

Robert T Mullen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5705442/robert-t-mullen-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

120
papers

6,400
citations

46
h-index

77
g-index

124
ext. papers

7,403
ext. citations

6.5
avg, IF

5.7
L-index

#	Paper	IF	Citations
120	Subcellular Localization of Acyl-CoA: Lysophosphatidylethanolamine Acyltransferases (LPEATs) and the Effects of Knocking-Out and Overexpression of Their Genes on Autophagy Markers Level and Life Span of. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
119	EARLY RESPONSIVE TO DEHYDRATION 7 Localizes to Lipid Droplets via Its Senescence Domain. <i>Frontiers in Plant Science</i> , 2021 , 12, 658961	6.2	0
118	LDIP cooperates with SEIPIN and LDAP to facilitate lipid droplet biogenesis in Arabidopsis. <i>Plant Cell</i> , 2021 , 33, 3076-3103	11.6	8
117	Biochemical and molecular characterization of AtPAP17: a dual-localized, low molecular weight Arabidopsis purple acid phosphatase upregulated during phosphate deprivation, senescence, and oxidative stress. <i>Journal of Experimental Botany</i> , 2021 ,	7	2
116	Identification of Low-Abundance Lipid Droplet Proteins in Seeds and Seedlings. <i>Plant Physiology</i> , 2020 , 182, 1326-1345	6.6	20
115	Lipid droplets in plants and algae: Distribution, formation, turnover and function. <i>Seminars in Cell and Developmental Biology</i> , 2020 , 108, 82-93	7.5	23
114	AKIN1, a subunit of SnRK1, regulates organic acid metabolism and acts as a global modulator of genes involved in carbon, lipid, and nitrogen metabolism. <i>Journal of Experimental Botany</i> , 2020 , 71, 10107-10285	7.1028	5
113	SEIPIN Isoforms Interact with the Membrane-Tethering Protein VAP27-1 for Lipid Droplet Formation. <i>Plant Cell</i> , 2020 , 32, 2932-2950	11.6	20
112	Mouse Fat-Specific Protein 27 (FSP27) expressed in plant cells localizes to lipid droplets and promotes lipid droplet accumulation and fusion. <i>Biochimie</i> , 2020 , 169, 41-53	4.6	5
111	Lipid Droplet Peroxisome Connections in Plants. <i>Contact (Thousand Oaks (Ventura County, Calif))</i> , 2020 , 3, 251525642090876	2.6	3
110	The metabolite repair enzyme Nit1 is a dual-targeted amidase that disposes of damaged glutathione in. <i>Biochemical Journal</i> , 2019 , 476, 683-697	3.8	9
109	Mechanisms of lipid droplet biogenesis. <i>Biochemical Journal</i> , 2019 , 476, 1929-1942	3.8	39
108	Genome-wide analysis of Homo sapiens, Arabidopsis thaliana, and Saccharomyces cerevisiae reveals novel attributes of tail-anchored membrane proteins. <i>BMC Genomics</i> , 2019 , 20, 835	4.5	1
107	Metabolic engineering for enhanced oil in biomass. <i>Progress in Lipid Research</i> , 2019 , 74, 103-129	14.3	48
106	Lectin AtGAL1 interacts with high-mannose glycoform of the purple acid phosphatase AtPAP26 secreted by phosphate-starved Arabidopsis. <i>Plant, Cell and Environment</i> , 2019 , 42, 1158-1166	8.4	10
105	An RK/ST C-Terminal Motif is Required for Targeting of OEP7.2 and a Subset of Other Arabidopsis Tail-Anchored Proteins to the Plastid Outer Envelope Membrane. <i>Plant and Cell Physiology</i> , 2019 , 60, 516-537	4.9	7
104	A plastidial pantoate transporter with a potential role in pantothenate synthesis. <i>Biochemical Journal</i> , 2018 , 475, 813-825	3.8	8

