

# Robert A Moreau

## List of Publications by Citations

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177  
papers

5,857  
citations

42  
h-index

69  
g-index

181  
ext. papers

6,457  
ext. citations

4  
avg, IF

5.59  
L-index

#	Paper	IF	Citations
177	Phytosterols, phytostanols, and their conjugates in foods: structural diversity, quantitative analysis, and health-promoting uses. <i>Progress in Lipid Research</i> , <b>2002</b> , 41, 457-500	14.3	763
176	Fermented beverages of pre- and proto-historic China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 17593-8	11.5	536
175	Phytosterols and their derivatives: Structural diversity, distribution, metabolism, analysis, and health-promoting uses. <i>Progress in Lipid Research</i> , <b>2018</b> , 70, 35-61	14.3	176
174	Extraction and Quantitative Analysis of Oil from Commercial Corn Fiber. <i>Journal of Agricultural and Food Chemistry</i> , <b>1996</b> , 44, 2149-2154	5.7	169
173	Antioxidant activity of phytosterols, oryzanol, and other phytosterol conjugates. <i>JAOCs, Journal of the American Oil Chemists Society</i> , <b>2002</b> , 79, 1201-1206	1.8	140
172	Pressurized liquid extraction of polar and nonpolar lipids in corn and oats with hexane, methylene chloride, isopropanol, and ethanol. <i>JAOCs, Journal of the American Oil Chemists Society</i> , <b>2003</b> , 80, 1063-1067	1.8	110
171	Anti-inflammatory activity of hydroxycinnamic acid derivatives isolated from corn bran in lipopolysaccharide-stimulated Raw 264.7 macrophages. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 1309-1647	4.7	87
170	Analysis and Comparison of Bio-Oil Produced by Fast Pyrolysis from Three Barley Biomass/Byproduct Streams. <i>Energy &amp; Fuels</i> , <b>2010</b> , 24, 699-706	4.1	82
169	The analysis of lipids via HPLC with a charged aerosol detector. <i>Lipids</i> , <b>2006</b> , 41, 727-34	1.6	80
168	Antioxidant and antimelanogenic activities of polyamine conjugates from corn bran and related hydroxycinnamic acids. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 3920-5	5.7	80
167	Phenolic acids, lipids, and proteins associated with purified corn fiber arabinoxylans. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 943-7	5.7	75
166	Influence of growth temperature on the amounts of tocopherols, tocotrienols, and gamma-oryzanol in brown rice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 7559-65	5.7	67
165	A comparison of the antioxidant properties of steryl ferulates with tocopherol at high temperatures. <i>Food Chemistry</i> , <b>2007</b> , 101, 947-954	8.5	64
164	A comparison of commercial enzymes for the aqueous enzymatic extraction of corn oil from corn germ. <i>JAOCs, Journal of the American Oil Chemists Society</i> , <b>2004</b> , 81, 1071-1075	1.8	64
163	Recent studies of the enzymic synthesis of ricinoleic Acid by developing castor beans. <i>Plant Physiology</i> , <b>1981</b> , 67, 672-6	6.6	63
162	Altered acyl chain length specificity of <i>Rhizopus delemar</i> lipase through mutagenesis and molecular modeling. <i>Lipids</i> , <b>1997</b> , 32, 123-30	1.6	61
161	The Identification and Quantification of Steryl Glucosides in Precipitates from Commercial Biodiesel. <i>JAOCs, Journal of the American Oil Chemists Society</i> , <b>2008</b> , 85, 761-770	1.8	60

