Denis J Murphy

List of Publications by Year in Descending Order

151 papers	6,257 citations	40 h-index	75 g-index
159 ext. papers	6,784 ext. citations	6.5 avg, IF	6.16 L-index

#	Paper	IF	Citations
151	Characterization of lipid droplets from a Taxus media cell suspension and their potential involvement in trafficking and secretion of paclitaxel.. *Plant Cell Reports*, **2022**, 1	5.1	0
150	Authentication of cinnamon spice samples using FT-IR spectroscopy and chemometric classification. *LWT - Food Science and Technology*, **2022**, 154, 112760	5.4	2
149	Oil palm in the 2020s and beyond: challenges and solutions. *CABI Agriculture and Bioscience*, **2021**, 2, 39	2.9	10
148	Functional involvement of caleosin/peroxygenase PdPXG4 in the accumulation of date palm leaf lipid droplets after exposure to dioxins. *Environmental Pollution*, **2021**, 281, 116966	9.3	1
147	Involvement of hepatic lipid droplets and their associated proteins in the detoxification of aflatoxin B in aflatoxin-resistance BALB/C mouse. *Toxicology Reports*, **2020**, 7, 795-804	4.8	2
146	Dioxin impacts on lipid metabolism of soil microbes: towards effective detection and bioassessment strategies. *Bioresources and Bioprocessing*, **2020**, 7,	5.2	1
145	Characterization of Oil Palm Acyl-CoA-Binding Proteins and Correlation of Their Gene Expression with Oil Synthesis. *Plant and Cell Physiology*, **2020**, 61, 735-747	4.9	9
144	Use of headspace-gas chromatography-ion mobility spectrometry to detect volatile fingerprints of palm fibre oil and sludge palm oil in samples of crude palm oil. *BMC Research Notes*, **2019**, 12, 229	2.3	11
143	Arabidopsis plants exposed to dioxin result in a WRINKLED seed phenotype due to 20S proteasomal degradation of WRI1. *Journal of Experimental Botany*, **2018**, 69, 1781-1794	7	8
142	Rationalizing governance of genetically modified products in developing countries. *Nature Biotechnology*, **2018**, 36, 137-139	44.5	12
141	In silico characterization and expression profiling of the diacylglycerol acyltransferase gene family (DGAT1, DGAT2, DGAT3 and WS/DGAT) from oil palm, Elaeis guineensis. *Plant Science*, **2018**, 275, 84-96	5.3	22
140	The Peroxygenase Activity of the Caleosin, AfPXG, Modulates the Biosynthesis of Aflatoxins and Their Trafficking and Extracellular Secretion via Lipid Droplets. *Frontiers in Microbiology*, **2018**, 9, 158	5.7	10
139	Comparative genomic and transcriptomic analysis of selected fatty acid biosynthesis genes and CNL disease resistance genes in oil palm. *PLoS ONE*, **2018**, 13, e0194792	3.7	7
138	Evolutionary, structural and functional analysis of the caleosin/peroxygenase gene family in the Fungi. *BMC Genomics*, **2018**, 19, 976	4.5	8
137	Monitoring the traceability, safety and authenticity of imported palm oils in Europe. *OCL - Oilseeds and Fats, Crops and Lipids*, **2018**, 25, A603	1.5	6
136	Evolutionary and genomic analysis of the caleosin/peroxygenase (CLO/PXG) gene/protein families in the Viridiplantae. *PLoS ONE*, **2018**, 13, e0196669	3.7	12
135	Identification of a dioxin-responsive oxylipin signature in roots of date palm: involvement of a 9-hydroperoxide fatty acid reductase, caleosin/peroxygenase PdPXG2. *Scientific Reports*, **2018**, 8, 13181	4.9	11

