

Randall J Weselake

List of Publications by Year in descending order

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131
papers

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81839

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docs citations

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times ranked

4383
citing authors

#	ARTICLE	IF	CITATIONS
1	Acyl-CoA:diacylglycerol acyltransferase: Properties, physiological roles, metabolic engineering and intentional control. <i>Progress in Lipid Research</i> , 2022, 88, 101181.	5.3	27
2	<i>Physaria fendleri</i> and <i>Ricinus communis</i> lecithin:cholesterol acyltransferase-like phospholipases selectively cleave hydroxy acyl chains from phosphatidylcholine. <i>Plant Journal</i> , 2021, 105, 182-196.	2.8	4
3	The effect of AINTEGUMENTA-LIKE 7 over-expression on seed fatty acid biosynthesis, storage oil accumulation and the transcriptome in <i>Arabidopsis thaliana</i> . <i>Plant Cell Reports</i> , 2021, 40, 1647-1663.	2.8	4
4	Punicic acid production in <i>Brassica napus</i> . <i>Metabolic Engineering</i> , 2020, 62, 20-29.	3.6	14
5	Functional Characterization of Lysophosphatidylcholine: Acyl-CoA Acyltransferase Genes From Sunflower (<i>Helianthus annuus</i> L.). <i>Frontiers in Plant Science</i> , 2020, 11, 403.	1.7	9
6	Downregulation of key genes involved in carbon metabolism in <i>Medicago truncatula</i> results in increased lipid accumulation in vegetative tissue. <i>Crop Science</i> , 2020, 60, 1798-1808.	0.8	3
7	Enhancement of total lipid production in vegetative tissues of alfalfa and sainfoin using chemical mutagenesis. <i>Crop Science</i> , 2020, 60, 2990-3003.	0.8	7
8	Seed-specific down-regulation of <i>Arabidopsis</i> CELLULOSE SYNTHASE 1 or 9 reduces seed cellulose content and differentially affects carbon partitioning. <i>Plant Cell Reports</i> , 2020, 39, 953-969.	2.8	4
9	Castor patatin-like phospholipase A III ² facilitates removal of hydroxy fatty acids from phosphatidylcholine in transgenic <i>Arabidopsis</i> seeds. <i>Plant Molecular Biology</i> , 2019, 101, 521-536.	2.0	12
10	A transferase interactome that may facilitate channeling of polyunsaturated fatty acid moieties from phosphatidylcholine to triacylglycerol. <i>Journal of Biological Chemistry</i> , 2019, 294, 14838-14844.	1.6	20
11	Evaluation of virus-induced gene silencing methods for forage legumes including alfalfa, sainfoin, and fenugreek. <i>Canadian Journal of Plant Science</i> , 2019, 99, 917-926.	0.3	4
12	Engineering <i>Arabidopsis</i> long-chain acyl-CoA synthetase 9 variants with enhanced enzyme activity. <i>Biochemical Journal</i> , 2019, 476, 151-164.	1.7	13
13	Substrate preferences of long-chain acyl-CoA synthetase and diacylglycerol acyltransferase contribute to enrichment of flax seed oil with \pm -linolenic acid. <i>Biochemical Journal</i> , 2018, 475, 1473-1489.	1.7	36
14	Bioactivity and biotechnological production of punicic acid. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3537-3549.	1.7	32
15	Intrinsic disorder in the regulatory N-terminal domain of diacylglycerol acyltransferase 1 from <i>Brassica napus</i> . <i>Scientific Reports</i> , 2018, 8, 16665.	1.6	10
16	Properties and Biotechnological Applications of Acyl-CoA:diacylglycerol Acyltransferase and Phospholipid:diacylglycerol Acyltransferase from Terrestrial Plants and Microalgae. <i>Lipids</i> , 2018, 53, 663-688.	0.7	72
17	Molecular Enhancement of Alfalfa: Improving Quality Traits for Superior Livestock Performance and Reduced Environmental Impact. <i>Crop Science</i> , 2018, 58, 55-71.	0.8	8
18	Production of Biodiesel from Plant Oils. , 2018, , 41-58.		1