160	The identification of mono-, di-, tri-, and tetragalactosyl-diacylglycerols and their natural estolides in oat kernels. <i>Lipids</i> , <b>2008</b> , 43, 533-48	1.6	59
159	Recovery of Fiber in the Corn Dry-Grind Ethanol Process: A Feedstock for Valuable Coproducts. <i>Cereal Chemistry</i> , <b>1999</b> , 76, 868-872	2.4	58
158	Analysis of major classes of plant lipids by high-performance liquid chromatography with flame ionization detection. <i>Phytochemistry</i> , <b>1990</b> , 29, 2461-2466	4	57
157	Influence of oxidized low-density lipoproteins (LDL) on the viability of osteoblastic cells. <i>Free Radical Biology and Medicine</i> , <b>2008</b> , 44, 506-17	7.8	54
156	Lipases in the storage tissues of peanut and other oil seeds during germination. <i>Planta</i> , <b>1978</b> , 141, 111-64.7	4.7	54
155	Grain composition of Virginia winter barley and implications for use in feed, food, and biofuels production. <i>Journal of Cereal Science</i> , <b>2010</b> , 51, 41-49	3.8	53
154	Separation of Fiber from Distillers Dried Grains with Solubles (DDGS) Using Sieving and Elutriation. <i>Cereal Chemistry</i> , <b>2005</b> , 82, 528-533	2.4	53
153	Scavenger receptor of class B expressed by osteoblastic cells are implicated in the uptake of cholesteryl ester and estradiol from LDL and HDL3. <i>Journal of Bone and Mineral Research</i> , <b>2008</b> , 23, 326-37	6.3	51
152	A Comparison of the Levels of Lutein and Zeaxanthin in Corn Germ Oil, Corn Fiber Oil and Corn Kernel Oil. <i>JAOCs, Journal of the American Oil Chemists Society</i> , <b>2007</b> , 84, 1039-1044	1.8	51
151	Composition and economic comparison of germ fractions from modified corn processing technologies. <i>JAOCs, Journal of the American Oil Chemists Society</i> , <b>2005</b> , 82, 603-608	1.8	51
150	Comparison of Yield and Composition of Oil Extracted from Corn Fiber and Corn Bran. <i>Cereal Chemistry</i> , <b>1999</b> , 76, 449-451	2.4	51
149	Production of cutinase by <i>Thermomonospora fusca</i> ATCC 27730. <i>Journal of Applied Microbiology</i> , <b>1999</b> , 86, 561-568	4.7	50
148	Identification and quantification of glycerolipids in cotton fibers: reconciliation with metabolic pathway predictions from DNA databases. <i>Lipids</i> , <b>2005</b> , 40, 773-85	1.6	49
147	Diferuloylputrescine and p-coumaroyl-feruloylputrescine, abundant polyamine conjugates in lipid extracts of maize kernels. <i>Lipids</i> , <b>2001</b> , 36, 839-44	1.6	49
146	Effect of heat pretreatment on the yield and composition of oil extracted from corn fiber. <i>Journal of Agricultural and Food Chemistry</i> , <b>1999</b> , 47, 2869-71	5.7	49
145	Bacteriohopanetetrol: abundant lipid in frankia cells and in nitrogen-fixing nodule tissue. <i>Plant Physiology</i> , <b>1991</b> , 95, 111-5	6.6	49
144	Removal of surface lipids improves the functionality of commercial zein in viscoelastic zein-starch dough for gluten-free breadmaking. <i>Journal of Cereal Science</i> , <b>2010</b> , 52, 417-425	3.8	47
143	A funerary feast fit for King Midas. <i>Nature</i> , <b>1999</b> , 402, 863-864	50.4	47