134	Evidence-based gene models for structural and functional annotations of the oil palm genome. *Biology Direct*, **2017**, 12, 21	7.2	14
133	Plant Storage Lipids **2016**, 1-7		2
132	Specific Caleosin/Peroxygenase and Lipoxygenase Activities Are Tissue-Differentially Expressed in Date Palm (L.) Seedlings and Are Further Induced Following Exposure to the Toxin 2,3,7,8-tetrachlorodibenzo-p-dioxin. *Frontiers in Plant Science*, **2016**, 7, 2025	6.2	12
131	Biochemical, Transcriptional, and Bioinformatic Analysis of Lipid Droplets from Seeds of Date Palm (Phoenix dactylifera L.) and Their Use as Potent Sequestration Agents against the Toxic Pollutant, 2,3,7,8-Tetrachlorinated Dibenzo-p-Dioxin. *Frontiers in Plant Science*, **2016**, 7, 836	6.2	13
130	Using modern plant breeding to improve the nutritional and technological qualities of oil crops. *OCL - Oilseeds and Fats, Crops and Lipids*, **2014**, 21, D607	1.5	13
129	Tumor suppressors status in cancer cell line Encyclopedia. *Molecular Oncology*, **2013**, 7, 791-8	7.9	25
128	NPEST: a nonparametric method and a database for transcription start site prediction. *Quantitative Biology*, **2013**, 1, 261-271	3.9	14
127	cisExpress: motif detection in DNA sequences. *Bioinformatics*, **2013**, 29, 2203-5	7.2	14
126	The dynamic roles of intracellular lipid droplets: from archaea to mammals. *Protoplasma*, **2012**, 249, 541-85	3.4	257
125	Oil Crops as Potential Sources of Biofuels **2012**, 269-284		5
124	Object-Based Image Analysis for Detection of Japanese Knotweed s.l. taxa (Polygonaceae) in Wales (UK). *Remote Sensing*, **2011**, 3, 319-342	5	36
123	1 out of 27-European politicians score poorly in agbiotech. *Nature Biotechnology*, **2010**, 28, 551-2	44.5	1
122	Oil palm: future prospects for yield and quality improvements. *Lipid Technology*, **2009**, 21, 257-260		32
121	Roles of a membrane-bound caleosin and putative peroxygenase in biotic and abiotic stress responses in Arabidopsis. *Plant Physiology and Biochemistry*, **2009**, 47, 796-806	5.4	58
120	Future prospects for oil palm in the 21st century: Biological and related challenges. *European Journal of Lipid Science and Technology*, **2007**, 109, 296-306	3	40
119	Improving containment strategies in biopharming. *Plant Biotechnology Journal*, **2007**, 5, 555-69	11.6	65
118	Plant Breeding and Biotechnology: Societal Context and the Future of Agriculture **2007**,		33
117	People, Plants and Genes **2007**,		79

116	Molecular breeding strategies for the modification of lipid composition. *In Vitro Cellular and Developmental Biology - Plant*, **2006**, 42, 89-99	2.3	15
115	The extracellular pollen coat in members of the Brassicaceae: composition, biosynthesis, and functions in pollination. *Protoplasma*, **2006**, 228, 31-9	3.4	67
114	Conserved methionines in chloroplasts. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2005**, 1703, 191-202	4	33
113	Temporal and transient expression of olive enoyl-ACP reductase gene during flower and fruit development. *Plant Physiology and Biochemistry*, **2005**, 43, 37-44	5.4	18
112	Arabidopsis peptide methionine sulfoxide reductase2 prevents cellular oxidative damage in long nights. *Plant Cell*, **2004**, 16, 908-19	11.6	107
111	Detection of genetically modified soya in a range of organic and health food products. *British Food Journal*, **2004**, 106, 166-180	2.8	10
110	BIOTECHNOLOGY: ITS IMPACT AND FUTURE PROSPECTS. *Series on Photoconversion of Solar Energy*, **2004**, 649-740		1
109	Evaluating University Masterclasses and School Visits as mechanisms for enhancing teaching and learning experiences for undergraduates and school pupils. A pilot study involving biotechnology students. *Bioscience Education*, **2003**, 2, 1-11		2
108	Isolation and characterisation of two divergent type 3 metallothioneins from oil palm, Elaeis guineensis. *Plant Physiology and Biochemistry*, **2002**, 40, 255-263	5.4	50
107	A peptide methionine sulfoxide reductase highly expressed in photosynthetic tissue in Arabidopsis thaliana can protect the chaperone-like activity of a chloroplast-localized small heat shock protein. *Plant Journal*, **2002**, 29, 545-53	6.9	90
106	Biotechnology and the improvement of oil crops genes, dreams and realities. *Phytochemistry Reviews*, **2002**, 1, 67-77	7.7	13
105	Purification and structural characterization of the central hydrophobic domain of oleosin. *Journal of Biological Chemistry*, **2002**, 277, 37888-95	5.4	52
104	The domains required to direct core proteins of hepatitis C virus and GB virus-B to lipid droplets share common features with plant oleosin proteins. *Journal of Biological Chemistry*, **2002**, 277, 4261-70	5.4	136
103	The Brassica napus calcium-binding protein, caleosin, has distinct endoplasmic reticulum- and lipid body-associated isoforms. *Plant Physiology and Biochemistry*, **2001**, 39, 615-622	5.4	27
102	Role of lipid bodies and lipid-body proteins in seeds and other tissues. *Journal of Plant Physiology*, **2001**, 158, 471-478	3.6	68
101	The biogenesis and functions of lipid bodies in animals, plants and microorganisms. *Progress in Lipid Research*, **2001**, 40, 325-438	14.3	755
100	Reply to jones et al. *Trends in Immunology*, **2000**, 21, 155-6		2
99	Caleosins: Ca2+-binding proteins associated with lipid bodies. *Plant Molecular Biology*, **2000**, 44, 463-76	4.6	139

