improved Oil Quality. The Journal of Crop Improvement: Innovations in Practiceory and Research, 2002, 5, 309-344.	0.4	40
21	Fruit characteristics and fatty acid composition in advanced olive breeding selections along the ripening period. Food Research International, 2013, 54, 1890-1896.	6.2	40
22	Early selection for oil quality components in olive breeding progenies. European Journal of Lipid Science and Technology, 2016, 118, 1160-1167.	1.5	38
23	Fatty acids and tocochromanols in seeds of Orobanche. Phytochemistry, 2000, 54, 295-300.	2.9	37
24	Variability for seed glucosinolates in a germplasm collection of the genus Brassica. , 2000, 47, 231-238.		37
25	Registration of Four Sunflower Germplasms Resistant to Race F of Broomrape. Crop Science, 2004, 44, 1033-1034.	1.8	36
26	Development and characterization of genomic microsatellite markers in safflower (Carthamus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	36
27	Validation of a method for the analysis of phytosterols in sunflower seeds. European Journal of Lipid Science and Technology, 2012, 114, 325-331.	1.5	36
28	Induced variability for C18 unsaturated fatty acids in Ethiopian mustard. Canadian Journal of Plant Science, 1997, 77, 91-95.	0.9	35
29	Thermostability of genetically modified sunflower oils differing in fatty acid and tocopherol compositions. European Journal of Lipid Science and Technology, 2008, 110, 776-782.	1.5	35
30	Nondestructive Screening for Oleic and Linoleic Acid in Single Sunflower Achenes by Nearâ€Infrared Reflectance Spectroscopy. Crop Science, 1999, 39, 219-222.	1.8	34
31	Development of calibration equations to predict oil content and fatty acid composition in brassicaceae germplasm by near-infrared reflectance spectroscopy. JAOCS, Journal of the American Oil Chemists' Society, 1999, 76, 25-30.	1.9	34
32	Quantitative determination of tocopherols in single seeds of rapeseed (Brassica napus L.). Lipid - Fett, 1999, 101, 142-145.	0.4	34
33	Genetic diversity of Orobanche cumana populations from Spain assessed using <scp>SSR</scp> markers. Weed Research, 2013, 53, 279-289.	1.7	34
34	Identification and genetic characterization of a safflower mutant with a modified tocopherol profile. Plant Breeding, 2005, 124, 459-463.	1.9	33
35	Using Wild Olives in Breeding Programs: Implications on Oil Quality Composition. Frontiers in Plant Science, 2018, 9, 232.	3.6	33
36	Title is missing!. Euphytica, 2002, 123, 89-93.	1.2	32

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37	Update on breeding for resistance to sunflower broomrape. Helia, 2008, 31, 73-84.	0.4	32
38	Fatty acid and tocopherol accumulation in the seeds of a high oleic acid castor mutant. Industrial Crops and Products, 2005, 22, 201-206.	5.2	31
39	Inheritance of high oleic acid content in safflower. Euphytica, 2009, 168, 61-69.	1.2	31
40	Mapping of major and modifying genes for high oleic acid content in safflower. Molecular Breeding, 2012, 30, 1279-1293.	2.1	31
41	Nondestructive Assessment of Sinapic Acid Esters in Brassica Species: II. Evaluation of Germplasm and Identification of Phenotypes with Reduced Levels. Crop Science, 1998, 38, 1650-1654.	1.8	29
42	Molecular Mapping of Nuclear Male Sterility Genes in Sunflower. Crop Science, 2005, 45, 1851-1857.	1.8	28
43	Increased Virulence in Sunflower Broomrape (Orobanche cumana Wallr.) Populations from Southern Spain Is Associated with Greater Genetic Diversity. Frontiers in Plant Science, 2016, 7, 589.	3.6	28
44	Characterization of yam bean (Pachyrhizus spp.) Seeds as potential sources of high palmitic acid oil. JAOCS, Journal of the American Oil Chemists' Society, 1999, 76, 1309-1312.	1.9	26
45	Isolation of induced mutants in Ethiopian mustard (Brassica carinata Braun) with low levels of erucic acid. Plant Breeding, 1995, 114, 454-456.	1.9	25
