

John L Harwood

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8319101/publications.pdf>

Version: 2024-02-01

288
papers

11,542
citations

36691

53
h-index

45040

94
g-index

298
all docs

298
docs citations

298
times ranked

11793
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipids and lipid metabolism in eukaryotic algae. <i>Progress in Lipid Research</i> , 2006, 45, 160-186.	5.3	843
2	Recent advances in the biosynthesis of plant fatty acids. <i>Lipids and Lipid Metabolism</i> , 1996, 1301, 7-56.	2.6	431
3	Does the membrane's physical state control the expression of heat shock and other genes?. <i>Trends in Biochemical Sciences</i> , 1998, 23, 369-374.	3.7	338
4	A raison d'être for two distinct pathways in the early steps of plant isoprenoid biosynthesis?. <i>Progress in Lipid Research</i> , 2012, 51, 95-148.	5.3	310
5	The versatility of algae and their lipid metabolism. <i>Biochimie</i> , 2009, 91, 679-684.	1.3	268
6	The lipid biochemistry of eukaryotic algae. <i>Progress in Lipid Research</i> , 2019, 74, 31-68.	5.3	258
7	Increasing the flow of carbon into seed oil. <i>Biotechnology Advances</i> , 2009, 27, 866-878.	6.0	256
8	n-3 Fatty Acids Specifically Modulate Catabolic Factors Involved in Articular Cartilage Degradation. <i>Journal of Biological Chemistry</i> , 2000, 275, 721-724.	1.6	227
9	Pathologic indicators of degradation and inflammation in human osteoarthritic cartilage are abrogated by exposure to n-3 fatty acids. <i>Arthritis and Rheumatism</i> , 2002, 46, 1544-1553.	6.7	214
10	The significance of lipid composition for membrane activity: New concepts and ways of assessing function. <i>Progress in Lipid Research</i> , 2005, 44, 303-344.	5.3	201
11	Membrane lipid therapy: Modulation of the cell membrane composition and structure as a molecular base for drug discovery and new disease treatment. <i>Progress in Lipid Research</i> , 2015, 59, 38-53.	5.3	181
12	Metabolic control analysis is helpful for informed genetic manipulation of oilseed rape (Brassica) Tj ETQq0 0 0 rgBT/Qverlock 10 Tf 50 3	2.4	171
13	Mechanisms of temperature adaptation in poikilotherms. <i>FEBS Letters</i> , 2006, 580, 5477-5483.	1.3	163
14	Biochemistry of lipid metabolism in olive and other oil fruits. <i>Progress in Lipid Research</i> , 2000, 39, 151-180.	5.3	148
15	Algal lipids and effect of the environment on their biochemistry. , 2009, , 1-24.		144
16	Key role of lipids in heat stress management. <i>FEBS Letters</i> , 2013, 587, 1970-1980.	1.3	137
17	Heat shock response in photosynthetic organisms: Membrane and lipid connections. <i>Progress in Lipid Research</i> , 2012, 51, 208-220.	5.3	134
18	Lipid Metabolism in Algae. <i>Advances in Botanical Research</i> , 1989, 16, 1-53.	0.5	133

#	ARTICLE	IF	CITATIONS
19	Biosynthesis of triacylglycerols and volatiles in olives. <i>European Journal of Lipid Science and Technology</i> , 2002, 104, 564-573.	1.0	130
20	Molecular modification of triacylglycerol accumulation by over-expression of <i>DGAT1</i> 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.. <i>Botany</i> , 2009, 87, 533-543.	0.5	126
21	Can the stress protein response be controlled by "membrane-lipid therapy"? <i>Trends in Biochemical Sciences</i> , 2007, 32, 357-363.	3.7	119
22	Plasma membranes as heat stress sensors: From lipid-controlled molecular switches to therapeutic applications. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1594-1618.	1.4	115
23	Oxidation of polyunsaturated fatty acids to produce lipid mediators. <i>Essays in Biochemistry</i> , 2020, 64, 401-421.	2.1	109
24	The Plant Sulpholipid "a Major Component of the Sulphur Cycle. <i>Biochemical Society Transactions</i> , 1979, 7, 440-447.	1.6	104
25	Nutritional and health aspects of olive oil. <i>European Journal of Lipid Science and Technology</i> , 2002, 104, 685-697.	1.0	104
26	Identification and characterization of a recombinant metallothionein protein from a marine alga, <i>Fucus vesiculosus</i> . <i>Biochemical Journal</i> , 1999, 338, 553-560.	1.7	96
27	Analogues of Thiolactomycin as Potential Antimalarial Agents. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 5932-5941.	2.9	95
28	Algae: Critical Sources of Very Long-Chain Polyunsaturated Fatty Acids. <i>Biomolecules</i> , 2019, 9, 708.	1.8	92
29	Changes in the lipid content of developing seeds of <i>Brassica napus</i> . <i>Phytochemistry</i> , 1993, 32, 1411-1415.	1.4	83
30	Acetyl-CoA carboxylase exerts strong flux control over lipid synthesis in plants. <i>Lipids and Lipid Metabolism</i> , 1994, 1210, 369-372.	2.6	83
31	A plant metallothionein produced in <i>E. coli</i> . <i>FEBS Letters</i> , 1991, 295, 171-175.	1.3	82
32	Lipoxygenase activity in olive (<i>Olea europaea</i>) fruit. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 1999, 76, 1163-1168.	0.8	82
33	Biological basis for the benefit of nutraceutical supplementation in arthritis. <i>Drug Discovery Today</i> , 2004, 9, 165-172.	3.2	79
34	Analogues of thiolactomycin as potential anti-malarial and anti-trypanosomal agents. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 683-692.	1.4	77
35	Membrane Regulation of the Stress Response from Prokaryotic Models to Mammalian Cells. <i>Annals of the New York Academy of Sciences</i> , 2007, 1113, 40-51.	1.8	76
36	Changes in Kennedy pathway intermediates associated with increased triacylglycerol synthesis in oil-seed rape. <i>Phytochemistry</i> , 1999, 52, 799-804.	1.4	74