103	Response of high leaf-oil Arabidopsis thaliana plant lines to biotic or abiotic stress. <i>Plant Signaling and Behavior</i> , 2018 , 13, e1464361	2.5	10
102	Distinct domains within the NITROGEN LIMITATION ADAPTATION protein mediate its subcellular localization and function in the nitrate-dependent phosphate homeostasis pathway. <i>Botany</i> , 2018 , 96, 79-96	1.3	1
101	New Insights Into Sunflower (L.) FatA and FatB Thioesterases, Their Regulation, Structure and Distribution. <i>Frontiers in Plant Science</i> , 2018 , 9, 1496	6.2	7
100	Engineering the production of conjugated fatty acids in Arabidopsis thaliana leaves. <i>Plant Biotechnology Journal</i> , 2017 , 15, 1010-1023	11.6	21
99	Turning Over a New Leaf in Lipid Droplet Biology. <i>Trends in Plant Science</i> , 2017 , 22, 596-609	13.1	84
98	An Apoplastic β -Glucosidase is Essential for the Degradation of Flavonol 3-O- β -Glucoside-7-O- β -Rhamnosides in Arabidopsis. <i>Plant and Cell Physiology</i> , 2017 , 58, 1030-1047	4.9	10
97	Regulatory Phosphorylation of Bacterial-Type PEP Carboxylase by the Ca-Dependent Protein Kinase RcCDPK1 in Developing Castor Oil Seeds. <i>Plant Physiology</i> , 2017 , 174, 1012-1027	6.6	18
96	Mouse fat storage-inducing transmembrane protein 2 (FIT2) promotes lipid droplet accumulation in plants. <i>Plant Biotechnology Journal</i> , 2017 , 15, 824-836	11.6	21
95	Arabidopsis lipid droplet-associated protein (LDAP) - interacting protein (LDIP) influences lipid droplet size and neutral lipid homeostasis in both leaves and seeds. <i>Plant Journal</i> , 2017 , 92, 1182-1201	6.9	47
94	The RING-Type E3 Ligase XBAT35.2 Is Involved in Cell Death Induction and Pathogen Response. <i>Plant Physiology</i> , 2017 , 175, 1469-1483	6.6	18
93	Ancient Plant Glyoxylate/Succinic Semialdehyde Reductases: GLYR1s Are Cytosolic, Whereas GLYR2s Are Localized to Both Mitochondria and Plastids. <i>Frontiers in Plant Science</i> , 2017 , 8, 601	6.2	10
92	Sunflower HaGPAT9-1 is the predominant GPAT during seed development. <i>Plant Science</i> , 2016 , 252, 42-53	15	
91	The calcium-dependent protein kinase RcCDPK2 phosphorylates sucrose synthase at Ser11 in developing castor oil seeds. <i>Biochemical Journal</i> , 2016 , 473, 3667-3682	3.8	11
90	Lipid Droplet-Associated Proteins (LDAPs) Are Required for the Dynamic Regulation of Neutral Lipid Compartmentation in Plant Cells. <i>Plant Physiology</i> , 2016 , 170, 2052-71	6.6	87
89	Arabidopsis TH2 Encodes the Orphan Enzyme Thiamin Monophosphate Phosphatase. <i>Plant Cell</i> , 2016 , 28, 2683-2696	11.6	30
88	Dedicated Industrial Oilseed Crops as Metabolic Engineering Platforms for Sustainable Industrial Feedstock Production. <i>Scientific Reports</i> , 2016 , 6, 22181	4.9	42
87	FYVE1/FREE1 Interacts with the PYL4 ABA Receptor and Mediates Its Delivery to the Vacuolar Degradation Pathway. <i>Plant Cell</i> , 2016 , 28, 2291-2311	11.6	97
86	Multiple Domains in PEX16 Mediate Its Trafficking and Recruitment of Peroxisomal Proteins to the ER. <i>Traffic</i> , 2015 , 16, 832-52	5.7	29