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19	Production of Other Bioproducts from Plant Oils. , 2018, , 59-85.		4
20	Diacylglycerol acyltransferase 1 is activated by phosphatidate and inhibited by SnRK1â€catalyzed phosphorylation. Plant Journal, 2018, 96, 287-299.	2.8	29
21	Plant <i>sn</i>â€cGlycerolâ€cPhosphate Acyltransferases: Biocatalysts Involved in the Biosynthesis of Intracellular and Extracellular Lipids. Lipids, 2018, 53, 469-480.	0.7	25
22	The linin promoter is highly effective in enhancing punicic acid production in Arabidopsis. Plant Cell Reports, 2017, 36, 447-457.	2.8	8
23	Diacylglycerol Acyltransferase 1 Is Regulated by Its N-Terminal Domain in Response to Allosteric Effectors. Plant Physiology, 2017, 175, 667-680.	2.3	43
24	Metabolic engineering of Schizosaccharomyces pombe to produce punicic acid, a conjugated fatty acid with nutraceutical properties. Applied Microbiology and Biotechnology, 2017, 101, 7913-7922.	1.7	13
25	Multiple mechanisms contribute to increased neutral lipid accumulation in yeast producing recombinant variants of plant diacylglycerol acyltransferase 1. Journal of Biological Chemistry, 2017, 292, 17819-17831.	1.6	22
26	Highâ€performance variants of plant diacylglycerol acyltransferase 1 generated by directed evolution provide insights into structure function. Plant Journal, 2017, 92, 167-177.	2.8	35
27	Modification of Oil Crops to Produce Fatty Acids for Industrial Applications. , 2017, , 187-236.		14
28	Brassica spp. Oils. , 2016, , 113-156.		15
29	Flax (Linum usitatissimum L.). , 2016, , 157-194.		52
30	Engineering Oil Accumulation in Vegetative Tissue. , 2016, , 413-434.		17
31	Arabidopsis GPAT9 contributes to synthesis of intracellular glycerolipids but not surface lipids. Journal of Experimental Botany, 2016, 67, 4627-4638.	2.4	89
32	Two Clades of Typeâ€1 <i>Brassica napus</i> Diacylglycerol Acyltransferase Exhibit Differences in Acylâ€CoA Preference. Lipids, 2016, 51, 781-786.	0.7	7
33	Abiotic factors influence plant storage lipid accumulation and composition. Plant Science, 2016, 243, 1-9.	1.7	99
34	Down regulation of the IND gene causes male sterility in canola (Brassica napus L.). Biocatalysis and Agricultural Biotechnology, 2016, 6, 9-18.	1.5	1
35	Introduction to Industrial Oil Crops. , 2016, , 1-13.		3
36	Acylâ€trafficking During Plant Oil Accumulation. Lipids, 2015, 50, 1057-1068.	0.7	52