142	Spherosomes of Castor Bean Endosperm: MEMBRANE COMPONENTS, FORMATION, AND DEGRADATION. <i>Plant Physiology</i> , <b>1980</b> , 65, 1176-80	6.6	47
141	Betaine accumulation and betaine-aldehyde dehydrogenase in spinach leaves. <i>Plant Physiology</i> , <b>1981</b> , 67, 1105-8	6.6	47
140	Pearling barley and rye to produce phytosterol-rich fractions. <i>Lipids</i> , <b>2004</b> , 39, 783-7	1.6	46
139	The composition of corn oil obtained by the alcohol extraction of ground corn. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2005</b> , 82, 809-815	1.8	45
138	Type II domains of BSP-A1/-A2 proteins: binding properties, lipid efflux, and sperm capacitation potential. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 246, 148-54	3.4	44
137	Steryl esters in the elaioplasts of the tapetum in developing Brassica anthers and their recovery on the pollen surface. <i>Lipids</i> , <b>1999</b> , 34, 517-23	1.6	44
136	Cutinase production by <i>Streptomyces</i> spp.. <i>Current Microbiology</i> , <b>1992</b> , 25, 165-171	2.4	43
135	The in vitro hydrolysis of phytosterol conjugates in food matrices by mammalian digestive enzymes. <i>Lipids</i> , <b>2004</b> , 39, 769-76	1.6	41
134	Yield and Phytosterol Composition of Oil Extracted from Grain Sorghum and Its Wet-Milled Fractions. <i>Cereal Chemistry</i> , <b>2003</b> , 80, 126-129	2.4	40
133	Glycosidic bond cleavage is not required for phytosteryl glycoside-induced reduction of cholesterol absorption in mice. <i>Lipids</i> , <b>2011</b> , 46, 701-8	1.6	37
132	Involvement of glyoxysomal lipase in the hydrolysis of storage triacylglycerols in the cotyledons of soybean seedlings. <i>Plant Physiology</i> , <b>1982</b> , 70, 108-12	6.6	37
131	Gluconeogenesis from storage wax in the cotyledons of jojoba seedlings. <i>Plant Physiology</i> , <b>1977</b> , 60, 329-33	6.6	37
130	Solubilization and Characterization of an Acyl-Coenzyme A : O-LYSOPHOSPHOLIPID ACYLTRANSFERASE FROM THE MICROSOMES OF DEVELOPING SAFFLOWER SEEDS. <i>Plant Physiology</i> , <b>1982</b> , 69, 1293-7	6.6	36
129	Comparison of oil and phytosterol levels in germplasm accessions of corn, teosinte, and Job's tears. <i>Journal of Agricultural and Food Chemistry</i> , <b>2001</b> , 49, 3793-5	5.7	35
128	Composition of Functional Lipids in Hulled and Hulless Barley in Fractions Obtained by Scarification and in Barley Oil. <i>Cereal Chemistry</i> , <b>2007</b> , 84, 1-5	2.4	34
127	A Process for the Aqueous Enzymatic Extraction of Corn Oil from Dry Milled Corn Germ and Enzymatic Wet Milled Corn Germ (E-Germ). <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2009</b> , 86, 469-474	1.8	33
126	Light quantity and photosystem function mediate host susceptibility to Turnip mosaic virus via a salicylic acid-independent mechanism. <i>Molecular Plant-Microbe Interactions</i> , <b>2011</b> , 24, 315-27	3.6	32
125	Changes in Lipid Composition During Dry Grind Ethanol Processing of Corn. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2011</b> , 88, 435-442	1.8	32

124	Progress and perspectives in plant sterol and plant stanol research. <i>Nutrition Reviews</i> , <b>2018</b> , 76, 725-746	6.4	30
123	Corn fiber oil and sitostanol decrease cholesterol absorption independently of intestinal sterol transporters in hamsters. <i>Journal of Nutritional Biochemistry</i> , <b>2008</b> , 19, 229-36	6.3	30
122	Oxidation of fatty alcohol in the cotyledons of jojoba seedlings. <i>Archives of Biochemistry and Biophysics</i> , <b>1979</b> , 194, 422-30	4.1	30
121	Inhibition of aflatoxin biosynthesis in <i>Aspergillus flavus</i> by diferuloylputrescine and p-coumaroylferuloylputrescine. <i>Journal of Agricultural and Food Chemistry</i> , <b>2004</b> , 52, 6660-3	5.7	29
120	Improved method for the synthesis of trans-feruloyl-beta-sitostanol. <i>Journal of Agricultural and Food Chemistry</i> , <b>2001</b> , 49, 4961-4	5.7	29
119	Method for the Production and Characterization of Tomato Cutin Oligomers. <i>Journal of Agricultural and Food Chemistry</i> , <b>1995</b> , 43, 2134-2137	5.7	29
118	The Composition of Crude Corn Oil Recovered after Fermentation via Centrifugation from a Commercial Dry Grind Ethanol Process. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2010</b> , 87, 895-902	1.8	28
117	The effect of ethanol and oxygen on the growth of <i>Zymomonas mobilis</i> and the levels of hopanoids and other membrane lipids. <i>Current Microbiology</i> , <b>1997</b> , 35, 124-8	2.4	28
116	Reinvestigation of the effect of heat pretreatment of corn fiber and corn germ on the levels of extractable tocopherols and tocotrienols. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 8093-102	5.7	28
115	A new corn fiber gum polysaccharide isolation process that preserves functional components. <i>Carbohydrate Polymers</i> , <b>2012</b> , 87, 1169-1175	10.3	27
114	Properties of a delta 5-fatty acyl-CoA desaturase in the cotyledons of developing <i>Limnanthes alba</i> . <i>Archives of Biochemistry and Biophysics</i> , <b>1981</b> , 209, 376-84	4.1	27
113	Analysis of sorghum wax and carnauba wax by reversed phase liquid chromatography mass spectrometry. <i>Industrial Crops and Products</i> , <b>2017</b> , 98, 116-129	5.9	26
112	Angiotensin I converting enzyme-inhibitory peptides from commercial wet- and dry-milled corn germ. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 2620-3	5.7	26
111	Tocopherols and Tocotrienols in Barley Oil Prepared from Germ and Other Fractions from Scarification and Sieving of Hullless Barley. <i>Cereal Chemistry</i> , <b>2007</b> , 84, 587-592	2.4	25
110	Fermentation of Quick Fiber produced from a modified corn-milling process into ethanol and recovery of corn fiber oil. <i>Applied Biochemistry and Biotechnology</i> , <b>2004</b> , 115, 0937-0950	3.2	25
109	Separation and identification of lime cutin monomers by high performance liquid chromatography and mass spectrometry. <i>Phytochemistry</i> , <b>1995</b> , 38, 1361-1369	4	25
108	Development and properties of a wax ester hydrolase in the cotyledons of jojoba seedlings. <i>Plant Physiology</i> , <b>1978</b> , 61, 339-41	6.6	25
107	Protein distribution in commercial wet- and dry-milled corn germ. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 4868-72	5.7	24