85	Arabidopsis SEIPIN Proteins Modulate Triacylglycerol Accumulation and Influence Lipid Droplet Proliferation. <i>Plant Cell</i> , 2015 , 27, 2616-36	11.6	96
84	Evidence that glutamine transaminase and omega-amidase potentially act in tandem to close the methionine salvage cycle in bacteria and plants. <i>Phytochemistry</i> , 2015 , 113, 160-9	4	19
83	A unique N-terminal sequence in the Carnation Italian ringspot virus p36 replicase-associated protein interacts with the host cell ESCRT-I component Vps23. <i>Journal of Virology</i> , 2014 , 88, 6329-44	6.6	27
82	Biochemistry of high stearic sunflower, a new source of saturated fats. <i>Progress in Lipid Research</i> , 2014 , 55, 30-42	14.3	22
81	New insights into the targeting of a subset of tail-anchored proteins to the outer mitochondrial membrane. <i>Frontiers in Plant Science</i> , 2014 , 5, 426	6.2	23
80	The calmodulin-like protein CML43 functions as a salicylic-acid-inducible root-specific Ca(2+) sensor in Arabidopsis. <i>Biochemical Journal</i> , 2014 , 457, 127-36	3.8	33
79	Production of a Brassica napus 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	6.6	28
78	Arabidopsis and maize RidA proteins preempt reactive enamine/imine damage to branched-chain amino acid biosynthesis in plastids. <i>Plant Cell</i> , 2014 , 26, 3010-22	11.6	47
77	Sunflower (<i>Helianthus annuus</i>) long-chain acyl-coenzyme A synthetases expressed at high levels in developing seeds. <i>Physiologia Plantarum</i> , 2014 , 150, 363-73	4.6	20
76	Biochemical and molecular characterization of RcSUS1, a cytosolic sucrose synthase phosphorylated in vivo at serine 11 in developing castor oil seeds. <i>Journal of Biological Chemistry</i> , 2014 , 289, 33412-24	5.4	19
75	CGI-58, a key regulator of lipid homeostasis and signaling in plants, also regulates polyamine metabolism. <i>Plant Signaling and Behavior</i> , 2014 , 9, e27723	2.5	9
74	Plants utilize a highly conserved system for repair of NADH and NADPH hydrates. <i>Plant Physiology</i> , 2014 , 165, 52-61	6.6	31
73	Identification of a new class of lipid droplet-associated proteins in plants. <i>Plant Physiology</i> , 2013 , 162, 1926-36	6.6	134
72	Molecular characterization of the fatty alcohol oxidation pathway for wax-ester mobilization in germinated jojoba seeds. <i>Plant Physiology</i> , 2013 , 161, 72-80	6.6	22
71	Commentary: why don't plant leaves get fat?. <i>Plant Science</i> , 2013 , 207, 128-34	5.3	82
70	Catabolism of GABA in apple fruit: Subcellular localization and biochemical characterization of two α -aminobutyrate transaminases. <i>Postharvest Biology and Technology</i> , 2013 , 75, 106-113	6.2	34
69	The α -hydrolase CGI-58 and peroxisomal transport protein PXA1 coregulate lipid homeostasis and signaling in Arabidopsis. <i>Plant Cell</i> , 2013 , 25, 1726-39	11.6	60
68	PEX16: a multifaceted regulator of peroxisome biogenesis. <i>Frontiers in Physiology</i> , 2013 , 4, 241	4.6	23

