

Ruth Welti

List of Publications by Year in descending order

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134
papers

14,121
citations

24978

57
h-index

20900

115
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all docs

136
docs citations

136
times ranked

14242
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific Changes in Arabidopsis thaliana Rosette Lipids during Freezing Can Be Associated with Freezing Tolerance. <i>Metabolites</i> , 2022, 12, 385.	1.3	1
2	Nanoparticles are linked to polar lipids in xylem sap of temperate angiosperm species. <i>Tree Physiology</i> , 2022, , .	1.4	3
3	Lipidomic Analysis of Arabidopsis T-DNA Insertion Lines Leads to Identification and Characterization of C-Terminal Alterations in FATTY ACID DESATURASE 6. <i>Plant and Cell Physiology</i> , 2022, 63, 1193-1204.	1.5	5
4	A Water Extract from <i>Chlorella sorokiniana</i> Cell Walls Stimulates Growth of Bone Marrow Cells and Splenocytes. <i>Nutrients</i> , 2022, 14, 2901.	1.7	1
5	Lipids in xylem sap of woody plants across the angiosperm phylogeny. <i>Plant Journal</i> , 2021, 105, 1477-1494.	2.8	27
6	Fatty Acid Composition by Total Acyl Lipid Collision-Induced Dissociation Time-of-Flight (TAL-CID-TOF) Mass. <i>Methods in Molecular Biology</i> , 2021, 2295, 117-133.	0.4	0
7	The tail of chlorophyll: Fates for phytol. <i>Journal of Biological Chemistry</i> , 2021, 296, 100802.	1.6	6
8	Head-Group Acylation of Chloroplast Membrane Lipids. <i>Molecules</i> , 2021, 26, 1273.	1.7	3
9	Leaf Lipid Alterations in Response to Heat Stress of Arabidopsis thaliana. <i>Plants</i> , 2020, 9, 845.	1.6	36
10	Characteristics and origin of intact polar lipids in soil organic matter. <i>Soil Biology and Biochemistry</i> , 2020, 151, 108045.	4.2	19
11	Comparative Lipidomic Analysis Reveals Heat Stress Responses of Two Soybean Genotypes Differing in Temperature Sensitivity. <i>Plants</i> , 2020, 9, 457.	1.6	28
12	Heat stress elicits remodeling in the anther lipidome of peanut. <i>Scientific Reports</i> , 2020, 10, 22163.	1.6	21
13	A Lipidomic Approach to Identify Cold-Induced Changes in Arabidopsis Membrane Lipid Composition. <i>Methods in Molecular Biology</i> , 2020, 2156, 187-202.	0.4	2
14	Alterations in wheat pollen lipidome during high day and night temperature stress. <i>Plant, Cell and Environment</i> , 2018, 41, 1749-1761.	2.8	72
15	LipidomeDB Data Calculation Environment Has Been Updated to Process Direct-Infusion Multiple Reaction Monitoring Data. <i>Lipids</i> , 2018, 53, 1019-1020.	0.7	6
16	An efficient modified method for plant leaf lipid extraction results in improved recovery of phosphatidic acid. <i>Plant Methods</i> , 2018, 14, 14.	1.9	51
17	Harmonizing lipidomics: NIST interlaboratory comparison exercise for lipidomics using SRM 1950- Metabolites in Frozen Human Plasma. <i>Journal of Lipid Research</i> , 2017, 58, 2275-2288.	2.0	312
18	Comparative Transcriptome and Lipidome Analyses Reveal Molecular Chilling Responses in Chilling-Tolerant Sorghums. <i>Plant Genome</i> , 2017, 10, plantgenome2017.03.0025.	1.6	35