98	Shewry PR, Casey R, eds. 1999. Seed proteins . 883 pp. Dordrecht: Kluwer. £315 (hardback).. *Annals of Botany*, **2000**, 86, 434-435	4.1	2
97	Differential regulation of plastidial and cytosolic isoforms of peptide methionine sulfoxide reductase in Arabidopsis. *Plant Physiology*, **2000**, 123, 255-64	6.6	76
96	Developmental regulation and spatial expression of a plastidial fatty acid desaturase from Olea europaea. *Plant Physiology and Biochemistry*, **1999**, 37, 109-119	5.4	35
95	Production of novel oils in plants. *Current Opinion in Biotechnology*, **1999**, 10, 175-80	11.4	59
94	Is rapeseed really an allergenic plant? Popular myths versus scientific realities. *Trends in Immunology*, **1999**, 20, 511-4		10
93	Improving Plant Oils for Edible and Industrial Use. *Nature Biotechnology*, **1999**, 17, 40-40	44.5	
92	Temporal and spatial gene expression of cytochrome B5 during flower and fruit development in olives. *Plant Molecular Biology*, **1999**, 40, 79-90	4.6	17
91	Composition and role of tapetal lipid bodies in the biogenesis of the pollen coat of Brassica napus. *Planta*, **1999**, 208, 588-98	4.7	97
90	Mechanisms of lipid-body formation. *Trends in Biochemical Sciences*, **1999**, 24, 109-15	10.3	479
89	Le colza carbure aux transgènes. *Biofutur*, **1999**, 1999, 22-23		6
88	Manipulation of plant oil composition for the production of valuable chemicals. Progress, problems, and prospects. *Advances in Experimental Medicine and Biology*, **1999**, 464, 21-35	3.6	11
87	Biogenesis and function of the lipidic structures of pollen grains. *Sexual Plant Reproduction*, **1998**, 11, 65-80		351
86	Novel organelles and targeting mechanisms in the anther tapetum. *Trends in Plant Science*, **1998**, 3, 250-252	13.1	40
85	Role of the Proline Knot Motif in Oleosin Endoplasmic Reticulum Topology and Oil Body Targeting. *Plant Cell*, **1997**, 9, 1481	11.6	26
84	Promoter sequences from two different Brassica napus tapetal oleosin-like genes direct tapetal expression of beta-glucuronidase in transgenic Brassica plants. *Plant Molecular Biology*, **1997**, 34, 549-55	4.6	7
83	Oleosins prevent oil-body coalescence during seed imbibition as suggested by a low-temperature scanning electron microscope study of desiccation-tolerant and -sensitive oilseeds. *Planta*, **1997**, 204, 109-119	4.7	91
82	Intra- and extracellular lipid composition and associated gene expression patterns during pollen development in Brassica napus. *Plant Journal*, **1997**, 11, 549-62	6.9	99
81	Expression and subcellular targeting of a soybean oleosin in transgenic rapeseed. Implications for the mechanism of oil-body formation in seeds. *Plant Journal*, **1997**, 11, 783-96	6.9	86