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37	Engineering increased triacylglycerol accumulation in <i>Saccharomyces cerevisiae</i> using a modified type 1 plant diacylglycerol acyltransferase. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 2243-2253.	1.7	50
38	In Vivo and in Vitro Evidence for Biochemical Coupling of Reactions Catalyzed by Lysophosphatidylcholine Acyltransferase and Diacylglycerol Acyltransferase. <i>Journal of Biological Chemistry</i> , 2015, 290, 18068-18078.	1.6	34
39	Purification and properties of recombinant <i>Brassica napus</i> diacylglycerol acyltransferase 1. <i>FEBS Letters</i> , 2015, 589, 773-778.	1.3	22
40	Bypassing the Δ^6 -desaturase enzyme and directly providing n-3 and n-6 PUFA pathway intermediates reduces the survival of two human breast cancer cell lines. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 1378-1390.	1.0	9
41	A Small Phospholipase A2- $\hat{1}$ from Castor Catalyzes the Removal of Hydroxy Fatty Acids from Phosphatidylcholine in Transgenic Arabidopsis Seeds. <i>Plant Physiology</i> , 2015, 167, 1259-1270.	2.3	50
42	Heterologous expression of flax PHOSPHOLIPID:DIACYLGLYCEROL CHOLINEPHOSPHOTRANSFERASE (PDCT) increases polyunsaturated fatty acid content in yeast and Arabidopsis seeds. <i>BMC Biotechnology</i> , 2015, 15, 63.	1.7	39
43	Genome-Wide Analysis of PHOSPHOLIPID:DIACYLGLYCEROL ACYLTRANSFERASE (<i>PDAT</i>) Genes in Plants Reveals the Eudicot-Wide <i>PDAT</i> Gene Expansion and Altered Selective Pressures Acting on the Core Eudicot <i>PDAT</i> Paralogs. <i>Plant Physiology</i> , 2015, 167, 887-904.	2.3	39
44	Tailoring lipid synthesis in oil crops. <i>Inform</i> , 2015, 26, 78-83.	0.1	5
45	Production of a <i>Brassica napus</i> Low-Molecular Mass Acyl-Coenzyme A-Binding Protein in Arabidopsis Alters the Acyl-Coenzyme A Pool and Acyl Composition of Oil in Seeds. <i>Plant Physiology</i> , 2014, 165, 550-560.	2.3	42
46	A Rapid Nile Red Fluorescence-Based Method for Triacylglycerol Content in Microspore-Derived Cell Suspension Cultures of <i>Brassica napus</i> . <i>Lipids</i> , 2014, 49, 1161-1168.	0.7	6
47	Development and characterization of low $\hat{1}$ -linolenic acid <i>Brassica oleracea</i> lines bearing a novel mutation in a <i>FATTY ACID DESATURASE 3</i> gene. <i>BMC Genetics</i> , 2014, 15, 94.	2.7	14
48	Combined transgenic expression of <i>Punica granatum</i> conjugase (FADX) and FAD2 desaturase in high linoleic acid <i>Arabidopsis thaliana</i> mutant leads to increased accumulation of punicic acid. <i>Planta</i> , 2014, 240, 575-583.	1.6	32
49	A Novel Assay of DGAT Activity Based on High Temperature GC/MS of Triacylglycerol. <i>Lipids</i> , 2014, 49, 831-838.	0.7	10
50	Engineering production of C18 conjugated fatty acids in developing seeds of oil crops. <i>Biocatalysis and Agricultural Biotechnology</i> , 2014, 3, 44-48.	1.5	10
51	Glycerol-3-phosphate acyltransferase 4 is essential for the normal development of reproductive organs and the embryo in <i>Brassica napus</i> . <i>Journal of Experimental Botany</i> , 2014, 65, 4201-4215.	2.4	21
52	Possible allostery and oligomerization of recombinant plastidial sn-glycerol-3-phosphate acyltransferase. <i>Archives of Biochemistry and Biophysics</i> , 2014, 554, 55-64.	1.4	3
53	Plant phospholipase A: advances in molecular biology, biochemistry, and cellular function. <i>Biomolecular Concepts</i> , 2013, 4, 527-532.	1.0	39
54	Development of low-linolenic acid <i>Brassica oleracea</i> lines through seed mutagenesis and molecular characterization of mutants. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1587-1598.	1.8	13