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19	Wheat leaf lipids during heat stress: II. Lipids experiencing coordinated metabolism are detected by analysis of lipid co-occurrence. <i>Plant, Cell and Environment</i> , 2016, 39, 608-617.	2.8	67
20	Wheat leaf lipids during heat stress: I. High day and night temperatures result in major lipid alterations. <i>Plant, Cell and Environment</i> , 2016, 39, 787-803.	2.8	197
21	Bioorthogonal Probes for Imaging Sterols in Cells. <i>ChemBioChem</i> , 2015, 16, 611-617.	1.3	36
22	Introducing the USA Plant, Algae and Microbial Metabolomics Research Coordination Network (PAMM-NET). <i>Metabolomics</i> , 2015, 11, 3-5.	1.4	3
23	Biosynthetic Labeling and Two-Color Imaging of Phospholipids in Cells. <i>ChemBioChem</i> , 2015, 16, 472-476.	1.3	35
24	Patterns of Metabolite Changes Identified from Large-Scale Gene Perturbations in Arabidopsis Using a Genome-Scale Metabolic Network. <i>Plant Physiology</i> , 2015, 167, 1685-1698.	2.3	55
25	Modifications of membrane lipids in response to wounding of <i>Arabidopsis thaliana</i> leaves. <i>Plant Signaling and Behavior</i> , 2015, 10, e1056422.	1.2	20
26	HIV infection induces structural and functional changes in high density lipoproteins. <i>Atherosclerosis</i> , 2015, 243, 19-29.	0.4	27
27	Quantitative profiling and pattern analysis of triacylglycerol species in Arabidopsis seeds by electrospray ionization mass spectrometry. <i>Plant Journal</i> , 2014, 77, 160-172.	2.8	59
28	Endogenous β -glucocerebrosidase activity in Abca12 epidermis elevates ceramide levels after topical lipid application but does not restore barrier function. <i>Journal of Lipid Research</i> , 2014, 55, 493-503.	2.0	6
29	Head-group acylation of monogalactosyldiacylglycerol is a common stress response, and the acyl-galactose acyl composition varies with the plant species and applied stress. <i>Physiologia Plantarum</i> , 2014, 150, 517-528.	2.6	18
30	<i>ALOX12</i> in Human Toxoplasmosis. <i>Infection and Immunity</i> , 2014, 82, 2670-2679.	1.0	28
31	Lipid changes after leaf wounding in <i>Arabidopsis thaliana</i> : expanded lipidomic data form the basis for lipid co-occurrence analysis. <i>Plant Journal</i> , 2014, 80, 728-743.	2.8	90
32	A Lipidomic Approach to Identify Cold-Induced Changes in Arabidopsis Membrane Lipid Composition. <i>Methods in Molecular Biology</i> , 2014, 1166, 199-215.	0.4	9
33	Omega-3 Fatty Acid Supplementation Affects Selected Phospholipids in Peripheral White Blood Cells and in Plasma of Full-Sized and Miniature Mares. <i>Journal of Equine Veterinary Science</i> , 2013, 33, 779-786.	0.4	3
34	Differential changes in galactolipid and phospholipid species in soybean leaves and roots under nitrogen deficiency and after nodulation. <i>Phytochemistry</i> , 2013, 96, 81-91.	1.4	37
35	Arabidopsis phospholipase D1 modulates defense responses to bacterial and fungal pathogens. <i>New Phytologist</i> , 2013, 199, 228-240.	3.5	100
36	Lipidomic Analysis of Plant Membrane Lipids by Direct Infusion Tandem Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2013, 1009, 79-91.	0.4	37