106	Economics of Fiber Separation from Distillers Dried Grains with Solubles (DDGS) Using Sieving and Elutriation. <i>Cereal Chemistry</i> , <b>2006</b> , 83, 324-330	2.4	24
105	Effects of potential signal transduction antagonists on phytoalexin accumulation in tobacco. <i>Phytochemistry</i> , <b>1994</b> , 36, 857-863	4	24
104	Xylanase treatment of plant cells induces glycosylation and fatty acylation of phytosterols. <i>Physiologia Plantarum</i> , <b>1994</b> , 91, 575-580	4.6	24
103	Separation, identification and quantification of monomers from cutin polymers by high performance liquid chromatography and evaporative light scattering detection. <i>Phytochemical Analysis</i> , <b>1992</b> , 3, 139-144	3.4	24
102	Fatty Acid, Phytosterol, and Polyamine Conjugate Profiles of Edible Oils Extracted from Corn Germ, Corn Fiber, and Corn Kernels. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2009</b> , 86, 1209-1214	1.8	23
101	An evaluation of NBD-phospholipids as substrates for the measurement of phospholipase and lipase activities. <i>Lipids</i> , <b>1989</b> , 24, 691-699	1.6	22
100	Regulation of phospholipase activity in potato leaves by calmodulin and protein phosphorylation-dephosphorylation. <i>Plant Science</i> , <b>1986</b> , 47, 1-9	5.3	22
99	Lipid analysis via HPLC with a charged aerosol detector. <i>Lipid Technology</i> , <b>2009</b> , 21, 191-194		21
98	Enzymatic hydrolysis of steryl ferulates and steryl glycosides. <i>European Food Research and Technology</i> , <b>2008</b> , 227, 727-733	3.4	21
97	Studies of biosynthesis of waxes by developing jojoba seed: III. Biosynthesis of wax esters from Acyl-CoA and long chain alcohols. <i>Lipids</i> , <b>1981</b> , 16, 897-902	1.6	21
96	A comparison between corn and grain sorghum fermentation rates, Distillers Dried Grains with Solubles composition, and lipid profiles. <i>Bioresource Technology</i> , <b>2017</b> , 226, 118-124	11	20
95	Extraction and Demulsification of Oil From Wheat Germ, Barley Germ, and Rice Bran Using an Aqueous Enzymatic Method. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2014</b> , 91, 1261-1268	1.8	20
94	Components responsible for the emulsification properties of corn fibre gum. <i>Food Hydrocolloids</i> , <b>2014</b> , 41, 164-168	10.6	20
93	Silencing of the MT1-MMP/G6PT axis suppresses calcium mobilization by sphingosine-1-phosphate in glioblastoma cells. <i>FEBS Letters</i> , <b>2008</b> , 582, 799-804	3.8	20
92	Separation and quantitation of hydroxy and epoxy fatty acid by high-performance liquid chromatography with an evaporative light-scattering detector. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>1992</b> , 69, 301-304	1.8	20
91	Lipid changes in tobacco cell suspensions following treatment with cellulase elicitor. <i>Physiologia Plantarum</i> , <b>1993</b> , 87, 7-13	4.6	20
90	Polar Lipids from Oat Kernels. <i>Cereal Chemistry</i> , <b>2010</b> , 87, 467-474	2.4	19
89	The influence of moisture content and cooking on the screw pressing and prepressing of corn oil from corn germ. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2005</b> , 82, 851-854	1.8	19