#	ARTICLE	IF	CITATIONS
37	Control analysis of lipid biosynthesis in tissue cultures from oil crops shows that flux control is shared between fatty acid synthesis and lipid assembly. <i>Biochemical Journal</i> , 2002, 364, 393-401.	1.7	74
38	Spatial and Temporal Mapping of Key Lipid Species in <i>Brassica napus</i> Seeds. <i>Plant Physiology</i> , 2017, 173, 1998-2009.	2.3	72
39	A Bifunctional $\Delta^{12,15}$ -Desaturase from <i>Acanthamoeba castellanii</i> Directs the Synthesis of Highly Unusual n-1 Series Unsaturated Fatty Acids. <i>Journal of Biological Chemistry</i> , 2006, 281, 36533-36541.	1.6	71
40	Effect of Irrigation on Quality Attributes of Olive Oil. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 7048-7055.	2.4	69
41	Hsp70 interactions with membrane lipids regulate cellular functions in health and disease. <i>Progress in Lipid Research</i> , 2019, 74, 18-30.	5.3	67
42	The synthesis of acyl lipids in plant tissues. <i>Progress in Lipid Research</i> , 1979, 18, 55-86.	5.3	66
43	Lipid functions in skin: Differential effects of n-3 polyunsaturated fatty acids on cutaneous ceramides, in a human skin organ culture model. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1679-1689.	1.4	64
44	Lipidomics reveals membrane lipid remodelling and release of potential lipid mediators during early stress responses in a murine melanoma cell line. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 1036-1047.	1.2	63
45	RISING WATER TEMPERATURES ALTER LIPID DYNAMICS AND REDUCE N-3 ESSENTIAL FATTY ACID CONCENTRATIONS IN <i>SCENEDESMUS OBLIQUUS</i> (CHLOROPHYTA)1. <i>Journal of Phycology</i> , 2011, 47, 763-774.	1.0	62
46	Fatty acid biosynthesis by a particulate preparation from germinating pea. <i>Biochemical Journal</i> , 1977, 168, 261-269.	3.2	61
47	Lipid composition of subcellular membranes from larvae and prepupae of <i>Drosophila melanogaster</i> . <i>Lipids</i> , 1992, 27, 984-987.	0.7	61
48	Incorporation of Carbon Dioxide, Acetate and Sulphate into the Glycerolipids of <i>Vicia faba</i> Leaves. <i>Hoppe-Seyley's Zeitschrift für Physiologische Chemie</i> , 1977, 358, 897-908.	1.7	60
49	Heat Stress Causes Spatially-Distinct Membrane Re-Modelling in K562 Leukemia Cells. <i>PLoS ONE</i> , 2011, 6, e21182.	1.1	59
50	Changes in the acyl lipid composition of photosynthetic bacteria grown under photosynthetic and non-photosynthetic conditions. <i>Biochemical Journal</i> , 1979, 181, 339-345.	1.7	58
51	Lipid metabolism in plants. <i>Critical Reviews in Plant Sciences</i> , 1989, 8, 1-43.	2.7	58
52	Changes in virgin olive oil characteristics during different storage conditions. <i>European Journal of Lipid Science and Technology</i> , 2010, 112, 906-914.	1.0	57
53	Lipids and lipid metabolism in the brown alga, <i>Fucus serratus</i> . <i>Phytochemistry</i> , 1984, 23, 2469-2473.	1.4	55
54	Lipid composition of the brown algae <i>fucus vesiculosus</i> and <i>Ascophyllum nodosum</i> . <i>Phytochemistry</i> , 1992, 31, 3397-3403.	1.4	55

#	ARTICLE	IF	CITATIONS
55	Studies on the regulation of lipid biosynthesis in plants: application of control analysis to soybean. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1488-1500.	1.4	55
56	Glycolytic Breakdown of Sulfoquinovose in Bacteria: a Missing Link in the Sulfur Cycle. <i>Applied and Environmental Microbiology</i> , 2003, 69, 6434-6441.	1.4	54
57	Leaf senescence in a non-yellowing mutant of <i>Festuca pratensis</i> . <i>Planta</i> , 1982, 156, 152-157.	1.6	53
58	Kinetic studies on two isoforms of acetyl-CoA carboxylase from maize leaves. <i>Biochemical Journal</i> , 1996, 318, 997-1006.	1.7	53
59	Effects of n-3 fatty acids on cartilage metabolism. <i>Proceedings of the Nutrition Society</i> , 2002, 61, 381-389.	0.4	53
60	Abscisic acid modifies the changes in lipids brought about by water stress in the moss <i>Atrichum androgynum</i> . <i>New Phytologist</i> , 2002, 156, 255-264.	3.5	53
61	A mandelamide pesticide alters lipid metabolism in <i>Phytophthora infestans</i> . <i>New Phytologist</i> , 2003, 158, 345-353.	3.5	52
62	Acyl-ATrafficking During Plant Oil Accumulation. <i>Lipids</i> , 2015, 50, 1057-1068.	0.7	52
63	Radiolabelling studies of acyl lipids in developing seeds of <i>Brassica napus</i> : Use of [1-14C]acetate precursor. <i>Phytochemistry</i> , 1993, 33, 329-333.	1.4	51
64	Dietary DHA supplementation causes selective changes in phospholipids from different brain regions in both wild type mice and the Tg2576 mouse model of Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 524-537.	1.2	51
65	Lipids of the marine red algae, <i>Chondrus crispus</i> and <i>Polysiphonia lanosa</i> . <i>Phytochemistry</i> , 1989, 28, 399-405.	1.4	50
66	Phospholipid metabolism in the brown alga, <i>Fucus serratus</i> . <i>Phytochemistry</i> , 1982, 21, 569-573.	1.4	49
67	The short chain condensing enzyme has a widespread occurrence in the fatty acid synthetases from higher plants. <i>Phytochemistry</i> , 1990, 29, 3797-3799.	1.4	49
68	Synthesis of Phospholipids by Human Peritoneal Mesothelial Cells. <i>Peritoneal Dialysis International</i> , 1994, 14, 348-355.	1.1	48
69	The utilization and desaturation of oleate and linoleate during glycerolipid biosynthesis in olive (<i>Olea europaea</i> L.) callus cultures. <i>Journal of Experimental Botany</i> , 2008, 59, 2425-2435.	2.4	47
70	Environmental factors which can alter lipid metabolism. <i>Progress in Lipid Research</i> , 1994, 33, 193-202.	5.3	46
71	Lipid synthesis by germinating soya bean. <i>Phytochemistry</i> , 1975, 14, 1985-1990.	1.4	45
72	Metabolic control analysis reveals an important role for diacylglycerol acyltransferase in olive but not in oil palm lipid accumulation. <i>FEBS Journal</i> , 2005, 272, 5764-5770.	2.2	45