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37	Grape Exosome-like Nanoparticles Induce Intestinal Stem Cells and Protect Mice From DSS-Induced Colitis. <i>Molecular Therapy</i> , 2013, 21, 1345-1357.	3.7	495
38	Patatin-Related Phospholipase pPLAII β Increases Seed Oil Content with Long-Chain Fatty Acids in <i>Arabidopsis thaliana</i> . <i>Plant Physiology</i> , 2013, 162, 39-51.	2.3	52
39	Acyl-Lipid Metabolism. <i>The Arabidopsis Book</i> , 2013, 11, e0161.	0.5	974
40	Lipid Profiles in Wheat Cultivars Resistant and Susceptible to Tan Spot and the Effect of Disease on the Profiles. <i>Phytopathology</i> , 2013, 103, 74-80.	1.1	11
41	Identification of Plasma Lipid Biomarkers for Prostate Cancer by Lipidomics and Bioinformatics. <i>PLoS ONE</i> , 2012, 7, e48889.	1.1	169
42	Direct Infusion Mass Spectrometry of Oxylipin-Containing <i>Arabidopsis</i> Membrane Lipids Reveals Varied Patterns in Different Stress Responses. <i>Plant Physiology</i> , 2012, 158, 324-339.	2.3	81
43	The Patatin-Containing Phospholipase A pPLAII β Modulates Oxylipin Formation and Water Loss in <i>Arabidopsis thaliana</i> . <i>Molecular Plant</i> , 2012, 5, 452-460.	3.9	68
44	<i>Arabidopsis thaliana</i> Membrane Lipid Molecular Species and Their Mass Spectral Analysis. <i>Methods in Molecular Biology</i> , 2012, 918, 179-268.	0.4	15
45	Lipidomic analysis of N-acylphosphatidylethanolamine molecular species in <i>Arabidopsis</i> suggests feedback regulation by N-acylethanolamines. <i>Planta</i> , 2012, 236, 809-824.	1.6	26
46	Metabolomics as a Hypothesis-Generating Functional Genomics Tool for the Annotation of <i>Arabidopsis thaliana</i> Genes of "Unknown Function". <i>Frontiers in Plant Science</i> , 2012, 3, 15.	1.7	82
47	Biochemical and Molecular-Genetic Characterization of SFD1's Involvement in Lipid Metabolism and Defense Signaling. <i>Frontiers in Plant Science</i> , 2012, 3, 26.	1.7	19
48	Levels of <i>Arabidopsis thaliana</i> Leaf Phosphatidic Acids, Phosphatidylserines, and Most Trienoate-Containing Polar Lipid Molecular Species Increase during the Dark Period of the Diurnal Cycle. <i>Frontiers in Plant Science</i> , 2012, 3, 49.	1.7	46
49	Connections between Sphingosine Kinase and Phospholipase D in the Abscisic Acid Signaling Pathway in <i>Arabidopsis</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 8286-8296.	1.6	99
50	Rapid Mobilization of Membrane Lipids in Wheat Leaf Sheaths During Incompatible Interactions with Hessian Fly. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 920-930.	1.4	25
51	Enhanced seed viability and lipid compositional changes during natural ageing by suppressing phospholipase D β in soybean seed. <i>Plant Biotechnology Journal</i> , 2012, 10, 164-173.	4.1	49
52	Steryl Glucoside and Acyl Steryl Glucoside Analysis of <i>Arabidopsis</i> Seeds by Electrospray Ionization Tandem Mass Spectrometry. <i>Lipids</i> , 2012, 47, 185-193.	0.7	39
53	TLR9 is dispensable for intestinal ischemia/reperfusion-induced tissue damage. <i>American Journal of Clinical and Experimental Immunology</i> , 2012, 1, 124-135.	0.2	7
54	Lipidomics of <i>Candida albicans</i> biofilms reveals phase-dependent production of phospholipid molecular classes and role for lipid rafts in biofilm formation. <i>Microbiology (United Kingdom)</i> , 2011, 157, 3232-3242.	0.7	101