88	Ethylene in a compacted field soil and its effect on growth, tuber quality, and yield of potatoes. <i>American Potato Journal</i> , <b>1979</b> , 56, 199-210		19
87	Accelerated solvent extraction of alkylresorcinols in food products containing uncooked and cooked wheat. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 4799-802	5.7	18
86	Modification of aqueous enzymatic oil extraction to increase the yield of corn oil from dry fractionated corn germ. <i>Industrial Crops and Products</i> , <b>2011</b> , 34, 845-850	5.9	18
85	HDL3 reduces the association and modulates the metabolism of oxidized LDL by osteoblastic cells: a protection against cell death. <i>Journal of Cellular Biochemistry</i> , <b>2008</b> , 105, 1374-85	4.7	18
84	Effect of Corn Milling Practices on Aleurone Layer Cells and Their Unique Phytosterols. <i>Cereal Chemistry</i> , <b>2001</b> , 78, 436-441	2.4	18
83	Effect of Alternative Milling Techniques on the Yield and Composition of Corn Germ Oil and Corn Fiber Oil. <i>Cereal Chemistry</i> , <b>2001</b> , 78, 46-49	2.4	18
82	Increased N-acylphosphatidylethanolamine biosynthesis in elicitor-treated tobacco cells. <i>Physiologia Plantarum</i> , <b>1995</b> , 95, 120-126	4.6	18
81	Autolysis of membrane lipids in potato leaf homogenates: Effects of calmodulin and calmodulin antagonists. <i>Plant Science</i> , <b>1985</b> , 40, 95-98	5.3	18
80	Composition of Plant Sterols and Stanols in Supplemented Food Products. <i>Journal of AOAC INTERNATIONAL</i> , <b>2015</b> , 98, 685-690	1.7	17
79	Identification of ceramide-phosphorylethanolamine in oomycete plant pathogens: <i>Pythium ultimum</i> , <i>Phytophthora infestans</i> , and <i>Phytophthora capsici</i> . <i>Lipids</i> , <b>1998</b> , 33, 307-17	1.6	17
78	Pretreatment of Wet-Milled Corn Fiber to Improve Recovery of Corn Fiber Oil and Phytosterols. <i>Cereal Chemistry</i> , <b>2003</b> , 80, 118-122	2.4	17
77	Cloning, characterization, and heterologous expression of a novel glucosyltransferase gene from sophorolipid-producing <i>Candida bombicola</i> . <i>Gene</i> , <b>2014</b> , 540, 46-53	3.8	16
76	Scavenger receptor class B, type I (Scarb1) deficiency promotes osteoblastogenesis but stunts terminal osteocyte differentiation. <i>Physiological Reports</i> , <b>2014</b> , 2, e12117	2.6	16
75	Additive effects of acyl-binding site mutations on the fatty acid selectivity of <i>Rhizopus delemar</i> lipase. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>1997</b> , 74, 1401-1407	1.8	16
74	Chlorophyll-derived porphyrins co-chromatograph with phospholipids in high performance liquid chromatographic separations of plant lipid classes. <i>Phytochemical Analysis</i> , <b>1998</b> , 9, 1-4	3.4	15
73	Evaluation of a commercial enzyme-based serum cholesterol test kit for analysis of phytosterol and phytostanol products. <i>Journal of Agricultural and Food Chemistry</i> , <b>2003</b> , 51, 6663-7	5.7	15
72	Enzymatic hydrolysis, grease permeation, and water barrier properties of zein isolate coated paper. <i>Journal of Agricultural and Food Chemistry</i> , <b>2000</b> , 48, 890-4	5.7	15
71	A Comparison of the Levels of Oil, Carotenoids, and Lipolytic Enzyme Activities in Modern Lines and Hybrids of Grain Sorghum. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2016</b> , 93, 569-573	1.8	15