#	ARTICLE	IF	CITATIONS
73	Analysis of volatiles from callus cultures of olive <i>Olea europaea</i> . <i>Phytochemistry</i> , 1998, 47, 1253-1259.	1.4	44
74	Using lipidomics to reveal details of lipid accumulation in developing seeds from oilseed rape (<i>Brassica napus</i> L.). <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 339-348.	1.2	44
75	The transmembrane distribution of galactolipids in chloroplast thylakoids is universal in a wide variety of temperate climate plants. <i>Photosynthesis Research</i> , 1987, 11, 3-13.	1.6	43
76	Lipoxygenase pathway in olive callus cultures (<i>Olea europaea</i>). <i>Phytochemistry</i> , 2000, 53, 13-19.	1.4	43
77	Metabolic control analysis of developing oilseed rape (<i>Brassica napus</i> cv Westar) embryos shows that lipid assembly exerts significant control over oil accumulation. <i>New Phytologist</i> , 2012, 196, 414-426.	3.5	43
78	Light-Induced Changes in Fatty Acid Profiles of Specific Lipid Classes in Several Freshwater Phytoplankton Species. <i>Frontiers in Plant Science</i> , 2016, 7, 264.	1.7	43
79	Identification and characterization of a recombinant metallothionein protein from a marine alga, <i>Fucus vesiculosus</i> . <i>Biochemical Journal</i> , 1999, 338, 553.	1.7	42
80	Algal Lipids and Their Metabolism. , 2013, , 17-36.		42
81	Synthesis of molecular species of phosphatidylcholine and phosphatidylethanolamine by germinating soya bean. <i>Phytochemistry</i> , 1976, 15, 1459-1463.	1.4	41
82	Acetyl-CoA Carboxylase-a Graminicide Target Site. <i>Pest Management Science</i> , 1997, 50, 67-71.	0.7	41
83	Dihomo- γ -linolenic acid inhibits several key cellular processes associated with atherosclerosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2538-2550.	1.8	41
84	Metabolism of trans-3-Hexadecenoic Acid in Broad Bean. <i>FEBS Journal</i> , 1975, 50, 325-334.	0.2	39
85	Lipid Metabolism in the Brown Marine Algae <i>Fucus vesiculosus</i> and <i>Ascophyllum nodosum</i> . <i>Journal of Experimental Botany</i> , 1993, 44, 1203-1210.	2.4	39
86	The regulation of triacylglycerol biosynthesis in cocoa (<i>Theobroma cacao</i>) L.. <i>Planta</i> , 1991, 184, 279-284.	1.6	38
87	Use of metabolic control analysis to give quantitative information on control of lipid biosynthesis in the important oil crop, <i>Elaeis guineensis</i> (oilpalm). <i>New Phytologist</i> , 2009, 184, 330-339.	3.5	38
88	The in vitro delivery of NSAIDs across skin was in proportion to the delivery of essential fatty acids in the vehicle—evidence that solutes permeate skin associated with their solvation cages?. <i>International Journal of Pharmaceutics</i> , 2003, 261, 165-169.	2.6	37
89	In silico characterization and expression profiling of the diacylglycerol acyltransferase gene family (DGAT1, DGAT2, DGAT3 and WS/DGAT) from oil palm, <i>Elaeis guineensis</i> . <i>Plant Science</i> , 2018, 275, 84-96.	1.7	37
90	Membrane Lipids in Algae. , 1998, , 53-64.		36

#	ARTICLE	IF	CITATIONS
91	Lead and copper effects on lipid metabolism in cultured lichen photobionts with different phosphorus status. <i>Phytochemistry</i> , 2006, 67, 1731-1739.	1.4	36
92	Plant Lipid Metabolism. , 1997, , 237-272.		35
93	Increasing seed oil content in Brassica species through breeding and biotechnology. <i>Lipid Technology</i> , 2013, 25, 182-185.	0.3	35
94	BIOSYNTHESIS OF SMALL MOLECULES IN CHLOROPLASTS OF HIGHER PLANTS. <i>Biological Reviews</i> , 1976, 51, 365-405.	4.7	33
95	Effect of thiocarbamate herbicides on fatty acid synthesis by potato. <i>Phytochemistry</i> , 1976, 15, 1507-1509.	1.4	33
96	Differential responses of a range of photosynthetic tissues to a substituted pyridazinone, sandoz 9785. Specific effects on fatty acid desaturation. <i>Phytochemistry</i> , 1985, 24, 1923-1929.	1.4	33
97	Novel inhibitors of the condensing enzymes of the Type II fatty acid synthase of pea (<i>Pisum sativum</i>). <i>Biochemical Journal</i> , 2000, 347, 205-209.	1.7	33
98	Control mechanisms operating for lipid biosynthesis differ in oil-palm (<i>Elaeis guineensis</i> Jacq.) and olive (<i>Olea europaea</i> L.) callus cultures. <i>Biochemical Journal</i> , 2002, 364, 385-391.	1.7	32
99	Lysophospholipid metabolism facilitates Toll-like receptor 4 membrane translocation to regulate the inflammatory response. <i>Journal of Leukocyte Biology</i> , 2008, 84, 86-92.	1.5	31
100	Biochemistry of high stearic sunflower, a new source of saturated fats. <i>Progress in Lipid Research</i> , 2014, 55, 30-42.	5.3	31
101	Lipid metabolism in the moss <i>Rhytidiadelphus squarrosus</i> (Hedw.) Warnst. from lead-contaminated and non-contaminated populations. <i>Journal of Experimental Botany</i> , 2002, 53, 455-463.	2.4	30
102	Lipid metabolism in cultured lichen photobionts with different phosphorus status. <i>Phytochemistry</i> , 2003, 64, 209-217.	1.4	30
103	Eicosapentaenoic Acid and Docosahexaenoic Acid Regulate Modified LDL Uptake and Macropinocytosis in Human Macrophages. <i>Lipids</i> , 2011, 46, 1053-1061.	0.7	30
104	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
105	Lipid metabolism in green leaves of developing monocotyledons. <i>Planta</i> , 1978, 139, 267-272.	1.6	29
106	The action of herbicides on fatty acid biosynthesis and elongation in barley and cucumber. <i>Pest Management Science</i> , 2010, 66, 794-800.	1.7	29
107	Synthesis of sulphoquinovosyl diacylglycerol by higher plants. <i>Lipids and Lipid Metabolism</i> , 1975, 398, 224-230.	2.6	28
108	Solubilisation, partial purification and properties of acyl-CoA: glycerol-3-phosphate acyltransferase from avocado (<i>Persea americana</i>) fruit mesocarp. <i>Lipids and Lipid Metabolism</i> , 1995, 1257, 1-10.	2.6	28