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55	Phospholipid and triacylglycerol profiles modified by <i>PLD</i> suppression in soybean seed. <i>Plant Biotechnology Journal</i> , 2011, 9, 359-372.	4.1	54
56	LipidomeDB Data Calculation Environment: Online Processing of Direct-Infusion Mass Spectral Data for Lipid Profiles. <i>Lipids</i> , 2011, 46, 879-884.	0.7	49
57	Patatin-Related Phospholipase pLAI ² -Induced Changes in Lipid Metabolism Alter Cellulose Content and Cell Elongation in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2011, 23, 1107-1123.	3.1	94
58	Overexpression of Sinapine Esterase BnSCE3 in Oilseed Rape Seeds Triggers Global Changes in Seed Metabolism. <i>Plant Physiology</i> , 2011, 155, 1127-1145.	2.3	42
59	Analysis of Common and Specific Mechanisms of Liver Function Affected by Nitrotoluene Compounds. <i>PLoS ONE</i> , 2011, 6, e14662.	1.1	33
60	Suppression of Phospholipase D ³ s Confers Increased Aluminum Resistance in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2011, 6, e28086.	1.1	45
61	Changes in N-acyl ethanolamine Pathway Related Metabolites in a Rat Model of Cerebral Ischemia/Reperfusion. <i>Journal of Glycomics & Lipidomics</i> , 2011, 1, .	0.4	6
62	Lipid Profiling Reveals Tissue-Specific Differences for Ethanolamide Lipids in Mice Lacking Fatty Acid Amide Hydrolase. <i>Lipids</i> , 2010, 45, 863-875.	0.7	34
63	Quantitative analysis of major plant hormones in crude plant extracts by high-performance liquid chromatography-mass spectrometry. <i>Nature Protocols</i> , 2010, 5, 986-992.	5.5	792
64	Nonspecific Phospholipase C NPC4 Promotes Responses to Abscisic Acid and Tolerance to Hyperosmotic Stress in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2010, 22, 2642-2659.	3.1	150
65	Overexpression of <i>Arabidopsis</i> Acyl-CoA Binding Protein ACBP3 Promotes Starvation-Induced and Age-Dependent Leaf Senescence. <i>Plant Cell</i> , 2010, 22, 1463-1482.	3.1	225
66	Polar Lipids from Oat Kernels. <i>Cereal Chemistry</i> , 2010, 87, 467-474.	1.1	26
67	Phospholipidome of <i>Candida</i> : Each Species of <i>Candida</i> Has Distinctive Phospholipid Molecular Species. <i>OMICS A Journal of Integrative Biology</i> , 2010, 14, 665-677.	1.0	46
68	Weight Loss via Exercise with Controlled Dietary Intake May Affect Phospholipid Profile for Cancer Prevention in Murine Skin Tissues. <i>Cancer Prevention Research</i> , 2010, 3, 466-477.	0.7	19
69	Intestinal lipid alterations occur prior to antibody-induced prostaglandin E2 production in a mouse model of ischemia/reperfusion. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 517-525.	1.2	15
70	Acyl-Lipid Metabolism. <i>The Arabidopsis Book</i> , 2010, 8, e0133.	0.5	287
71	PlantMetabolomics.org: A Web Portal for Plant Metabolomics Experiments. <i>Plant Physiology</i> , 2010, 152, 1807-1816.	2.3	93
72	Metabolic labeling and direct imaging of choline phospholipids in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15332-15337.	3.3	202

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73	Phospholipase D1 and Phosphatidic Acid Regulate NADPH Oxidase Activity and Production of Reactive Oxygen Species in ABA-Mediated Stomatal Closure in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2009, 21, 2357-2377.	3.1	517
74	Phospholipase D2 and phosphatidic acid enhance <i>Arabidopsis</i> nitrogen signaling and growth. <i>Plant Journal</i> , 2009, 58, 376-387.	2.8	160
75	Membrane Lipid Composition and Heat Tolerance in Cool-season Turfgrasses, including a Hybrid Bluegrass. <i>Journal of the American Society for Horticultural Science</i> , 2009, 134, 511-520.	0.5	55
76	Plastid 3-oxo-fatty acid desaturase-dependent accumulation of a systemic acquired resistance inducing activity in petiole exudates of <i>Arabidopsis thaliana</i> is independent of jasmonic acid. <i>Plant Journal</i> , 2008, 54, 106-117.	2.8	148
77	The Identification of Mono-, Di-, Tri-, and Tetragalactosyl-diacylglycerols and their Natural Estolides in Oat Kernels. <i>Lipids</i> , 2008, 43, 533-548.	0.7	67
78	Simultaneous quantification of major phytohormones and related compounds in crude plant extracts by liquid chromatography-electrospray tandem mass spectrometry. <i>Phytochemistry</i> , 2008, 69, 1773-1781.	1.4	262
79	Phospholipase D3 Is Involved in the Hyperosmotic Response in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2008, 20, 803-816.	3.1	162
80	Differential Degradation of Extrplastidic and Plastidic Lipids during Freezing and Post-freezing Recovery in <i>Arabidopsis thaliana</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 461-468.	1.6	139
81	ABCA12 Maintains the Epidermal Lipid Permeability Barrier by Facilitating Formation of Ceramide Linoleic Esters. <i>Journal of Biological Chemistry</i> , 2008, 283, 36624-36635.	1.6	89
82	The effect of phospholipase D3 in <i>Arabidopsis</i> response to hyperosmotic stress and glucose. <i>Plant Signaling and Behavior</i> , 2008, 3, 1099-1100.	1.2	17
83	Subcellular localization and dynamics of a digalactolipid-like epitope in <i>Toxoplasma gondii</i> . <i>Journal of Lipid Research</i> , 2008, 49, 746-762.	2.0	27
84	Tocopherols Modulate Extrplastidic Polyunsaturated Fatty Acid Metabolism in <i>Arabidopsis</i> at Low Temperature. <i>Plant Cell</i> , 2008, 20, 452-470.	3.1	115
85	Channeling of Eukaryotic Diacylglycerol into the Biosynthesis of Plastidial Phosphatidylglycerol. <i>Journal of Biological Chemistry</i> , 2007, 282, 4613-4625.	1.6	33
86	AtPLAI Is an Acyl Hydrolase Involved in Basal Jasmonic Acid Production and <i>Arabidopsis</i> Resistance to <i>Botrytis cinerea</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 18116-18128.	1.6	123
87	ABCA3 inactivation in mice causes respiratory failure, loss of pulmonary surfactant, and depletion of lung phosphatidylglycerol. <i>Journal of Lipid Research</i> , 2007, 48, 621-632.	2.0	150
88	Lipidomics reveals that adiposomes store ether lipids and mediate phospholipid traffic. <i>Journal of Lipid Research</i> , 2007, 48, 837-847.	2.0	397
89	Lipidomic Analysis of <i>Toxoplasma gondii</i> Reveals Unusual Polar Lipids. <i>Biochemistry</i> , 2007, 46, 13882-13890.	1.2	70
90	Rapid characterization of the fatty acyl composition of complex lipids by collision-induced dissociation time-of-flight mass spectrometry. <i>Journal of Lipid Research</i> , 2007, 48, 235-241.	2.0	23