46	Development of high-oleic, low-linolenic acid Ethiopian-mustard (Brassica carinata) germplasm. Theoretical and Applied Genetics, 2003, 107, 823-830.	3.6	25
47	Genetic Mapping of the Tph1 Gene Controlling Beta-tocopherol Accumulation in Sunflower Seeds. Molecular Breeding, 2006, 17, 291-296.	2.1	25
48	A dominant avirulence gene in <scp>O</scp>robanche cumana triggers <scp>O</scp>r5 resistance in sunflower. Weed Research, 2013, 53, 322-327.	1.7	25
49	Sunflower. , 2009, , 155-232.		24
50	Novel safflower oil with high Î³â€tocopherol content has a high oxidative stability. European Journal of Lipid Science and Technology, 2014, 116, 832-836.	1.5	24
51	Comparative studies on Orobanche cernua L. and O. cumana Wallr. (Orobanchaceae) in the Iberian Peninsula. Botanical Journal of the Linnean Society, 2000, 134, 513-527.	1.6	23
52	Marker-Assisted and Physiology-Based Breeding for Resistance to Root Parasitic Orobanchaceae. , 2013, , 369-391.		23
53	Increasing erucic acid content in Ethiopian mustard through mutation breeding. Plant Breeding, 1998, 117, 85-87.	1.9	22
54	Use of Nearâ€Infrared Reflectance Spectroscopy for Selecting for High Stearic Acid Concentration in Single Husked Achenes of Sunflower. Crop Science, 2004, 44, 93-97.	1.8	22

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55	Genetic and Molecular Analysis of High Gamma-Tocopherol Content in Sunflower. Crop Science, 2006, 46, 2015-2021.	1.8	22
56	Breeding for specialty oil types in sunflower. Helia, 2007, 30, 75-84.	0.4	22
57	Tocopherols accumulation in developing seeds and pods of rapeseed (Brassica napus L.). Lipid - Fett, 1999, 101, 400-403.	0.4	21
58	Chemical components influencing oxidative stability and sensorial properties of extra virgin olive oil and effect of genotype and location on their expression. LWT - Food Science and Technology, 2021, 136, 110257.	5.2	21
59	Selection for Some Olive Oil Quality Components Through the Analysis of Fruit Flesh. JAOCS, Journal of the American Oil Chemists' Society, 2014, 91, 1731-1736.	1.9	20
60	Association mapping for kernel phytosterol content in almond. Frontiers in Plant Science, 2015, 6, 530.	3.6	20
61	Genotype by environment interaction for oil quality components in olive tree. European Journal of Agronomy, 2020, 119, 126115.	4.1	20
62	Gene banks for wild and cultivated sunflower genetic resources. OCL - Oilseeds and Fats, Crops and Lipids, 2020, 27, 9.	1.4	20
63	Molecular analysis of the high stearic acid content in sunflower mutant CAS-14. Theoretical and Applied Genetics, 2006, 112, 867-875.	3.6	19
64	Inheritance of very high linoleic acid content and its relationship with nuclear male sterility in safflower. Plant Breeding, 2008, 127, 507-509.	1.9	19
65	Selection for contrasting seed tocopherol content in sunflower seeds. Journal of Agricultural Science, 2010, 148, 393-400.	1.3	19
66	Phytosterol Variability in Almond Germplasm. Journal of the American Society for Horticultural Science, 2012, 137, 343-348.	1.0	19
67	Identification, characterisation and discriminatory power of microsatellite markers in the parasitic weed <scp>O</scp>robanche cumana. Weed Research, 2014, 54, 120-132.	1.7	18
68	Genetic study of recessive broomrape resistance in sunflower. Euphytica, 2016, 209, 419-428.	1.2	18
69	Tocopherol and fatty acid composition of twenty-five species of Onagraceae Juss.. Botanical Journal of the Linnean Society, 1999, 129, 359-366.	1.6	17
70	Registration of CRâ€ ³4 and CRâ€ ¸1 Safflower Germplasms with Increased Tocopherol. Crop Science, 2004, 44, 2278-2278.	1.8	17
71	Screening Ethiopian Mustard for Erucic Acid By Near Infrared Reflectance Spectroscopy. Crop Science, 1996, 36, 1068-1071.	1.8	16
72	Title is missing!. Euphytica, 1999, 106, 125-130.	1.2	16