#	ARTICLE	IF	CITATIONS
109	Lipids: From Chemical Structures, Biosynthesis, and Analyses to Industrial Applications. <i>Sub-Cellular Biochemistry</i> , 2016, 86, 1-18.	1.0	28
110	Lipid metabolism in germinating seeds. <i>Lipids and Lipid Metabolism</i> , 1979, 575, 102-111.	2.6	27
111	The subcellular localisation of absorbed copper in <i>Fucus</i> . <i>Physiologia Plantarum</i> , 1986, 66, 692-698.	2.6	27
112	Lipid metabolism in the red marine algae <i>Chondrus crispus</i> and <i>Polysiphonia lanosa</i> as modified by temperature. <i>Phytochemistry</i> , 1989, 28, 2053-2058.	1.4	27
113	Olive Oil Qualitative Parameters after Orchard Irrigation with Saline Water. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 1421-1425.	2.4	27
114	Acyl-CoA:diacylglycerol acyltransferase: Properties, physiological roles, metabolic engineering and intentional control. <i>Progress in Lipid Research</i> , 2022, 88, 101181.	5.3	27
115	Inhibition of fatty acid elongation provides a basis for the action of the herbicide, ethofumesate, on surface wax formation. <i>Phytochemistry</i> , 1992, 31, 1155-1159.	1.4	26
116	The regulation of triacylglycerol biosynthesis in cocoa (<i>Theobroma cacao</i>) L.. <i>Planta</i> , 1991, 184, 279-284.	1.6	26
117	Purification of acyl hydrolase enzymes from the leaves of <i>Phaseolus multiflorus</i> . <i>Phytochemistry</i> , 1979, 18, 1793-1797.	1.4	24
118	Adaptive changes in the lipids of higher-plant membranes. <i>Biochemical Society Transactions</i> , 1983, 11, 343-346.	1.6	24
119	Changes in Endogenous Fatty Acids and Lipid Synthesis Associated with Copper Pollution in <i>Fucus</i> spp. <i>Journal of Experimental Botany</i> , 1985, 36, 663-669.	2.4	24
120	The site of action of some selective graminaceous herbicides is identified as acetyl-CoA carboxylase. <i>Trends in Biochemical Sciences</i> , 1988, 13, 330-331.	3.7	24
121	Changes in Membrane Fatty Acid Composition and Δ^{12} -Desaturase Activity during Growth of <i>Acanthamoeba castellanii</i> in Batch Culture. <i>Journal of Eukaryotic Microbiology</i> , 1994, 41, 396-401.	0.8	23
122	Contrasting Effects of ω -3 and ω -6 Fatty Acids on Cyclooxygenase-2 in Model Systems for Arthritis. <i>Lipids</i> , 2009, 44, 889-96.	0.7	23
123	Properties of acyl hydrolase enzymes from <i>Phaseolus multiflorus</i> leaves. <i>Phytochemistry</i> , 1980, 19, 2281-2285.	1.4	22
124	Acyl lipid metabolism in the oleaginous yeast <i>Rhodotorula gracilis</i> (CBS 3043). <i>Lipids</i> , 1989, 24, 715-720.	0.7	22
125	Temperature-induced Changes in the Synthesis of Unsaturated Fatty Acids by <i>Acanthamoeba castellanii</i> . <i>Journal of Protozoology</i> , 1991, 38, 532-536.	0.9	22
126	Purification and characterisation of acyl-CoA: glycerol 3-phosphate acyltransferase from oil palm (<i>Elaeis guineensis</i>) tissues. <i>Planta</i> , 2000, 210, 318-328.	1.6	22

#	ARTICLE	IF	CITATIONS
127	Catabolism of sulphoquinovosyl diacylglycerol by an enzyme preparation from <i>Phaseolus multiflorus</i> . <i>Phytochemistry</i> , 1977, 16, 651-654.	1.4	21
128	Use of [2-3H]glycerol precursor in radiolabelling studies of acyl lipids in developing seeds of <i>Brassica napus</i> . <i>Phytochemistry</i> , 1993, 34, 69-73.	1.4	21
129	Regulation of lipid synthesis in oil crops. <i>FEBS Letters</i> , 2013, 587, 2079-2081.	1.3	20
130	Strategies for coping with low environmental temperatures. <i>Trends in Biochemical Sciences</i> , 1991, 16, 126-127.	3.7	19
131	Conditions for the assay of glutamate semialdehyde aminotransferase that overcome the problem of substrate instability. <i>Analytical Biochemistry</i> , 1991, 198, 43-46.	1.1	19
132	Acylation of lysophosphatidylcholine plays a key role in the response of monocytes to lipopolysaccharide. <i>FEBS Journal</i> , 2003, 270, 2782-2788.	0.2	19
133	Effect of culture conditions on the lipid composition of <i>Phytophthora infestans</i> . <i>New Phytologist</i> , 2003, 158, 337-344.	3.5	19
134	Catabolism of Sulpholipid by an Enzyme from the Leaves of <i>Phaseolus multiflorus</i> . <i>Biochemical Society Transactions</i> , 1977, 5, 1302-1304.	1.6	18
135	Lipid Metabolism in <i>Fucus serratus</i> Modified by Environmental Factors. <i>Journal of Experimental Botany</i> , 1984, 35, 1359-1368.	2.4	18
136	Characterization of fatty acid elongase enzymes from germinating pea seeds. <i>Phytochemistry</i> , 1998, 48, 1295-1304.	1.4	18
137	Lipid composition of <i>Botrytis cinerea</i> and inhibition of its radiolabelling by the fungicide iprodione. <i>New Phytologist</i> , 2003, 160, 199-207.	3.5	18
138	Protective Role for Properdin in Progression of Experimental Murine Atherosclerosis. <i>PLoS ONE</i> , 2014, 9, e92404.	1.1	18
139	Tc1 mouse model of trisomy-21 dissociates properties of short- and long-term recognition memory. <i>Neurobiology of Learning and Memory</i> , 2016, 130, 118-128.	1.0	18
140	Comparative Transcriptomics Analysis of <i>Brassica napus</i> L. during Seed Maturation Reveals Dynamic Changes in Gene Expression between Embryos and Seed Coats and Distinct Expression Profiles of Acyl-CoA-Binding Proteins for Lipid Accumulation. <i>Plant and Cell Physiology</i> , 2019, 60, 2812-2825.	1.5	18
141	Some characteristics of soluble fatty acid synthesis in germinating pea seeds. <i>Lipids and Lipid Metabolism</i> , 1977, 489, 15-24.	2.6	17
142	Effect of Substituted Pyridazinones on Chloroplast Structure and Lipid Metabolism in Greening Barley Leaves. <i>Journal of Experimental Botany</i> , 1983, 34, 1089-1100.	2.4	17
143	Purification of ctp: cholinephosphate cytidyl-transferase from pea stems. <i>Phytochemistry</i> , 1985, 24, 2523-2527.	1.4	17
144	Involvement of Chloroplast Lipids in the Reaction of Plants Submitted to Stress. , 1998, , 287-302.		17