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91	Electrospray ionization multiple stage quadrupole ion-trap and tandem quadrupole mass spectrometric studies on phosphatidylglycerol from arabidopsis leaves. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 783-790.	1.2	47
92	Enhancing seed quality and viability by suppressing phospholipase D in Arabidopsis. <i>Plant Journal</i> , 2007, 50, 950-957.	2.8	109
93	New Mass-Spectrometry-Based Strategies For Lipids. , 2007, 28, 129-157.		31
94	Lipidomics: ESI-MS/MS-Based Profiling to Determine the Function of Genes Involved in Metabolism of Complex Lipids. , 2007, , 87-92.		2
95	Plant lipidomics: Discerning biological function by profiling plant complex lipids using mass spectrometry. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 2494.	3.0	140
96	Signaling functions of phosphatidic acid. <i>Progress in Lipid Research</i> , 2006, 45, 250-278.	5.3	647
97	Profiling lipid changes in plant response to low temperatures. <i>Physiologia Plantarum</i> , 2006, 126, 90-96.	2.6	147
98	Quantitative profiling of polar glycerolipid species from organs of wild-type Arabidopsis and a PHOSPHOLIPASE D1±1 knockout mutant. <i>Phytochemistry</i> , 2006, 67, 1907-1924.	1.4	270
99	Double Knockouts of Phospholipases D1±1 and D1±2 in Arabidopsis Affect Root Elongation during Phosphate-Limited Growth But Do Not Affect Root Hair Patterning. <i>Plant Physiology</i> , 2006, 140, 761-770.	2.3	193
100	Quantitative Profiling of Arabidopsis Polar Glycerolipids in Response to Phosphorus Starvation. Roles of Phospholipases D1±1 and D1±2 in Phosphatidylcholine Hydrolysis and Digalactosyldiacylglycerol Accumulation in Phosphorus-Starved Plants. <i>Plant Physiology</i> , 2006, 142, 750-761.	2.3	226
101	Wounding Stimulates the Accumulation of Glycerolipids Containing Oxophytodienoic Acid and Dinor-Oxophytodienoic Acid in Arabidopsis Leaves. <i>Plant Physiology</i> , 2006, 142, 28-39.	2.3	202
102	Phytochemical phenolics in organically grown vegetables. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 1136-1142.	1.5	157
103	Identification and quantification of glycerolipids in cotton fibers: Reconciliation with metabolic pathway predictions from DNA databases. <i>Lipids</i> , 2005, 40, 773-785.	0.7	71
104	High-Throughput Lipid Profiling to Identify and Characterize Genes Involved in Lipid Metabolism, Signaling, and Stress Response. , 2005, , 307-322.		1
105	The Arabidopsis thaliana Dihydroxyacetone Phosphate Reductase Gene SUPPRESSOR OF FATTY ACID DESATURASE DEFICIENCY1 Is Required for Glycerolipid Metabolism and for the Activation of Systemic Acquired Resistance[W]. <i>Plant Cell</i> , 2004, 16, 465-477.	3.1	175
106	The plasma membraneâ€‘bound phospholipase D1± enhances freezing tolerance in Arabidopsis thaliana. <i>Nature Biotechnology</i> , 2004, 22, 427-433.	9.4	310
107	Lipid species profiling: a high-throughput approach to identify lipid compositional changes and determine the function of genes involved in lipid metabolism and signaling. <i>Current Opinion in Plant Biology</i> , 2004, 7, 337-344.	3.5	197
108	Biosynthesis of Very-Long-Chain Polyunsaturated Fatty Acids in Transgenic Oilseeds: Constraints on Their Accumulationwâ€‘fz. <i>Plant Cell</i> , 2004, 16, 2734-2748.	3.1	284