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73	Development and characterisation of a Brassica carinata inbred line incorporating genes for low glucosinolate content from B. juncea. Euphytica, 2008, 164, 365-375.	1.2	16
74	Update on breeding for resistance to sunflower broomrape. Helia, 2010, 33, 1-11.	0.4	16
75	Molecular tagging and candidate gene analysis of the high gamma-tocopherol trait in safflower (Carthamus tinctorius L.). Molecular Breeding, 2011, 28, 367-379.	2.1	16
76	Genetic basis of unstable expression of high gamma-tocopherol content in sunflower seeds. BMC Plant Biology, 2012, 12, 71.	3.6	16
77	Variability for Seed Phytosterols in Sunflower Germplasm. Crop Science, 2014, 54, 190-197.	1.8	16
78	Initial selection steps in olive breeding programs. Euphytica, 2015, 201, 453-462.	1.2	16
79	Development of SCAR markers linked to male sterility and very high linoleic acid content in safflower. Molecular Breeding, 2008, 22, 385-393.	2.1	15
80	First Report of Sunflower Broomrape, Orobanche cumana Wallr., in Morocco. Plant Disease, 2018, 102, 457-457.	1.4	15
81	Characterization of postâ€haustorial resistance to sunflower broomrape. Crop Science, 2020, 60, 1188-1198.	1.8	15
82	Identification and genetic characterization of new sources of beta- and gamma-tocopherol in sunflower germplasm. Helia, 2003, 26, 17-23.	0.4	15
83	Registration of T589 and T2100 Sunflower Germplasms with Modified Tocopherols. Crop Science, 2004, 44, 362-363.	1.8	14
84	Extent of cross-fertilization in Orobanche cumana Wallr.. Biologia Plantarum, 2013, 57, 559-562.	1.9	14
85	Genetic Variation and Genotype Ã— Environment Interactions for Seed Phytosterols in Sunflower. Crop Science, 2013, 53, 1589-1593.	1.8	14
86	A rapid and simple approach to identify different sunflower oil types by means of near-infrared reflectance spectroscopy. JAOCS, Journal of the American Oil Chemists' Society, 1998, 75, 1883-1888.	1.9	13
87	Nondestructive Assessment of Sinapic Acid Esters in Brassica Species: I. Analysis by Near Infrared Reflectance Spectroscopy. Crop Science, 1998, 38, 1645-1650.	1.8	13
88	Registration of Zero Erucic Acid Ethiopian Mustard Genetic Stock 25Xâ€1. Crop Science, 2001, 41, 282-282.	1.8	13
89	Inheritance of Increased Oleic Acid Concentration in High-Erucic Acid Ethiopian Mustard. Crop Science, 2003, 43, 106.	1.8	13
90	Inheritance of High Stearic Acid Content in the Sunflower Mutant CASâ€14. Crop Science, 2006, 46, 22-29.	1.8	13

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91	Transferability of non-genic microsatellite and gene-based sunflower markers to safflower. Euphytica, 2010, 175, 145-150.	1.2	13
92	Tocopherols and phytosterols in sunflower seeds for the human food market. Grasas Y Aceites, 2012, 63, 321-327.	0.9	13
93	Nearâ€infrared spectroscopy for analysis of oil content and fatty acid profile in almond flour. European Journal of Lipid Science and Technology, 2013, 115, 211-216.	1.5	13
94	Variability of seed quality traits in wild and semi-wild accessions of castor collected in Spain. Industrial Crops and Products, 2015, 65, 203-209.	5.2	13
95	Research on resistance to sunflower broomrape: an integrated vision. OCL - Oilseeds and Fats, Crops and Lipids, 2016, 23, D203.	1.4	13
96	Registration of Three Sunflower Germplasms with Quantitative Resistance to Race F of Broomrape. Crop Science, 2006, 46, 1406-1407.	1.8	12
97	Novel seed oil types of Ethiopian mustard with high levels of polyunsaturated fatty acids. Industrial Crops and Products, 2008, 27, 359-363.	5.2	12
98	A new sunflower mutant with increased levels of palmitic acid in seed oil. Helia, 2008, 31, 55-60.	0.4	12
99	Novel Safflower Germplasm with Increased Saturated Fatty Acid Content. Crop Science, 2009, 49, 127-132.	1.8	12