#	ARTICLE	IF	CITATIONS
145	Glucosamine Hydrochloride but Not Chondroitin Sulfate Prevents Cartilage Degradation and Inflammation Induced by Interleukin-1 β in Bovine Cartilage Explants. <i>Cartilage</i> , 2016, 7, 70-81.	1.4	17
146	Increase in lysophosphatidate acyltransferase activity in oilseed rape (<i>Brassica napus</i>) increases seed triacylglycerol content despite its low intrinsic flux control coefficient. <i>New Phytologist</i> , 2019, 224, 700-711.	3.5	17
147	Changes in the lipid metabolism of fucus serratus and fucus vesiculosus caused by copper. <i>Lipids and Lipid Metabolism</i> , 1984, 796, 119-122.	2.6	16
148	Direct identification and quantification of the cofactor in glutamate semialdehyde aminotransferase from pea leaves. <i>FEBS Letters</i> , 1991, 283, 4-6.	1.3	16
149	Interaction of thiocarbamate herbicides with fatty acid synthesis in germinating peas and their microsomal fractions. <i>Phytochemistry</i> , 1991, 30, 2883-2887.	1.4	16
150	Glycerolipid biosynthesis by microsomal fractions from olive fruits. <i>Phytochemistry</i> , 1992, 31, 129-134.	1.4	16
151	Susceptibilities of Different Test Systems from Maize (<i>Zea mays</i>), <i>Poa annua</i> , and <i>Festuca rubra</i> to Herbicides That Inhibit the Enzyme Acetyl-Coenzyme A Carboxylase. <i>Pesticide Biochemistry and Physiology</i> , 1996, 55, 129-139.	1.6	16
152	Glycerolipid synthesis by microsomal fractions from <i>Olea europaea</i> fruits and tissue cultures. <i>Phytochemistry</i> , 1997, 46, 265-272.	1.4	16
153	Oxygen induces fatty acid (n-6)-desaturation independently of temperature in <i>Acanthamoeba castellanii</i> . <i>FEBS Letters</i> , 1998, 425, 171-174.	1.3	16
154	Conserved valproic-acid-induced lipid droplet formation in <i>Dictyostelium</i> and human hepatocytes identifies structurally active compounds. <i>DMM Disease Models and Mechanisms</i> , 2012, 5, 231-240.	1.2	16
155	Nutritional lipid supply can control the heat shock response of B16 melanoma cells in culture. <i>Molecular Membrane Biology</i> , 2012, 29, 274-289.	2.0	16
156	The role of n-3 dietary polyunsaturated fatty acids in brain function and ameliorating Alzheimer's disease: Opportunities for biotechnology in the development of nutraceuticals. <i>Biocatalysis and Agricultural Biotechnology</i> , 2012, 1, 159-166.	1.5	16
157	Fatty acid synthesis in aged potato slices. <i>Phytochemistry</i> , 1976, 15, 1501-1506.	1.4	15
158	The effect of indoleacetic acid on phospholipid metabolism in pea stems. <i>Phytochemistry</i> , 1983, 22, 2421-2425.	1.4	15
159	The effect of trace metals on lipid metabolism in the brown alga <i>Fucus serratus</i> . <i>Biochemical Society Transactions</i> , 1983, 11, 394-395.	1.6	15
160	[44] Phosphoglycerides of mitochondrial membranes. <i>Methods in Enzymology</i> , 1987, , 475-485.	0.4	15
161	Oxygen induction of a novel fatty acid n \sim 6 desaturase in the soil protozoon, <i>Acanthamoeba castellanii</i> . <i>Biochemical Journal</i> , 2002, 368, 57-67.	1.7	15
162	The Microaerophilic Flagellate, <i>Trichomonas vaginalis</i> , Contains Unusual Acyl Lipids but no Detectable Cardiolipin. <i>Journal of Eukaryotic Microbiology</i> , 2009, 56, 52-57.	0.8	15

#	ARTICLE	IF	CITATIONS
163	Induction of expression of a 14-3-3 gene in response to copper exposure in the marine alga, <i>Fucus vesiculosus</i> . <i>Ecotoxicology</i> , 2012, 21, 124-138.	1.1	15
164	The action of protamine on clearing factor lipase and on plasma triglyceride metabolism. <i>Lipids and Lipid Metabolism</i> , 1974, 337, 225-238.	2.6	14
165	Preferential π - π complexation between tamoxifen and borage oil/ ω 3 linolenic acid: Transcutaneous delivery and NMR spectral modulation. <i>International Journal of Pharmaceutics</i> , 2005, 302, 47-55.	2.6	14
166	Lipid Classes and Fatty Acid Patterns are Altered in the Brain of β -Synuclein Null Mutant Mice. <i>Lipids</i> , 2011, 46, 121-130.	0.7	14
167	Modification of Oil Crops to Produce Fatty Acids for Industrial Applications. , 2017, , 187-236.		14
168	Characterization of Oil Palm Acyl-CoA-Binding Proteins and Correlation of Their Gene Expression with Oil Synthesis. <i>Plant and Cell Physiology</i> , 2020, 61, 735-747.	1.5	14
169	Lipid Synthesis. , 1991, , 57-94.		14
170	Alterations in lipid metabolism caused by illumination of the marine red algae <i>Chondrus crispus</i> and <i>Polysiphonia lanosa</i> . <i>Phytochemistry</i> , 1989, 28, 3295-3300.	1.4	13
171	Interferon- β -Stimulated Uptake and Turnover of Linoleate and Arachidonate in Macrophages: A Possible Pathway for Hypersensitivity to Endotoxin. <i>Cellular Immunology</i> , 1993, 152, 59-71.	1.4	13
172	Graminicide insensitivity correlates with herbicide-binding co-operativity on acetyl-CoA carboxylase isoforms. <i>Biochemical Journal</i> , 2003, 375, 415-423.	1.7	13
173	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.	2.8	13
174	Effect of a substituted pyridazinone, compound BASF 13 α -338 on membrane lipid synthesis in photosynthetic tissues. <i>Biochemical Society Transactions</i> , 1980, 8, 119-120.	1.6	12
175	Fatty Acid Synthesis in Soluble Fractions from Olive (<i>Olea europaea</i>) Fruits. <i>Journal of Plant Physiology</i> , 1992, 140, 402-408.	1.6	12
176	Simultaneous permeation of tamoxifen and ω 3 linolenic acid across excised human skin. Further evidence of the permeation of solvated complexes. <i>International Journal of Pharmaceutics</i> , 2004, 271, 305-309.	2.6	12
177	Characterisation of lipoxygenase isoforms from olive callus cultures. <i>Phytochemistry</i> , 2008, 69, 2532-2538.	1.4	12
178	Recent Environmental Concerns and Lipid Metabolism. , 1995, , 361-368.		12
179	Radiolabelling studies of fatty acids in <i>Pisum sativum</i> and <i>Vicia faba</i> leaves at different temperatures. <i>Phytochemistry</i> , 1979, 18, 1811-1814.	1.4	11
180	Pulmonary surfactant: its isolation, characterization and function. <i>Biochemical Society Transactions</i> , 1985, 13, 1079-1081.	1.6	11