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55	Regulation and enhancement of lipid accumulation in oil crops: The use of metabolic control analysis for informed genetic manipulation. <i>European Journal of Lipid Science and Technology</i> , 2013, 115, 1239-1246.	1.0	30
56	Identification of a Pair of Phospholipid:Diacylglycerol Acyltransferases from Developing Flax (<i>Linum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Chemistry, 2013, 288, 24173-24188.	1.6	97
57	Increasing seed oil content in Brassica species through breeding and biotechnology. <i>Lipid Technology</i> , 2013, 25, 182-185.	0.3	35
58	Genome-wide identification and analysis of the B3 superfamily of transcription factors in Brassicaceae and major crop plants. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1305-1319.	1.8	42
59	<i>B</i> <i>TT16</i> homologs with different genomic origins and expression levels encode proteins that regulate a broad range of endothelium-associated genes at the transcriptional level. <i>Plant Journal</i> , 2013, 74, 663-677.	2.8	29
60	Plant Acyl-CoA:Lysophosphatidylcholine Acyltransferases (LPCATs) Have Different Specificities in Their Forward and Reverse Reactions. <i>Journal of Biological Chemistry</i> , 2013, 288, 36902-36914.	1.6	114
61	Genetic Engineering of Lipid Biosynthesis in Seeds. , 2013, , 111-149.		4
62	<i>Transparent Testa16</i> Plays Multiple Roles in Plant Development and Is Involved in Lipid Synthesis and Embryo Development in Canola <i>Å Å</i> . <i>Plant Physiology</i> , 2012, 160, 978-989.	2.3	38
63	Metabolic Interactions between the Lands Cycle and the Kennedy Pathway of Glycerolipid Synthesis in <i>Arabidopsis</i> Developing Seeds. <i>Plant Cell</i> , 2012, 24, 4652-4669.	3.1	139
64	Acyl-CoA:diacylglycerol acyltransferase: Molecular biology, biochemistry and biotechnology. <i>Progress in Lipid Research</i> , 2012, 51, 350-377.	5.3	288
65	Fatty Acid Composition of Developing Sea Buckthorn (<i>Hippophae rhamnoides</i> L.) Berry and the Transcriptome of the Mature Seed. <i>PLoS ONE</i> , 2012, 7, e34099.	1.1	117
66	Identification and characterization of an LCAT-like <i>Arabidopsis thaliana</i> gene encoding a novel phospholipase A. <i>FEBS Letters</i> , 2012, 586, 373-377.	1.3	18
67	Site saturation mutagenesis: Methods and applications in protein engineering. <i>Biocatalysis and Agricultural Biotechnology</i> , 2012, 1, 181-189.	1.5	101
68	The Bsister MADS-box proteins have multiple regulatory functions in plant development. <i>Biocatalysis and Agricultural Biotechnology</i> , 2012, 1, 203-206.	1.5	5
69	Harvest Loss and Seed Bank Longevity of Flax (<i>Linum usitatissimum</i>) Implications for Seed-Mediated Gene Flow. <i>Weed Science</i> , 2011, 59, 61-67.	0.8	7
70	Biology and Biochemistry of Plant Phospholipases. <i>Critical Reviews in Plant Sciences</i> , 2011, 30, 239-258.	2.7	78
71	Lipins from plants are phosphatidate phosphatases that restore lipid synthesis in a <i>pah1^{tr}</i> mutant strain of <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 2011, 278, 764-775.	2.2	43
72	Involvement of low molecular mass soluble acyl-CoA-binding protein in seed oil biosynthesis. <i>New Biotechnology</i> , 2011, 28, 97-109.	2.4	32

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73	Gene coexpression clusters and putative regulatory elements underlying seed storage reserve accumulation in Arabidopsis. BMC Genomics, 2011, 12, 286.	1.2	73
74	<i>sn</i> -Glycerol-3-phosphate acyltransferases in plants. Plant Signaling and Behavior, 2011, 6, 1695-1699.	1.2	87
75	Three Homologous Genes Encoding <i>sn</i> -Glycerol-3-Phosphate Acyltransferase 4 Exhibit Different Expression Patterns and Functional Divergence in Brassica napus. Plant Physiology, 2011, 155, 851-865.	2.3	55
76	Functional and Topological Analysis of Yeast Acyl-CoA:Diacylglycerol Acyltransferase 2, an Endoplasmic Reticulum Enzyme Essential for Triacylglycerol Biosynthesis. Journal of Biological Chemistry, 2011, 286, 13115-13126.	1.6	82
77	Genetic Engineering Approaches for Trait Development in Brassica Oilseed Species. , 2011, , 57-91.		1
78	A survey of quantitative real-time polymerase chain reaction internal reference genes for expression studies in Brassica napus. Analytical Biochemistry, 2010, 405, 138-140.	1.1	85
79	Emergence and Persistence of Volunteer Flax in Western Canadian Cropping Systems. Agronomy Journal, 2010, 102, 1321-1328.	0.9	7
80	High-throughput approaches to investigate neutral lipid biosynthesis. International Journal of High Throughput Screening, 2010, , 29.	0.5	0
81	Role of Cysteine Residues in Thiol Modification of Acyl-CoA:Diacylglycerol Acyltransferase 2 from Yeast. Biochemistry, 2010, 49, 3237-3245.	1.2	18
82	Quantification and Mitigation of Adventitious Presence of Volunteer Flax (<i>Linum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (usita	0.8	6
83	Genetically Engineered Flax: Potential Benefits, Risks, Regulations, and Mitigation of Transgene Movement. Crop Science, 2009, 49, 1943-1954.	0.8	25
84	Increasing the flow of carbon into seed oil. Biotechnology Advances, 2009, 27, 866-878.	6.0	256
85	Directed evolution of acyl-CoA:diacylglycerol acyltransferase: Development and characterization of Brassica napus DGAT1 mutagenized libraries. Plant Physiology and Biochemistry, 2009, 47, 456-461.	2.8	53
86	Simple Methods to Detect Triacylglycerol Biosynthesis in a Yeast-Based Recombinant System. Lipids, 2009, 44, 963-73.	0.7	66
87	A 10 kDa acyl-CoA-binding protein (ACBP) from Brassica napus enhances acyl exchange between acyl-CoA and phosphatidylcholine. Plant Biotechnology Journal, 2009, 7, 602-610.	4.1	82
88	Antisense suppression of type 1 diacylglycerol acyltransferase adversely affects plant development in Brassica napus. Physiologia Plantarum, 2009, 137, 61-71.	2.6	44
89	Acyltransferase action in the modification of seed oil biosynthesis. New Biotechnology, 2009, 26, 11-16.	2.4	59
90	Molecular modification of triacylglycerol accumulation by over-expression of DGAT1 to produce canola with increased seed oil content under field conditions This paper is one of a selection of papers published in a Special Issue from the National Research Council of Canada " Plant Biotechnology Institute.. Botany, 2009, 87, 533-543.	0.5	126