70	Hybrid Variability and Effect of Growth Location on Corn Fiber Yields and Corn Fiber Oil Composition. <i>Cereal Chemistry</i> , <b>2000</b> , 77, 692-695	2.4	14
69	Autolysis of phospholipids in homogenates of various plant tissues. <i>Phytochemistry</i> , <b>1987</b> , 26, 1899-1902	4	14
68	Evaluation of the quantity and composition of sugars and lipid in the juice and bagasse of lipid producing sugarcane. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2017</b> , 10, 148-155	4.2	13
67	Lipid changes in tobacco cell suspensions following treatment with cellulase elicitor. <i>Physiologia Plantarum</i> , <b>1993</b> , 87, 7-13	4.6	13
66	Separation of fiber from distillers dried grains (DDG) using sieving and elutriation. <i>Biomass and Bioenergy</i> , <b>2008</b> , 32, 468-472	5.3	12
65	Corn Oil <b>2011</b> , 273-289		11
64	The properties of reducing agents released by treatment of <i>Solanum tuberosum</i> with elicitors from <i>Phytophthora infestans</i> . <i>Physiological and Molecular Plant Pathology</i> , <b>1989</b> , 35, 1-10	2.6	11
63	Induction of 6a-hydroxymaackiain 3-O-methyltransferase and phenylalanine ammonia-lyase mRNA translational activities during the biosynthesis of pisatin. <i>Archives of Biochemistry and Biophysics</i> , <b>1991</b> , 290, 468-73	4.1	11
62	[93] Enzymes of wax ester catabolism in jojoba. <i>Methods in Enzymology</i> , <b>1981</b> , 71, 804-813	1.7	11
61	Modulation of lipoxygenase activity by bacterial hopanoids. <i>Journal of Natural Products</i> , <b>1997</b> , 60, 397-8	4.9	10
60	Lipids from the seeds of seven Fijian plant species. <i>Food Chemistry</i> , <b>1994</b> , 49, 11-13	8.5	10
59	Photeolytic activation of a lipolytic enzyme activity in potato leaves. <i>Plant Science</i> , <b>1988</b> , 55, 205-211	5.3	10
58	Extraction of Surface Wax from Whole Grain Sorghum. <i>JAOCS, Journal of the American Oil Chemistsm Society</i> , <b>2018</b> , 95, 845-852	1.8	9
57	Effect of endogenous triacylglycerol hydrolysates on the mechanical properties of Zein films from ground corn. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 3306-8	5.7	9
56	Supercritical fluid chromatography-tandem mass spectrometry for the analysis of lipid A. <i>Analytical Methods</i> , <b>2013</b> , 5, 6864	3.2	8
55	Convenient and Environmentally Friendly Production of Isostearic Acid with Protonic Forms of Ammonium Cationic Zeolites. <i>European Journal of Lipid Science and Technology</i> , <b>2017</b> , 119, 1700262	3	8
54	Tree Nut Oils <b>2009</b> , 127-149		8
53	Effect of Various Acids and Sulfites in Steep Solution on Yields and Composition of Corn Fiber and Corn Fiber Oil. <i>Cereal Chemistry</i> , <b>2000</b> , 77, 665-668	2.4	8