#	ARTICLE	IF	CITATIONS
181	Lipid characterization and metabolism in two red marine algae. <i>Biochemical Society Transactions</i> , 1986, 14, 148-149.	1.6	11
182	Changes in the lipid composition of developing wheat seeds. <i>Phytochemistry</i> , 1986, 25, 811-815.	1.4	11
183	Permeability of liposomes composed of binary mixtures of monogalactosyldiacylglycerol and digalactosyldiacylglycerol. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 939, 430-440.	1.4	11
184	Isolation, characterisation and expression of a cDNA for pea cholinephosphate cytidylyltransferase. <i>Plant Molecular Biology</i> , 1998, 37, 179-185.	2.0	11
185	β -Ketoacyl-acyl carrier protein synthase β III from pea (<i>Pisum sativum</i> L.): properties, inhibition by a novel thiolactomycin analogue and isolation of a cDNA clone encoding the enzyme. <i>Planta</i> , 2003, 216, 752-761.	1.6	11
186	Temperature Stress. <i>Annals of the New York Academy of Sciences</i> , 2007, 1113, 52-57.	1.8	11
187	Novel inhibitors of the condensing enzymes of the Type II fatty acid synthase of pea (<i>Pisum sativum</i>). <i>Biochemical Journal</i> , 2000, 347, 205.	1.7	11
188	Investigation of the transmembrane distribution of thylakoid lipids. <i>Biochemical Society Transactions</i> , 1982, 10, 249-250.	1.6	10
189	Lipids and lipid metabolism in the marine alga <i>Enteromorpha intestinalis</i> . <i>Phytochemistry</i> , 1993, 34, 969-972.	1.4	10
190	Effects of pebulate and pebulate sulphoxide on very long chain fatty acid biosynthesis. <i>Phytochemistry</i> , 1998, 48, 441-446.	1.4	10
191	Comparative aspects of lipid metabolism in marine algae. <i>Biochemical Society Transactions</i> , 1987, 15, 482-483.	1.6	9
192	Diflufenican, a carotenogenesis inhibitor, also reduces acyl lipid synthesis. <i>Pesticide Biochemistry and Physiology</i> , 1992, 43, 14-21.	1.6	9
193	Characteristics of two forms of acetyl-CoA carboxylase from maize leaves. <i>Biochemical Society Transactions</i> , 1994, 22, 261S-261S.	1.6	9
194	Fatty acid elongation is important in the activity of thiocarbamate herbicides and in safening by dichlormid. <i>Journal of Experimental Botany</i> , 2003, 54, 1289-1294.	2.4	9
195	Complex lipid biosynthesis and its manipulation in plants. , 2007, , 253-279.		9
196	Modification of Palm Oil for Anti-inflammatory Nutraceutical Properties. <i>Lipids</i> , 2009, 44, 581-592.	0.7	9
197	Overexpression of phospholipid: diacylglycerol acyltransferase in <i>Brassica napus</i> results in changes in lipid metabolism and oil accumulation. <i>Biochemical Journal</i> , 2022, 479, 805-823.	1.7	9
198	β -hydroxylation of newly synthesised fatty acids by a soluble fraction from germinating pea. <i>Lipids and Lipid Metabolism</i> , 1979, 573, 218-221.	2.6	8

#	ARTICLE	IF	CITATIONS
199	The role of Coenzyme A in lipid synthesis by a particulate fraction from germinating peas. <i>Phytochemistry</i> , 1982, 21, 1931-1934.	1.4	8
200	Trans-bilayer lipid interactions. <i>Trends in Biochemical Sciences</i> , 1989, 14, 2-4.	3.7	8
201	A new class of herbicide which inhibits acetyl-CoA carboxylase in sensitive plant species. <i>Phytochemistry</i> , 1990, 29, 3743-3747.	1.4	8
202	Lipid metabolism in the moss <i>Dicranum scoparium</i> : effect of light conditions and heavy metals on the accumulation of acetylenic triacylglycerols. <i>Physiologia Plantarum</i> , 2002, 116, 441-450.	2.6	8
203	Use of plant cell cultures to study graminicide effects on lipid metabolism. <i>Phytochemistry</i> , 2003, 63, 533-541.	1.4	8
204	Lipid Metabolism in Olive: Biosynthesis of Triacylglycerols and Aroma Components. , 2013, , 97-127.		8
205	Thiocarbamates and surface lipid synthesis. <i>Biochemical Society Transactions</i> , 1994, 22, 621-624.	1.6	7
206	Re-evaluation of plant sulpholipid labelling from UDP-[14C]glucose in pea chloroplasts. <i>Biochemical Journal</i> , 1999, 344, 185-187.	1.7	7
207	The activities of monocyte lysophosphatidylcholine acyltransferase and coenzyme A-independent transacylase are changed by the inflammatory cytokines tumor necrosis factor alpha and interferon gamma. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2005, 1733, 232-238.	1.2	7
208	Enzymes of Fatty Acid Synthesis. <i>Methods in Plant Biochemistry</i> , 1990, , 193-217.	0.2	7
209	Fatty acid metabolism by a particulate fraction from germinating peas. <i>Phytochemistry</i> , 1983, 22, 849-854.	1.4	6
210	Solubilization and studies of cereal lipases. <i>Biochemical Society Transactions</i> , 1989, 17, 687-688.	1.6	6
211	Understanding liposomal properties to aid their clinical usage. <i>Trends in Biochemical Sciences</i> , 1992, 17, 203-204.	3.7	6
212	Glycerolipid synthesis by microsomal fractions from fruits and tissue cultures of olives. <i>Phytochemistry</i> , 1997, 46, 855-862.	1.4	6
213	Membranes in Stress and Adaptation. <i>Annals of the New York Academy of Sciences</i> , 1998, 851, 162-168.	1.8	6
214	Informed metabolic engineering of oil crops using control analysis. <i>Biocatalysis and Agricultural Biotechnology</i> , 2014, 3, 49-52.	1.5	6
215	Biosynthesis of Phosphatidylcholine and Phosphatidylethanolamine by Germinating Soya Bean. <i>Biochemical Society Transactions</i> , 1976, 4, 50-52.	1.6	5
216	Current Problems in the Synthesis of Leaf Acyl Lipids. <i>Biochemical Society Transactions</i> , 1977, 5, 1259-1263.	1.6	5