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91	Molecular Strategies for Increasing Seed Oil Content. , 2009, , 3-17.		1
92	Microspore-derived cell suspension cultures of oilseed rape as a system for studying gene expression. Plant Cell, Tissue and Organ Culture, 2008, 92, 131-139.	1.2	10
93	Effect of CLA and Other C18 Unsaturated Fatty Acids on DGAT in Bovine Milk Fat Biosynthetic Systems. Lipids, 2008, 43, 903-912.	0.7	23
94	An N-terminal fragment of mouse DGAT1 binds different acyl-CoAs with varying affinity. Biochemical and Biophysical Research Communications, 2008, 373, 350-354.	1.0	34
95	Metabolic control analysis is helpful for informed genetic manipulation of oilseed rape (Brassica Tj ETQq1 1 0.784314 rgBT /Overlock 10 2.4 171		
96	Biotechnological approaches for the production of polyhydroxyalkanoates in microorganisms and plants â€” A review. Biotechnology Advances, 2007, 25, 148-175.	6.0	383
97	Acyl-CoA-binding and self-associating properties of a recombinant 13.3 kDa N-terminal fragment of diacylglycerol acyltransferase-1 from oilseed rape. BMC Biochemistry, 2006, 7, 24.	4.4	52
98	Fatty acid composition of muscle fat and enzymes of storage lipid synthesis in whole muscle from beef cattle. Lipids, 2006, 41, 1049-1057.	0.7	11
99	Diacylglycerol acyltransferase: A key mediator of plant triacylglycerol synthesis. Lipids, 2006, 41, 1073-1088.	0.7	290
100	IMMUNOHISTOCHEMICAL LOCALIZATION OF PREADIPOCYTE FACTOR-1: POTENTIAL MARKER OF PREADIPOCYTES IN BOVINE MUSCLE TISSUE. Journal of Muscle Foods, 2005, 16, 155-176.	0.5	3
101	Storage lipid accumulation and acyltransferase action in developing flaxseed. Lipids, 2005, 40, 1043-1049.	0.7	41
102	Conjugated linoleic acidâ€”enriched beef production. American Journal of Clinical Nutrition, 2004, 79, 1207S-1211S.	2.2	80
103	Properties of lysophosphatidylcholine acyltransferase from Brassica napus cultures. Lipids, 2003, 38, 651-656.	0.7	19
104	Hormone-sensitive lipase activity in relation to fat content of muscle in Wagyu hybrid cattle. Livestock Science, 2003, 79, 87-96.	1.2	28
105	Stability of diacylglycerol acyltransferase in dehydrated bovine muscle tissue. Analytical Biochemistry, 2003, 318, 254-259.	1.1	1
106	Characterization of cDNAs encoding diacylglycerol acyltransferase from cultures of Brassica napus and sucrose-mediated induction of enzyme biosynthesis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2002, 1580, 95-109.	1.2	82
107	Positional distribution of CLA in TAG of lamb tissues. Lipids, 2002, 37, 605-611.	0.7	20
108	Sucrose-induced changes in the transcriptome of cell suspension cultures of oilseed rape reveal genes associated with lipid biosynthesis. Plant Physiology and Biochemistry, 2002, 40, 719-725.	2.8	12