67	Identification of mitochondrial coenzyme a transporters from maize and Arabidopsis. <i>Plant Physiology</i> , 2013 , 162, 581-8	6.6	26
66	Lipid droplet-associated proteins (LDAPs) are involved in the compartmentalization of lipophilic compounds in plant cells. <i>Plant Signaling and Behavior</i> , 2013 , 8, e27141	2.5	41
65	Glyoxylate reductase isoform 1 is localized in the cytosol and not peroxisomes in plant cells. <i>Journal of Integrative Plant Biology</i> , 2012 , 54, 152-68	8.3	30
64	Bacterial- and plant-type phosphoenolpyruvate carboxylase isozymes from developing castor oil seeds interact in vivo and associate with the surface of mitochondria. <i>Plant Journal</i> , 2012 , 71, 251-62	6.9	33
63	Biogenesis and functions of lipid droplets in plants: Thematic Review Series: Lipid Droplet Synthesis and Metabolism: from Yeast to Man. <i>Journal of Lipid Research</i> , 2012 , 53, 215-26	6.3	250
62	Compartmentation of GABA metabolism raises intriguing questions. <i>Trends in Plant Science</i> , 2012 , 17, 57-9	13.1	106
61	Plant peroxisomes: biogenesis and function. <i>Plant Cell</i> , 2012 , 24, 2279-303	11.6	313
60	Identification of mitochondrial thiamin diphosphate carriers from Arabidopsis and maize. <i>Functional and Integrative Genomics</i> , 2012 , 12, 317-26	3.8	29
59	CGI-58 regulates triacylglycerol metabolism and lipid signaling pathways in plant cells. <i>FASEB Journal</i> , 2012 , 26, 594.3	0.9	
58	Protein-Protein Interaction Network and Subcellular Localization of the Arabidopsis Thaliana ESCRT Machinery. <i>Frontiers in Plant Science</i> , 2011 , 2, 20	6.2	49
57	Hydrophobic-domain-dependent protein-protein interactions mediate the localization of GPAT enzymes to ER subdomains. <i>Traffic</i> , 2011 , 12, 452-72	5.7	43
56	Arabidopsis At2g40730 encodes a cytoplasmic protein involved in nuclear tRNA export. <i>Botany</i> , 2011 , 89, 175-190	1.3	7
55	Tail-anchored membrane proteins: exploring the complex diversity of tail-anchored-protein targeting in plant cells. <i>Plant Cell Reports</i> , 2011 , 30, 137-51	5.1	23
54	Expression of a lipid-inducible, self-regulating form of <i>Yarrowia lipolytica</i> lipase LIP2 in <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2011 , 92, 1207-17	5.7	9
53	Plants, like mammals, but unlike <i>Saccharomyces</i> , do not regulate nuclear-cytoplasmic tRNA trafficking in response to nutrient stress. <i>Plant Signaling and Behavior</i> , 2011 , 6, 1183-8	2.5	3
52	The N termini of Brassica and tung omega-3 fatty acid desaturases mediate proteasome-dependent protein degradation in plant cells. <i>Plant Signaling and Behavior</i> , 2011 , 6, 422-5	2.5	9
51	Meta-analysis of the expression profiles of the Arabidopsis ESCRT machinery. <i>Plant Signaling and Behavior</i> , 2011 , 6, 1897-903	2.5	9
50	Characterization of the Arabidopsis thaliana exocyst complex gene families by phylogenetic, expression profiling, and subcellular localization studies. <i>New Phytologist</i> , 2010 , 185, 401-19	9.8	63