#	ARTICLE	IF	CITATIONS
217	Metabolic Effects on the Lung, Liver and Brain Following Ingestion of Imipramine and Chlorpromazine by the Rat. <i>Drug and Chemical Toxicology</i> , 1983, 6, 135-153.	1.2	5
218	The carbon flux to triacylglycerol in maturing oilseed rape embryos. <i>Biochemical Society Transactions</i> , 1994, 22, 203S-203S.	1.6	5
219	Effect of thiolactomycin on fatty acid synthesis in peas. <i>Phytochemistry</i> , 1995, 39, 511-514.	1.4	5
220	Effects of carbon dioxide concentration and temperature on lipid synthesis by young wheat leaves. <i>Phytochemistry</i> , 1997, 45, 243-250.	1.4	5
221	The effect of dimethoate on lipid biosynthesis in olive (<i>Olea europaea</i>) callus cultures. <i>Phytochemistry</i> , 1998, 47, 735-741.	1.4	5
222	Naphthalic anhydride prevents inhibition of fatty acid elongation by thiocarbamates. <i>Phytochemistry</i> , 1998, 49, 1897-1903.	1.4	5
223	Biochemical studies of oil biosynthesis in olive (<i>Olea europaea</i>) and oil palm (<i>Elaeis</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5</i>	1.6	5
224	Lipid Biosynthesis in Olives. , 2000, , 61-77.		5
225	Tailoring lipid synthesis in oil crops. <i>Inform</i> , 2015, 26, 78-83.	0.1	5
226	Purification and properties of CTP:cholinephosphate cytidyltransferase from pea (<i>Pisum</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382</i>	1.6	4
227	Fat synthesis in cacao (<i>Theobroma cacao</i>). <i>Biochemical Society Transactions</i> , 1989, 17, 688-689.	1.6	4
228	Graminicide-binding by acetyl-CoA carboxylase from <i>Poa annua</i> leaves. <i>Phytochemistry</i> , 1997, 44, 399-405.	1.4	4
229	Re-evaluation of plant sulpholipid labelling from UDP-[14C]glucose in pea chloroplasts. <i>Biochemical Journal</i> , 1999, 344, 185.	1.7	4
230	Plant acyl lipids: evolutionary curiosities or functional constituents?. <i>Trends in Biochemical Sciences</i> , 1976, 1, 253-256.	3.7	3
231	Fatty Acid Elongation by Preparations from <i>Pisum sativum</i> . <i>Biochemical Society Transactions</i> , 1977, 5, 287-289.	1.6	3
232	Glycolipids of Fungi and Plants. <i>Biochemical Society Transactions</i> , 1977, 5, 1677-1682.	1.6	3
233	The Effects of Intratracheally-Administered Imipramine on the Rat Lung. <i>Drug and Chemical Toxicology</i> , 1983, 6, 117-134.	1.2	3
234	Electron paramagnetic resonance studies of copper phaeophytin a in the presence and absence of phosphoglycerides. <i>Journal of Inorganic Biochemistry</i> , 1988, 32, 125-133.	1.5	3

#	ARTICLE	IF	CITATIONS
235	Effect of growth temperature on fatty acid biosynthesis in <i>Acanthamoeba castellanii</i> . Biochemical Society Transactions, 1990, 18, 627-627.	1.6	3
236	Evaluation of inhibitors of lipolytic enzymes. Trends in Biochemical Sciences, 1990, 15, 409-410.	3.7	3
237	Degradation of human and rat surfactant apoprotein by neutrophil elastase and cathepsin G. Biochemical Society Transactions, 1993, 21, 206S-206S.	1.6	3
238	The effect of thiolactomycin on fatty acid synthesis in peas (<i>Pisum sativum</i> , cv Onward). Biochemical Society Transactions, 1994, 22, 202S-202S.	1.6	3
239	Effect of drought on volatile production by the lipoxygenase pathway in olive fruit. Biochemical Society Transactions, 1997, 25, 499S-499S.	1.6	3
240	Reaction products of the lipoxygenase pathway in olive tissue cultures. Biochemical Society Transactions, 1998, 26, S154-S154.	1.6	3
241	Changes in CTP:cholinephosphate cytidyltransferase protein levels in pea stems treated with indole-3-acetic acid. Phytochemistry, 1986, 26, 81-83.	1.4	2
242	Effects of heavy metals on lipid metabolism in marine algae. Biochemical Society Transactions, 1988, 16, 275-276.	1.6	2
243	Effect of a Safener Towards Thiocarbamates on Plant Lipid Metabolism. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1991, 46, 931-933.	0.6	2
244	Lipid metabolism during seed development in oilseed rape (<i>Brassica napus</i> L. cv. Shiralee). Biochemical Society Transactions, 1991, 19, 243S-243S.	1.6	2
245	Glycerol 3-phosphate acylation by microsomal fractions from avocado mesocarp. Biochemical Society Transactions, 1992, 20, 169S-169S.	1.6	2
246	Influence of alterations in environmental CO ₂ and temperature on wheat grain lipids. Biochemical Society Transactions, 1993, 21, 182S-182S.	1.6	2
247	The effects of inflammatory cytokines on acyl coenzymeA-dependent acyltransferase. Biochemical Society Transactions, 1997, 25, 496S-496S.	1.6	2
248	Characteristics of wheat seed lipase. Biochemical Society Transactions, 1998, 26, S152-S152.	1.6	2
249	The effects of Iprodione on the lipid metabolism of <i>Botrytis cinerea</i> . Biochemical Society Transactions, 1998, 26, S155-S155.	1.6	2
250	Inspired by lipids (the Chevreul Award Lecture 2014). European Journal of Lipid Science and Technology, 2014, 116, 1259-1267.	1.0	2
251	Working with Randy: The Diacylglycerol Acyltransferase Story. Lipids, 2020, 55, 419-423.	0.7	2
252	Biosynthesis. , 1984, , 71-117.		2