80	Engineering oil production in rapeseed and other oil crops. *Trends in Biotechnology*, **1996**, 14, 206-213	15.1	90
79	Identification of a peptide methionine sulphoxide reductase gene in an oleosin promoter from Brassica napus. *Plant Journal*, **1996**, 10, 235-42	6.9	39
78	Characterization of anther-expressed genes encoding a major class of extracellular oleosin-like proteins in the pollen coat of Brassicaceae. *Plant Journal*, **1996**, 9, 625-37	6.9	66
77	The use of conventional and molecular genetics to produce new diversity in seed oil composition for the use of plant breeders-progress, problems and future prospects. *Euphytica*, **1995**, 85, 433-440	2.1	20
76	The use of conventional and molecular genetics to produce new diversity in seed oil composition for the use of plant breeders □progress, problems and future prospects. *Developments in Plant Breeding*, **1995**, 433-440		3
75	Are Oleosins Only Associated with Oil Bodies from Desiccation Tolerant Plant Tissues? **1995**, 558-560		1
74	A seed-specific Brassica napus oleosin promoter interacts with a G-box-specific protein and may be bi-directional. *Plant Molecular Biology*, **1994**, 24, 327-40	4.6	44
73	Manipulation of seed oil content to produce industrial crops. *Industrial Crops and Products*, **1994**, 3, 17-27	3.9	16
72	Synthesis and targeting of Brassica napus oleosin in transgenic tobacco. *Plant Science*, **1994**, 104, 39-47	5.3	10
71	Biogenesis, function, and biotechnology of plant storage lipids. *Progress in Lipid Research*, **1994**, 33, 71-85	14.3	39
70	Manipulation of lipid metabolism in transgenic plants: biotechnological goals and biochemical realities. *Biochemical Society Transactions*, **1994**, 22, 926-31	5.1	9
69	Storage lipid formation in seeds. *Seed Science Research*, **1993**, 3, 79-95	1.3	24
68	Differential presence of oleosins in oleogenic seed and mesocarp tissues in olive (Olea europaea) and avocado (Persea americana). *Plant Science*, **1993**, 93, 203-210	5.3	95
67	Differential accumulation of storage products in developing seeds and somatic cell cultures of Daucus carota L.. *Plant Science*, **1993**, 88, 1-11	5.3	19
66	The biotechnological utilisation of oilseeds. *Acta Botanica Gallica*, **1993**, 140, 767-777		2
65	Sub-cellular localization of fatty acid elongase in developing seeds of Lunaria annua and Brassica napus. *Phytochemistry*, **1993**, 32, 255-258	4	30
64	Targeting of oleosins to the oil bodies of oilseed rape (Brassica napus L.). *Planta*, **1993**, 189, 24-9	4.7	49
63	Differential, temporal and spatial expression of genes involved in storage oil and oleosin accumulation in developing rapeseed embryos: implications for the role of oleosins and the mechanisms of oil-body formation. *Plant Molecular Biology*, **1993**, 23, 1015-27	4.6	55

62	Characterization of a new class of oleosins suggests a male gametophyte specific lipid storage pathway. *Plant Journal*, **1993**, 3, 629-636	6.9	25
61	Structure, function and biogenesis of storage lipid bodies and oleosins in plants. *Progress in Lipid Research*, **1993**, 32, 247-80	14.3	212
60	Characterization of a new class of oleosins suggests a male gametophyte-specific lipid storage pathway. *Plant Journal*, **1993**, 3, 629-636	6.9	4
59	Biosynthesis and localisation of storage proteins, oleosins and lipids during seed development in Coriandrum sativum and other Umbelliferae. *Plant Science*, **1992**, 86, 59-70	5.3	24
58	Cloning and characterisation of an oleosin gene from Brassica napus. *Plant Molecular Biology*, **1992**, 19, 443-53	4.6	43
57	cDNA sequence of a sunflower oleosin and transcript tissue specificity. *Plant Molecular Biology*, **1992**, 19, 873-6	4.6	28
56	Nucleotide sequence and temporal regulation of a seed-specific Brassica napus cDNA encoding a stearoyl-acyl carrier protein (ACP) desaturase. *Plant Molecular Biology*, **1992**, 20, 151-5	4.6	51
55	Sequence of an oleosin cDNA from Brassica napus. *Plant Molecular Biology*, **1992**, 19, 1079-83	4.6	20
54	Identification and characterisation of genes and enzymes for the genetic engineering of oilseed crops for production of oils for the oleochemical industry: a review. *Industrial Crops and Products*, **1992**, 1, 251-259	5.9	8
53	Modifying oilseed crops for non-edible products. *Trends in Biotechnology*, **1992**, 10, 84-87	15.1	25
52	A class of amphipathic proteins associated with lipid storage bodies in plants. Possible similarities with animal serum apolipoproteins. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1991**, 1088, 86-94		62
51	Biosynthesis of triacylglycerols containing very long chain monounsaturated acyl moieties in developing seeds. *Plant Physiology*, **1990**, 94, 492-8	6.6	25
50	Lipid-protein interactions in stacked and destacked thylakoid membranes and the influence of phosphorylation and illumination. Spin label ESR studies. *Biochimica Et Biophysica Acta - Biomembranes*, **1990**, 1024, 278-84	3.8	7
49	Inhibition of Neutral Lipase from Castor Bean Lipid Bodies by Coenzyme A (CoA) and Oleoyl-CoA. *Plant Physiology*, **1989**, 89, 1006-10	6.6	16
48	Immunological investigation of lipases in germinating oilseed rape, Brassica napus. *Journal of the Science of Food and Agriculture*, **1989**, 47, 21-31	4.3	13
47	Immunocytochemical and biochemical studies of the mobilisation of storage oil-bodies and proteins in germinating cotyledons of oilseed rape, Brassica napus. *Journal of the Science of Food and Agriculture*, **1989**, 48, 209-223	4.3	15
46	Seed oil-bodies: Isolation, composition and role of oil-body apolipoproteins. *Phytochemistry*, **1989**, 28, 2063-2069	4	47
45	Biosynthesis of Seed Storage Products during Embryogenesis in Rapeseed, Brassica napus. *Journal of Plant Physiology*, **1989**, 135, 63-69	3.6	94