52	Membrane-degrading enzymes in the leaves of <i>Solanum tuberosum</i> . <i>Phytochemistry</i> , <b>1985</b> , 24, 411-414	4	8
51	Catalytic synthesis and characterization of phenol-branched-chain fatty acid isomers*. <i>European Journal of Lipid Science and Technology</i> , <b>2014</b> , 116, 344-351	3	7
50	A rapid quantitative method for the analysis of sesquiterpene phytoalexins by high performance liquid chromatography. <i>Phytochemical Analysis</i> , <b>1992</b> , 3, 125-128	3.4	7
49	Calcium-binding proteins in fungi and higher plants. <i>Journal of Dairy Science</i> , <b>1987</b> , 70, 1504-12	4	7
48	Bio-based phenolic-branched-chain fatty acid isomers synthesized from vegetable oils and natural monophenols using modified H <sup>+</sup> -Ferrierite zeolite. <i>Industrial Crops and Products</i> , <b>2018</b> , 114, 115-122	5.9	6
47	Production of Fatty-Acid Methyl Esters Via the In Situ Transesterification of Grain Sorghum Bran and Sorghum Distiller's Dried Grains and Solubles. <i>JAOCs, Journal of the American Oil Chemistsm Society</i> , <b>2018</b> , 95, 743-752	1.8	6
46	Aqueous Enzymatic Oil Extraction: A "Green" Bioprocess to Obtain Oil from Corn Germ and Other Oil-Rich Plant Materials. <i>ACS Symposium Series</i> , <b>2007</b> , 101-120	0.4	6
45	Enrichment of Oil in Corn Fiber by Size Reduction and Floatation of Aleurone Cells. <i>Cereal Chemistry</i> , <b>2003</b> , 80, 123-125	2.4	6
44	Model substrates for cutinases. <i>Chemistry and Physics of Lipids</i> , <b>1993</b> , 66, 215-218	3.7	6
43	Production of extracellular enzymes by germinating cysts of <i>Phytophthora infestans</i> . <i>Canadian Journal of Botany</i> , <b>1985</b> , 63, 1811-1816		6
42	Phenolic fatty acid-based epoxy curing agent for antimicrobial epoxy polymers. <i>Progress in Organic Coatings</i> , <b>2020</b> , 141, 105536	4.8	5
41	Comparison of bench-scale decortication devices to fractionate bran from sorghum. <i>Cereal Chemistry</i> , <b>2018</b> , 95, 720-733	2.4	5
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39	Increasing the value of hominy feed as a coproduct by fermentation. <i>Applied Biochemistry and Biotechnology</i> , <b>2008</b> , 149, 145-53	3.2	5
38	Phytosterol Distribution in Fractions Obtained from Processing of Distillers Dried Grains with Solubles Using Sieving and Elutriation. <i>Cereal Chemistry</i> , <b>2007</b> , 84, 626-630	2.4	5
37	Chemical and enzymic investigation of the leaf cuticle of pear genotypes differing in resistance to pear psylla. <i>Journal of Agricultural and Food Chemistry</i> , <b>1993</b> , 41, 2437-2441	5.7	5
36	The Involvement of Membrane-Degrading Enzymes During Infection of Potato Leaves by <i>Phytophthora infestans</i> . <i>ACS Symposium Series</i> , <b>1987</b> , 343-354	0.4	5
35	Potato phytoalexin elicitors in <i>Phytophthora infestans</i> spore germination fluids. <i>Plant Science</i> , <b>1985</b> , 41, 205-209	5.3	5

34	Foam Separation of Oil from Enzymatically Treated Wet-Milled Corn Germ Dispersions. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2009</b> , 86, 927-932	1.8	4
33	Influence of <i>Stenocarpella maydis</i> Infected Corn on the Composition of Corn Kernel and Its Conversion into Ethanol. <i>Cereal Chemistry</i> , <b>2012</b> , 89, 15-23	2.4	4
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31	Corn Oil		4
30	Synthesis, chemical characterization, and economical feasibility of poly-phenolic-branched-chain fatty acids. <i>European Journal of Lipid Science and Technology</i> , <b>2017</b> , 119, 1600380	3	3
29	Comparison of Various Phosphine Additives in Zeolite Based Catalytic Isomerization of Oleic Acid. <i>European Journal of Lipid Science and Technology</i> , <b>2018</b> , 120, 1800070	3	3
28	Analysis Methods for Tocopherols and Tocotrienols <b>2012</b> , 353-386		3
27	Compositional equivalence of barleys differing only in low- and normal-phytate levels. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 6493-8	5.7	3
26	Corn Kernel Oil and Corn Fiber Oil <b>2009</b> , 409-431		3
25	Separation of buoyant particles from an aqueous dispersion of corn germ particles using a bubble column. <i>Chemical Engineering Science</i> , <b>2008</b> , 63, 4555-4560	4.4	3
24	Encapsulation of Essential Oils in Zein Nanospherical Particles. <i>ACS Symposium Series</i> , <b>2008</b> , 175-192	0.4	3
23	Effect of Harvest Moisture Content and Ambient Air Drying on Maize Fiber Oil Yield and its Phytosterol Composition. <i>Starch/Staerke</i> , <b>2001</b> , 53, 635-638	2.3	3
22	Xylanase treatment of plant cells induces glycosylation and fatty acylation of phytosterols. <i>Physiologia Plantarum</i> , <b>1994</b> , 91, 575-580	4.6	3
21	Analysis of wax esters in seven commercial waxes using C30 reverse phase HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2018</b> , 41, 604-611	1.3	3
20	Analysis of Alkylresorcinols in Wheat Germ Oil and Barley Germ Oil via HPLC and Fluorescence Detection: Cochromatography with Tocols. <i>Cereal Chemistry</i> , <b>2016</b> , 93, 293-298	2.4	2
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18	Aqueous Extraction of Corn Oil After Fermentation in the Dry Grind Ethanol Process <b>2014</b> , 53-72		2
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