100	Progress in research on breeding for resistance to sunflower broomrape. Helia, 2012, 35, 47-56.	0.4	12
101	Free sterols and steryl glycosides in sunflower seeds with high phytosterol contents. European Journal of Lipid Science and Technology, 2012, 114, 1212-1216.	1.5	12
102	The Genetic Structure of WildOrobanche cumanaWallr. (Orobanchaceae) Populations in Eastern Bulgaria Reflects Introgressions from Weedy Populations. Scientific World Journal, The, 2014, 2014, 1-15.	2.1	12
103	Sunflower Broomrape (Orobanche cumana Wallr.). , 2015, , 129-155.		12
104	Registration of T589 and T2100 Sunflower Germplasms with Modified Tocopherols. Crop Science, 2004, 44, 362.	1.8	12
105	Selection for reduced linolenic acid content in Ethiopian mustard (Brassica carinata Braun). Plant Breeding, 1997, 116, 396-397.	1.9	11
106	Inheritance of reduced linolenic acid content in the Ethiopian mustard mutant N2-4961. Plant Breeding, 2002, 121, 263-265.	1.9	11
107	Use of Near-Infrared Reflectance Spectroscopy for Selecting for High Stearic Acid Concentration in Single Husked Achenes of Sunflower. Crop Science, 2004, 44, 93.	1.8	11
108	Dominance relationships for genes conferring resistance to broomrape (Orobanche cumana wallr) in sunflower. Helia, 2004, 27, 183-192.	0.4	11

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109	Comparative genetic study of two sources of beta-tocopherol in sunflower. Helia, 2005, 28, 1-8.	0.4	11
110	Performance of near-infrared reflectance spectroscopy (NIRS) in routine analysis of C18 unsaturated fatty acids in intact rapeseed. Lipid - Fett, 1998, 100, 44-48.	0.4	10
111	Application of near-infrared reflectance spectroscopy to estimate the bulk density of Ethiopian mustard seeds. , 1998, 77, 312-318.		10
112	Relationships between seed oil content and fatty acid composition in high stearic acid sunflower. Plant Breeding, 2007, 126, 503-508.	1.9	10
113	Transferability, amplification quality, and genome specificity of microsatellites inBrassica carinata and related species. Journal of Applied Genetics, 2010, 51, 123-131.	1.9	10
114	Inheritance of the unpigmented plant trait in Orobanche cumana. Weed Research, 2011, 51, 151-156.	1.7	10
115	Registration of Six Ethiopian Mustard Germplasm Lines. Crop Science, 1998, 38, 558-558.	1.8	9
116	Use of nearâ€infrared reflectance spectroscopy to assess nitrogen concentration in different plant tissues of rapeseed. Communications in Soil Science and Plant Analysis, 2000, 31, 2987-2995.	1.4	9
117	Current research strategies for sunflower broomrape control in Spain. Helia, 2009, 32, 47-55.	0.4	9
118	Molecular basis of the high-palmitic acid trait in sunflower seed oil. Molecular Breeding, 2016, 36, 1.	2.1	9
119	An Analytical Simplification for Faster Determination of Fatty Acid Composition and Phytosterols in Seed Oils. Food Analytical Methods, 2018, 11, 1234-1242.	2.6	9
120	An SSR-SNP Linkage Map of the Parasitic Weed Orobanche cumana Wallr. Including a Gene for Plant Pigmentation. Frontiers in Plant Science, 2019, 10, 797.	3.6	9
121	Development of sunflower germplasm with high delta-tocopherol content. Helia, 2004, 27, 99-106.	0.4	9
122	Genetic and physiological characterization of sunflower resistance provided by the wild-derived OrDeb2 gene against highly virulent races of Orobanche cumana Wallr. Theoretical and Applied Genetics, 2022, 135, 501-525.	3.6	9
123	Allelic variation in linolenic acid content of high erucic acid Ethiopian mustard and incorporation of the low linolenic acid trait into zero erucic acid germplasm. Plant Breeding, 2004, 123, 137-140.	1.9	8
124	Spatial and Temporal Expression of Mutations for High Oleic Acid and Low Linolenic Acid Concentration in Ethiopian Mustard. Crop Science, 2005, 45, cropsci2005.0202.	1.8	8