49	Distinct pathways mediate the sorting of tail-anchored proteins to the plastid outer envelope. <i>PLoS ONE</i> , 2010 , 5, e10098	3.7	53
48	Temperature-sensitive post-translational regulation of plant omega-3 fatty-acid desaturases is mediated by the endoplasmic reticulum-associated degradation pathway. <i>Journal of Biological Chemistry</i> , 2010 , 285, 21781-96	5.4	58
47	Disruption of the Arabidopsis CGI-58 homologue produces Chanarin-Dorfman-like lipid droplet accumulation in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 17833-8	11.5	103
46	The dual-targeted purple acid phosphatase isozyme AtPAP26 is essential for efficient acclimation of Arabidopsis to nutritional phosphate deprivation. <i>Plant Physiology</i> , 2010 , 153, 1112-22	6.6	102
45	Subcellular and tissue localization of NAD kinases from Arabidopsis: compartmentalization of de novo NADP biosynthesis. <i>Planta</i> , 2010 , 231, 305-17	4.7	63
44	TEMPERATURE-SENSITIVE, POST-TRANSLATIONAL REGULATION OF PLANT OMEGA-3 FATTY ACID DESATURASES IS MEDIATED BY THE ER-ASSOCIATED DEGRADATION PATHWAY. <i>FASEB Journal</i> , 2010 , 24, 844.1	0.9	
43	Biochemical characterization, mitochondrial localization, expression, and potential functions for an Arabidopsis gamma-aminobutyrate transaminase that utilizes both pyruvate and glyoxylate. <i>Journal of Experimental Botany</i> , 2009 , 60, 1743-57	7	92
42	Subcellular localization and expression of multiple tomato gamma-aminobutyrate transaminases that utilize both pyruvate and glyoxylate. <i>Journal of Experimental Botany</i> , 2009 , 60, 3255-67	7	54
41	Addition of an N-terminal epitope tag significantly increases the activity of plant fatty acid desaturases expressed in yeast cells. <i>Applied Microbiology and Biotechnology</i> , 2009 , 83, 117-25	5.7	11
40	Increased nitrogen-use efficiency in transgenic rice plants over-expressing a nitrogen-responsive early nodulin gene identified from rice expression profiling. <i>Plant, Cell and Environment</i> , 2009 , 32, 1749-60	8.4	112
39	Arabidopsis thaliana GPAT8 and GPAT9 are localized to the ER and possess distinct ER retrieval signals: functional divergence of the dilysine ER retrieval motif in plant cells. <i>Plant Physiology and Biochemistry</i> , 2009 , 47, 867-79	5.4	98
38	Arginase-negative mutants of Arabidopsis exhibit increased nitric oxide signaling in root development. <i>Plant Physiology</i> , 2008 , 147, 1936-46	6.6	137
37	Arabidopsis PEROXIN11c-e, FISSION1b, and DYNAMIN-RELATED PROTEIN3A cooperate in cell cycle-associated replication of peroxisomes. <i>Plant Cell</i> , 2008 , 20, 1567-85	11.6	87
36	Identification and characterization of a plastid-localized Arabidopsis glyoxylate reductase isoform: comparison with a cytosolic isoform and implications for cellular redox homeostasis and aldehyde detoxification. <i>Journal of Experimental Botany</i> , 2008 , 59, 2545-54	7	56
35	Procera is a putative DELLA mutant in tomato (<i>Solanum lycopersicum</i>): effects on the seed and vegetative plant. <i>Journal of Experimental Botany</i> , 2008 , 59, 585-93	7	100
34	Engineering plant oils as high-value industrial feedstocks for biorefining: the need for underpinning cell biology research. <i>Physiologia Plantarum</i> , 2008 , 132, 11-22	4.6	42
33	Localization of the Carnation Italian ringspot virus replication protein p36 to the mitochondrial outer membrane is mediated by an internal targeting signal and the TOM complex. <i>BMC Cell Biology</i> , 2008 , 9, 54		40
32	Engineering oilseeds for sustainable production of industrial and nutritional feedstocks: solving bottlenecks in fatty acid flux. <i>Current Opinion in Plant Biology</i> , 2007 , 10, 236-44	9.9	166

31	The ER-peroxisome connection in plants: development of the "ER semi-autonomous peroxisome maturation and replication" model for plant peroxisome biogenesis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006 , 1763, 1655-68	4.9	74
30	ABI3 expression ceases following, but not during, germination of tomato and Arabidopsis seeds. <i>Journal of Experimental Botany</i> , 2006 , 57, 1291-7	7	38
29	Peroxisome biogenesis: the peroxisomal endomembrane system and the role of the ER. <i>Journal of Cell Biology</i> , 2006 , 174, 11-7	7.3	79
28	The origin and maintenance of mammalian peroxisomes involves a de novo PEX16-dependent pathway from the ER. <i>Journal of Cell Biology</i> , 2006 , 173, 521-32	7.3	258
27	Tung tree DGAT1 and DGAT2 have nonredundant functions in triacylglycerol biosynthesis and are localized to different subdomains of the endoplasmic reticulum. <i>Plant Cell</i> , 2006 , 18, 2294-313	11.6	393
26	Illuminating subcellular structures and dynamics in plants: a fluorescent protein toolbox This review is one of a selection of papers published in the Special Issue on Plant Cell Biology.. <i>Canadian Journal of Botany</i> , 2006 , 84, 515-522		10
25	Cloning, functional analysis, and subcellular localization of two isoforms of NADH:cytochrome b5 reductase from developing seeds of tung (<i>Vernicia fordii</i>). <i>Plant Science</i> , 2005 , 169, 375-385	5.3	19
24	Localization of the tomato bushy stunt virus replication protein p33 reveals a peroxisome-to-endoplasmic reticulum sorting pathway. <i>Plant Cell</i> , 2005 , 17, 3513-31	11.6	210
23	Development and potential of genetically engineered oilseeds. <i>Seed Science Research</i> , 2005 , 15, 255-267	1.3	39
22	Novel targeting signals mediate the sorting of different isoforms of the tail-anchored membrane protein cytochrome b5 to either endoplasmic reticulum or mitochondria. <i>Plant Cell</i> , 2004 , 16, 3002-19	11.6	77
21	Down-regulation of DELLA genes is not essential for germination of tomato, soybean, and Arabidopsis seeds. <i>Plant Physiology</i> , 2004 , 136, 2782-9	6.6	57
20	Membrane-bound fatty acid desaturases are inserted co-translationally into the ER and contain different ER retrieval motifs at their carboxy termini. <i>Plant Journal</i> , 2004 , 37, 156-73	6.9	158
19	Peroxisome dynamics in plant cells: a role for the cytoskeleton. <i>Plant Science</i> , 2003 , 164, 307-315	5.3	28
18	Characterization of the targeting signal of the Arabidopsis 22-kD integral peroxisomal membrane protein. <i>Plant Physiology</i> , 2003 , 133, 813-28	6.6	34
17	ARC1 is an E3 ubiquitin ligase and promotes the ubiquitination of proteins during the rejection of self-incompatible Brassica pollen. <i>Plant Cell</i> , 2003 , 15, 885-98	11.6	251
16	Molecular analysis of a bifunctional fatty acid conjugase/desaturase from tung. Implications for the evolution of plant fatty acid diversity. <i>Plant Physiology</i> , 2002 , 130, 2027-38	6.6	138
15	Identification of a rice RNA- and microtubule-binding protein as the multifunctional protein, a peroxisomal enzyme involved in the beta -oxidation of fatty acids. <i>Journal of Biological Chemistry</i> , 2002 , 277, 2419-29	5.4	31
14	Life in the fast lane: actin-based motility of plant peroxisomes. <i>Canadian Journal of Botany</i> , 2002 , 80, 430-441		47