44	Purification and immunogold localisation of the major oil-body membrane protein of oilseed rape. *Plant Science*, **1989**, 60, 47-54	5.3	34
43	Low-resolution epitope characterisation in a family of seed apolipoproteins using polyclonal antibodies. *Lipids and Lipid Metabolism*, **1989**, 1005, 97-102		5
42	An immunologically related family of apolipoproteins associated with triacylglycerol storage in the Cruciferae. *Archives of Biochemistry and Biophysics*, **1989**, 273, 516-26	4.1	8
41	Spin label saturation transfer ESR studies of protein-lipid interactions in Photosystem II-enriched membranes. *Biochimica Et Biophysica Acta - Biomembranes*, **1989**, 987, 187-192	3.8	14
40	Spin-label ESR studies of lipid-protein interactions in thylakoid membranes. *Biochemistry*, **1989**, 28, 7446-52	3.2	53
39	A new class of highly abundant apolipoproteins involved in lipid storage in oilseeds. *Biochemical Society Transactions*, **1989**, 17, 682-683	5.1	6
38	Partial purification and properties of a microsomal lysophosphatidic acid acyltransferase from oilseed rape. *Biochemical Society Transactions*, **1989**, 17, 684-685	5.1	2
37	Are the promoter regions of seed storage protein genes suitable for the expression of genes involved in storage lipid synthesis?. *Biochemical Society Transactions*, **1989**, 17, 685-686	5.1	4
36	Elongases Synthesizing Very Long Chain Monounsaturated Fatty Acids in Developing Oilseeds and Their Solubilization. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **1989**, 44, 629-634	1.7	12
35	The Role of Lipid-Protein Interactions in the Structure and Function of Photosynthetic Membranes **1989**, 399-409		
34	A highly active soluble diacylglycerol synthesizing system from developing rapeseed, Brassica napus L. *Lipids*, **1988**, 23, 157-63	1.6	13
33	Biosynthesis of very long chain monounsaturated fatty acids by subcellular fractions of developing seeds. *FEBS Letters*, **1988**, 230, 101-104	3.8	15
32	Acyltransferases in subcellular fractions of developing seeds of rape (Brassica napus L.). *Lipids*, **1987**, 22, 293-298	1.6	18
31	Plight of British postdocs. *Nature*, **1987**, 325, 478-478	50.4	
30	Mechanisms of Lipid-protein Binding in Photosynthetic Membranes **1987**, 189-191		
29	Lipid-protein interactions in photosynthetic membranes. *Biochemical Society Transactions*, **1986**, 14, 785-786	3.8	1
28	Reconstitution of energy transfer and electron transfer between solubilised pigment-protein complexes from thylakoid membranes. The role of acyl lipids. *Photosynthesis Research*, **1986**, 8, 219-33	3.7	7
27	The molecular organisation of the photosynthetic membranes of higher plants. *BBA - Biomembranes*, **1986**, 864, 33-94		170