125	New sunflower seeds with high contents of phytosterols. OCL - Oilseeds and Fats, Crops and Lipids, 2014, 21, D604.	1.4	8
126	Broomrape (Orobanche Cumana Wallr.) Resistance Breeding Utilizing Wild Helianthus Species. Helia, 2014, 37, .	0.4	8

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127	Sunflower Oil Minor Constituents. , 2015, , 297-329.		8
128	Phytosterols in the seeds of wild sunflower species. Helia, 2011, 34, 31-38.	0.4	8
129	Registration of Dw 89 and Dw 271 Dwarf Parental Lines of Sunflower. Crop Science, 2003, 43, 1140-1141.	1.8	7
130	Selection for contrasting tocopherol content and profile in <scp>E</scp>thiopian mustard. Plant Breeding, 2013, 132, 694-700.	1.9	7
131	Inheritance of Increased Oleic Acid Concentration in High-Erucic Acid Ethiopian Mustard. Crop Science, 2003, 43, 106.	1.8	7
132	Advanced olive selections with enhanced quality for minor constituents. Grasas Y Aceites, 2015, 66, e100.	0.9	7
133	Analysis of dry matter and protein contents in fresh yam bean tubers by nearâ€infrared reflectance spectroscopy. Communications in Soil Science and Plant Analysis, 1999, 30, 1797-1805.	1.4	6
134	Inheritance of reduced plant height in the sunflower line Dw 89. Plant Breeding, 2003, 122, 441-443.	1.9	6
135	Transgressive segregation for reduced glucosinolate content in Brassica carinata A. Braun. Plant Breeding, 2006, 125, 400-402.	1.9	6
136	Environmental Stability of Contrasting Seed Tocopherol Profiles in Sunflower. Crop Science, 2012, 52, 2446-2452.	1.8	6
137	Quantitative Trait Loci for Seed Tocopherol Content in Sunflower. Crop Science, 2012, 52, 786-794.	1.8	6
138	Tocochromanol content and composition in Jatropha curcas seeds. Industrial Crops and Products, 2012, 36, 304-307.	5.2	6
139	Dynamics of phytosterols content and concentration in sunflower grains. Crop and Pasture Science, 2018, 69, 724.	1.5	6
140	Characterization of press and solvent extraction oils from new sunflower seeds with modified phytosterol compositions. Journal of the Science of Food and Agriculture, 2021, 101, 101-109.	3.5	6
141	Use of Near Infrared Reflectance Spectroscopy to Screen Ethiopian Mustard for Seed Weight. Agronomy Journal, 1997, 89, 151-153.	1.8	5
142	Evaluation of wild sunflower species for tocopherol content and composition. Helia, 2004, 27, 107-112.	0.4	5
143	Inheritance of very high glucosinolate content in Ethiopian mustard seeds. Plant Breeding, 2009, 128, 278-281.	1.9	5
144	Expression of modified tocopherol content and profile in sunflower tissues. Journal of the Science of Food and Agriculture, 2012, 92, 351-357.	3.5	5

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145	Changes in plastochromanol-8 and tocopherols during germination in Ethiopian mustard lines with contrasting tocopherol levels. Seed Science Research, 2014, 24, 101-112.	1.7	5
146	Variability of seed quality traits in a collection of Spanish landraces of confectionery sunflower. Crop and Pasture Science, 2014, 65, 242.	1.5	5
147	Tocopherols in Sunflower Seedlings under Light and Dark Conditions. Scientific World Journal, The, 2015, 2015, 1-11.	2.1	5
148	Oil Phytosterol Concentration in Sunflower Presents a Dilution Response with Oil Weight per Grain. JAOCS, Journal of the American Oil Chemists' Society, 2019, 96, 1115-1123.	1.9	5
149	Natural variability in phytosterols in almond (Prunus amygdalus) trees growing under a southern Mediterranean climate. Journal of Horticultural Science and Biotechnology, 2015, 90, 543-549.	1.9	4
150	Genetic Diversity of a Germplasm Collection of Confectionery Sunflower Landraces from Spain. Crop Science, 2018, 58, 1972-1981.	1.8	4
151	Other Brassicas. , 2009, , 127-153.		4
152	First Report of Sunflower Broomrape (Orobanche cumana) in Portugal. Plant Disease, 2019, 103, 2143-2143.	1.4	4