13	Stable and transient expression of chimeric peroxisomal membrane proteins induces an independent "zippering" of peroxisomes and an endoplasmic reticulum subdomain. <i>Planta</i> , 2001 , 213, 849-63	4.7	30
12	Regulation of loblolly pine (<i>Pinus taeda</i> L.) arginase in developing seedling tissue during germination and post-germinative growth. <i>Plant Molecular Biology</i> , 2001 , 45, 555-65	4.6	32
11	How are peroxisomes formed? The role of the endoplasmic reticulum and peroxins. <i>Trends in Plant Science</i> , 2001 , 6, 256-61	13.1	74
10	Immunocytological localization of two plant fatty acid desaturases in the endoplasmic reticulum. <i>FEBS Letters</i> , 2001 , 494, 44-7	3.8	73
9	Galactosidase is synthesized in tomato seeds during development and is localized in the protein storage vacuoles. <i>Canadian Journal of Botany</i> , 2001 , 79, 1417-1424		5
8	The sorting signals for peroxisomal membrane-bound ascorbate peroxidase are within its C-terminal tail. <i>Journal of Biological Chemistry</i> , 2000 , 275, 16337-44	5.4	83
7	Differential subcellular localization of endogenous and transfected soluble epoxide hydrolase in mammalian cells: evidence for isozyme variants. <i>FEBS Letters</i> , 1999 , 445, 301-5	3.8	13
6	Peroxisomal Membrane Ascorbate Peroxidase Is Sorted to a Membranous Network That Resembles a Subdomain of the Endoplasmic Reticulum. <i>Plant Cell</i> , 1999 , 11, 2167	11.6	
5	Mutational analyses of a type 2 peroxisomal targeting signal that is capable of directing oligomeric protein import into tobacco BY-2 glyoxysomes. <i>Plant Journal</i> , 1998 , 16, 709-20	6.9	61
4	Regulation of two loblolly pine (<i>Pinus taeda</i> L.) isocitrate lyase genes in megagametophytes of mature and stratified seeds and during postgerminative growth. <i>Plant Molecular Biology</i> , 1997 , 33, 593-604	4.6	10
3	Identification of the peroxisomal targeting signal for cottonseed catalase. <i>Plant Journal</i> , 1997 , 12, 313-20	2.9	114
2	Biogenesis and membrane properties of peroxisomes: does the boundary membrane serve and protect?. <i>Trends in Plant Science</i> , 1996 , 1, 389-394	13.1	46
1	Effect of the embryo axis on catalase in the endosperm of germinating castor bean seeds. <i>Plant Science</i> , 1995 , 107, 177-187	5.3	2