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109	Characterization of microsomal diacylglycerol acyltransferase activity from bovine adipose and muscle tissue. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001, 130, 105-115.	0.7	27
110	Lipid biosynthesis in cultures of oilseed rape. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2000, 36, 338-348.	0.9	11
111	Human acylation stimulating protein enhances triacylglycerol biosynthesis in plant microsomes. <i>FEBS Letters</i> , 2000, 481, 189-192.	1.3	10
112	Relationship of fatty acid composition to intramuscular fat content in beef from crossbred Wagyu cattle.. <i>Journal of Animal Science</i> , 1999, 77, 1717.	0.2	96
113	Factors enhancing diacylglycerol acyltransferase activity in microsomes from cell-suspension cultures of oilseed rape. <i>Lipids</i> , 1999, 34, 1143-1149.	0.7	25
114	Identification of N-ethylmaleimide-sensitive and -insensitive phosphatidate phosphatase activity in microspore-derived cultures of oilseed rape. <i>Plant Science</i> , 1998, 131, 139-147.	1.7	15
115	Triacylglycerol biosynthesis and gene expression in microspore-derived cell suspension cultures of oilseed rape. <i>Journal of Experimental Botany</i> , 1998, 49, 33-39.	2.4	24
116	Triacylglycerol biosynthesis and gene expression in microspore-derived cell suspension cultures of oilseed rape. <i>Journal of Experimental Botany</i> , 1998, 49, 33-39.	2.4	10
117	Phosphatidate phosphatases of mammals, yeast, and higher plants. <i>Lipids</i> , 1996, 31, 785-802.	0.7	56
118	Phosphatidate phosphatase from developing seeds and microspore-derived cultures of <i>Brassica napus</i> . <i>Phytochemistry</i> , 1996, 41, 353-363.	1.4	17
119	Interaction of Photoreactive Substrate Analogs with Diacylglycerol Acyltransferase from Microspore-Derived Embryos of Oilseed Rape. , 1995, , 518-520.		3
120	Hormonal control of lipase activity in oilseed rape germinants. <i>Physiologia Plantarum</i> , 1993, 89, 476-482.	2.6	3
121	Strategies in the purification of plant proteins. <i>Physiologia Plantarum</i> , 1992, 84, 301-309.	2.6	2
122	Properties of diacylglycerol acyltransferase from microspore-derived embryos of <i>Brassica napus</i> . <i>Phytochemistry</i> , 1991, 30, 3533-3538.	1.4	43
123	Triacylglycerol Bioassembly in Microspore-Derived Embryos of <i>Brassica napus</i> L. cv Reston. <i>Plant Physiology</i> , 1991, 97, 65-79.	2.3	54
124	Properties of Solubilized Microsomal Lipase from Germinating <i>Brassica napus</i> . <i>Plant Physiology</i> , 1989, 91, 1303-1307.	2.3	9
125	Fractionation of Jerusalem artichoke phenolase by immobilized copper affinity chromatography. <i>Phytochemistry</i> , 1987, 26, 2905-2907.	1.4	11
126	Purification of human copper, zinc superoxide dismutase by copper chelate affinity chromatography. <i>Analytical Biochemistry</i> , 1986, 155, 193-197.	1.1	35

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127	Effect of endogenous barley $\hat{\pm}$ -amylase inhibitor on hydrolysis of starch under various conditions. <i>Journal of Cereal Science</i> , 1985, 3, 249-259.	1.8	16
128	Purification and Characteristics of an Endogenous $\hat{\pm}$ -Amylase Inhibitor from Barley Kernels. <i>Plant Physiology</i> , 1983, 73, 1008-1012.	2.3	69
129	An Endogenous $\hat{\pm}$ -Amylase Inhibitor in Barley Kernels. <i>Plant Physiology</i> , 1983, 72, 809-812.	2.3	117
130	Cycloheptaamylose as an affinity ligand of cereal alpha amylase. Characteristics and a possible mechanism of the interaction. <i>Carbohydrate Research</i> , 1982, 108, 153-161.	1.1	23
131	A simple procedure for the preparation of [3H]cycloheptaamylose. <i>Carbohydrate Research</i> , 1982, 104, 334-337.	1.1	7