153	Inheritance of plant height in the dwarf mutant 'Enana' of safflower. Plant Breeding, 2000, 119, 525-527.	1.9	3
154	Performance and seed quality of Moroccan sunflower varieties and Spanish landraces used for confectionery and snack food. Helia, 2011, 34, 75-82.	0.4	3
155	Identification of High Oleic Castor Seeds by Near Infrared Reflectance Spectroscopy. JAOCS, Journal of the American Oil Chemists' Society, 2012, 89, 431-435.	1.9	3
156	Accumulation dynamics of seed tocopherols in sunflower lines with modified tocopherol levels. Acta Physiologiae Plantarum, 2013, 35, 3157-3165.	2.1	3
157	Phylogenetic Relationships and Genetic Diversity among Orobanche cumana Wallr. and O. cernua L. (Orobanchaceae) Populations in the Iberian Peninsula. Helia, 2014, 37, .	0.4	3
158	Comparative Study of Fatty Acid Composition, Total Phenolics, and Antioxidant Capacity in Rapeseed Mutant Lines. JAOCS, Journal of the American Oil Chemists' Society, 2020, 97, 397-407.	1.9	3
159	Attempts of Physical Refining of Sterol-Rich Sunflower Press Oil to Obtain Minimally Processed Edible Oil. Foods, 2021, 10, 1901.	4.3	3
160	Within-plant variation for seed weight and seed quality traits in white lupin (Lupinus albus L.). Australian Journal of Agricultural Research, 1998, 49, 59.	1.5	3
161	Registration of One Low, Two Medium, and One High Erucic Acid Ethiopian Mustard Genetic Stocks. Crop Science, 2001, 41, 281-282.	1.8	2
162	Inheritance of Mid and High Oleic Acid Content in Ethiopian Mustard. Crop Science, 2006, 46, 2361-2367.	1.8	2

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163	Inheritance of increased seed tocopherol content in sunflower line IASTâ€413. Plant Breeding, 2011, 130, 540-543.	1.9	2
164	Castor. , 2012, , 237-265.		2
165	FRUIT AND OIL CHARACTERISTICS OF ADVANCED SELECTIONS FROM AN OLIVE BREEDING PROGRAM. Acta Horticulturae, 2013, , 415-419.	0.2	2
166	Short communication. Estimation of cross-fertilization rate in saff lower (Carthamus tinctorius L.). Spanish Journal of Agricultural Research, 2012, 10, 155.	0.6	2
167	An efficient method for screening seed colour in Ethiopian mustard using visible reflectance spectroscopy and multivariate analysis. Euphytica, 1996, 90, 359-363.	1.2	1
168	Registration of the Dwarf Safflower Genetic Stock Enana. Crop Science, 2000, 40, 1207-1208.	1.8	1
169	Inheritance of Low Linolenic Acid Content in Zeroâ€Erucic Acid Ethiopian Mustard. Crop Science, 2009, 49, 549-553.	1.8	1
170	Variability of Phytosterols in Jatropha curcas Germplasm. JAOCS, Journal of the American Oil Chemists' Society, 2013, 90, 1713-1718.	1.9	1
171	Genetic Studies in Sunflower Broomrape. Helia, 2014, 37, .	0.4	1
172	Sunflower Production in the European Union**This chapter does not consider sunflower producing countries such as Bulgaria, Croatia, Greece, and Romania, which are included in the chapter on Eastern European zone, except when the global EU figures are calculated. Part of the information provided in this chapter was obtained from technical personnel of several seed and oil companies, who preferred to remain anonymous.. , 2015, , 555-573.		1
173	Genetic Analysis of ReducedÎ³-Tocopherol Content in Ethiopian Mustard Seeds. Scientific World Journal, The, 2016, 2016, 1-7.	2.1	1
174	Tocopherol and fatty acid composition of twenty-five species of Onagraceae Juss.. Botanical Journal of the Linnean Society, 1999, 129, 359-366.	1.6	1
175	Inheritance of trichome density in Ethiopian mustard leaves. Euphytica, 2001, 117, 241-244.	1.2	0
176	Inheritance of deficient tocopherol accumulation in sunflower seeds. Journal of Genetics, 2011, 90, 489-491.	0.7	0
177	Characterization of a Î³-tocopherol methyltransferase mutant gene in wild (Carthamus oxyacanthus M.) Tj ETQq1 1 0.784314 rgBT /Ov	1.2	0