26	Differential responses of a range of photosynthetic tissues to a substituted pyridazinone, sandoz 9785. Specific effects on fatty acid desaturation. *Phytochemistry*, **1985**, 24, 1923-1929	4	29
25	The requirements for a steady state in the C3 reductive pentose phosphate pathway of photosynthesis. *Biochimica Et Biophysica Acta - Bioenergetics*, **1985**, 807, 263-271	4.6	11
24	Functional association of a monoacylglycerophosphocholine acyltransferase and the oleoylglycerophosphocholine desaturase in microsomes from developing leaves. *FEBS Journal*, **1984**, 139, 373-9		32
23	Solubilization, purification and kinetic properties of three membrane-bound long-chain acyl-coenzyme-A thioesterases from microsomes of photosynthetic tissue. *FEBS Journal*, **1984**, 142, 43-8		6
22	Oleate metabolism in microsomes from developing leaves ofPisum sativum L. *Planta*, **1984**, 161, 249-54	4.7	13
21	Reconstitution of light-harvesting chlorophyll-protein complexes with Photosystem II complexes in soybean phosphatidylcholine liposomes. *FEBS Letters*, **1984**, 165, 151-155	3.8	18
20	The Role of Acyl Lipids in the Function and Molecular Organisation of Photosynthetic Membranes **1984**, 111-114		
19	Lateral heterogeneity in the distribution of thylakoid membrane lipid and protein components and its implications for the molecular organisation of photosynthetic membranes. *Biochimica Et Biophysica Acta - Bioenergetics*, **1983**, 725, 104-112	4.6	65
18	Solubilisation of oleoyl-CoA thioesterase, oleoyl-CoA: phosphatidylcholine acyltransferase and oleoyl phosphatidylcholine desaturase. *FEBS Letters*, **1983**, 162, 442-446	3.8	17
17	Regulation of photosynthetic carbon metabolism. The effect of inorganic phosphate on stromal sedoheptulose-1,7-bisphosphatase. *FEBS Journal*, **1983**, 132, 121-3		20
16	The importance of non-planar bilayer regions in photosynthetic membranes and their stabilisation by galactolipids. *FEBS Letters*, **1982**, 150, 19-26	3.8	97
15	Acetyl coenzyme A biosynthesis in the chloroplast : What is the physiological precursor?. *Planta*, **1982**, 156, 84-8	4.7	29
14	The properties of transketolase from photosynthetic tissue. *Planta*, **1982**, 155, 316-20	4.7	31
13	Aldolase from wheat leaves—its properties and subcellular distribution. *FEBS Letters*, **1981**, 134, 163-166	3.8	13
12	The origin of chloroplastic acetyl coenzyme A. *Archives of Biochemistry and Biophysics*, **1981**, 212, 730-9	4.1	59
11	Polyunsaturation systems from higher plants. *Methods in Enzymology*, **1981**, 72, 768-73	1.7	1
10	Photosynthesis of Lipids from CO(2) in Spinacia oleracea. *Plant Physiology*, **1981**, 68, 762-5	6.6	23
9	Effect of a substituted pyridazinone, compound BASF 13-338 on membrane lipid synthesis in photosynthetic tissues [proceedings]. *Biochemical Society Transactions*, **1980**, 8, 119-20	5.1	11

8	Inhibition of fatty acid biosynthesis by metronidazole. *Biochemical Society Transactions*, **1980**, 8, 535-6	5.1	1
7	In Vivo Pathway of Oleate and Linoleate Desaturation in Developing Cotyledons of Cucumis sativus L. Seedlings. *Plant Physiology*, **1980**, 66, 666-71	6.6	22
6	Polyunsaturated Fatty Acid Biosynthesis in Cotyledons from Germinating and Developing Cucumis sativus L. Seedlings. *Plant Physiology*, **1980**, 66, 660-5	6.6	16
5	Light-dependent Induction of Polyunsaturated Fatty Acid Biosynthesis in Greening Cucumber Cotyledons. *Plant Physiology*, **1979**, 63, 328-35	6.6	44
4	Elongation Pathway for alpha-Linolenic Acid Synthesis in Spinach Leaves: A Reexamination. *Plant Physiology*, **1979**, 64, 428-30	6.6	14
3	The pathway of [14C]bicarbonate incorporation into lipids in isolated photosynthesising spinach chloroplasts. *FEBS Letters*, **1978**, 88, 192-196	3.8	32
2	Lipid biosynthesis from [14C]bicarbonate, [2(-14)C]pyruvate and [1(-14)C]acetate during photosynthesis by isolated spinach chloroplasts. *FEBS Letters*, **1977**, 77, 164-8	3.8	37
1	Recent Scientific Developments in Genetic Technologies: Implications for Future Regulation of GMOs in Developing Countries13-25		