#	ARTICLE	IF	CITATIONS
253	The Utilization of [3H]Leucine and [14C]Hexadecanoic Acid by the Isolated Perfused Rabbit Lung for Biosynthesis of Radiolabelled Pulmonary Surfactant. <i>Biochemical Society Transactions</i> , 1977, 5, 1310-1312.	1.6	1
254	Lipid metabolism in developing wheat (<i>Triticum aestivum</i>) seeds. <i>Biochemical Society Transactions</i> , 1980, 8, 533-533.	1.6	1
255	Inhibition of fatty acid biosynthesis by metronidazole. <i>Biochemical Society Transactions</i> , 1980, 8, 535-536.	1.6	1
256	Metabolism of lipids during chloroplast differentiation in barley (<i>Hordeum vulgare</i>). <i>Biochemical Society Transactions</i> , 1980, 8, 534-534.	1.6	1
257	Effects of indole-3-acetic acid on phosphatidylcholine metabolism in pea (<i>Pisum sativum</i> L.) stems. <i>Biochemical Society Transactions</i> , 1982, 10, 248-249.	1.6	1
258	The control of CTP: cholinephosphate cytidyltransferase activity in pea (<i>Pisum sativum</i> L.) stems. <i>Biochemical Society Transactions</i> , 1986, 14, 710-711.	1.6	1
259	Pulmonary surfactant biosynthesis: studies in vivo and in vitro. <i>Biochemical Society Transactions</i> , 1987, 15, 480-481.	1.6	1
260	Inhibition of fatty acid synthesis in plants by a selective herbicide, fluazifop. <i>Biochemical Society Transactions</i> , 1988, 16, 277-278.	1.6	1
261	Differential sensitivity of lipid metabolism in monocotyledons to grass-specific herbicides. <i>Biochemical Society Transactions</i> , 1993, 21, 183S-183S.	1.6	1
262	The inhibition of fatty acid elongation by a thiocarbamate herbicide and its sulphoxide. <i>Biochemical Society Transactions</i> , 1993, 21, 184S-184S.	1.6	1
263	Growth-dependent changes of Δ^{12} -desaturase activity and unsaturation of membrane fatty acids in <i>Acanthamoeba castellanii</i> . <i>Biochemical Society Transactions</i> , 1994, 22, 200S-200S.	1.6	1
264	Plant fatty acid elongation: sensitivity to thiocarbamate herbicides and their sulphoxides. <i>Biochemical Society Transactions</i> , 1994, 22, 260S-260S.	1.6	1
265	Effects of n-3 fatty acids on cartilage metabolism. <i>Proceedings of the Nutrition Society</i> , 2006, 65, 434.	0.4	1
266	The Control of CTP: Cholinephosphate Cytidyltransferase in Pea Stems. , 1987, , 333-336.		1
267	Molecular Strategies for Increasing Seed Oil Content. , 2009, , 3-17.		1
268	Research with a purpose. <i>Inform</i> , 2016, 27, 28-31.	0.1	1
269	Transgenic manipulation of triacylglycerol biosynthetic enzymes in <i>B. napus</i> alters lipid-associated gene expression and lipid metabolism. <i>Scientific Reports</i> , 2022, 12, 3352.	1.6	1
270	t-3-Hexadecenoic Acid in Broad Bean. <i>Biochemical Society Transactions</i> , 1974, 2, 1089-1091.	1.6	0

#	ARTICLE	IF	CITATIONS
271	Changes in Fatty Acid Synthesis during Leaf Development. Biochemical Society Transactions, 1978, 6, 598-600.	1.6	0
272	Fatty acid elongation by the microsomal fraction from germinating pea (<i>Pisum sativum</i> L.). Biochemical Society Transactions, 1980, 8, 120-121.	1.6	0
273	Studies on the function of chloroplast acyl lipids. Biochemical Society Transactions, 1982, 10, 247-248.	1.6	0
274	Three separate elongation enzymes for very-long-chain fatty acid synthesis in potato. Biochemical Society Transactions, 1985, 13, 1244-1245.	1.6	0
275	Lipid Metabolism in Two Species of Red Marine Algae as Modified by Environmental Factors. , 1987, , 657-660.		0
276	Surfactant metabolism: the role of specific apoproteins. Biochemical Society Transactions, 1988, 16, 276-276.	1.6	0
277	Changes in fatty acid synthesis during temperature adaptation in <i>Rhodobacter sphaeroides</i>. Biochemical Society Transactions, 1989, 17, 689-690.	1.6	0
278	Lipid biochemistry of tissue cultures of oil-seed rape. Biochemical Society Transactions, 1990, 18, 655-656.	1.6	0
279	Triacylglycerol synthesis by microsomal fractions from olive cultures. Biochemical Society Transactions, 1992, 20, 171S-171S.	1.6	0
280	Use of olive cultures to evaluate triacylglycerol synthesis. Biochemical Society Transactions, 1993, 21, 181S-181S.	1.6	0
281	Regulation of sulpholipid biosynthesis. Biochemical Society Transactions, 1994, 22, 201S-201S.	1.6	0
282	The Effects of Pesticides on Lipid Synthesis in Olive Fruits and Tissue Cultures. Biochemical Society Transactions, 1994, 22, 259S-259S.	1.6	0
283	Association of surfactant deficiency with alveolar bronchiolitis. Biochemical Society Transactions, 1997, 25, 498S-498S.	1.6	0
284	Lipids in Seville. Trends in Plant Science, 1998, 3, 369-370.	4.3	0
285	Genetic mechanisms involved in the adaptation of marine algae to heavy metal pollution. Biochemical Society Transactions, 1998, 26, S153-S153.	1.6	0
286	InspirÃ© par les lipides (MÃ©daille Chevreul 2014). OCL - Oilseeds and Fats, Crops and Lipids, 2015, 22, A202.	0.6	0
287	Inspired by lipids: the Morton Lecture Award Presentation. Biochemical Society Transactions, 2017, 45, 297-302.	1.6	0
288	Mechanism of glutamate semialdehyde aminotransferase probed with substrate analogues. , 1994, , 105-109.		0