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109	Electrospray ionization tandem mass spectrometry scan modes for plant chloroplast lipids. <i>Analytical Biochemistry</i> , 2003, 314, 149-152.	1.1	126
110	Potato tuber phospholipids contain colneleic acid in the 2-position. <i>FEBS Letters</i> , 2003, 538, 155-158.	1.3	20
111	Lipid and oxylipin profiles during aging and sprout development in potato tubers (<i>Solanum tuberosum</i>) Tj ETQq1 1 0,784314,rgBT /Ov	1.2	22
112	The Oleate-Stimulated Phospholipase D, PLD \hat{A} , and Phosphatidic Acid Decrease H ₂ O ₂ -Induced Cell Death in Arabidopsis. <i>Plant Cell</i> , 2003, 15, 2285-2295.	3.1	251
113	Arabidopsis sfd Mutants Affect Plastidic Lipid Composition and Suppress Dwarfing, Cell Death, and the Enhanced Disease Resistance Phenotypes Resulting from the Deficiency of a Fatty Acid Desaturase. <i>Plant Cell</i> , 2003, 15, 2383-2398.	3.1	96
114	Two Novel Types of Arabidopsis Phospholipase D. , 2003, , 259-262.		0
115	Profiling Membrane Lipids in Plant Stress Responses. <i>Journal of Biological Chemistry</i> , 2002, 277, 31994-32002.	1.6	946
116	Networking of phospholipases in plant signal transduction. <i>Physiologia Plantarum</i> , 2002, 115, 331-335.	2.6	43
117	In vivo substrates and the contribution of the common phospholipase D, PLD $\hat{I}\pm$, to wound-induced metabolism of lipids in Arabidopsis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2001, 1530, 236-248.	1.2	63
118	Involvement of Phospholipase D in Wound-Induced Accumulation of Jasmonic Acid in Arabidopsis. <i>Plant Cell</i> , 2000, 12, 2237-2246.	3.1	260
119	Involvement of Phospholipase D in Wound-Induced Accumulation of Jasmonic Acid in Arabidopsis. <i>Plant Cell</i> , 2000, 12, 2237.	3.1	21
120	Membrane penetration depth and lipid phase preference of acyl-labeled dansyl phosphatidylcholines in phosphatidylcholine vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997, 1328, 48-54.	1.4	12
121	Lipid domains in model and biological membranes. <i>Chemistry and Physics of Lipids</i> , 1994, 73, 121-137.	1.5	208
122	A Comparative Study of Lipid Compositions of <i>Cryptosporidium parvum</i> (Apicomplexa) and Madin-Darby Bovine Kidney Cells. <i>Journal of Eukaryotic Microbiology</i> , 1994, 41, 8-12.	0.8	31
123	Arrangement of phosphatidylethanolamine molecular species in <i>Escherichia coli</i> membranes and reconstituted lipids as determined by dimethyl suberimidate cross-linking of nearest neighbor lipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1994, 1190, 91-98.	1.4	5
124	Phase behavior and arrangement of molecular species in mixtures of a mixed chain and a symmetric phosphatidylethanolamine in the gel and fluid phases. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1149, 292-298.	1.4	4
125	Synthesis and characterization of N-parinaroyl analogs of ganglioside GM3 and de-N-acetyl GM3. Interactions with the EGF receptor kinase. <i>Biochemistry</i> , 1993, 32, 8602-8607.	1.2	10
126	Lipid arrangement in fluid model membranes: Analysis by cross-linking of phosphatidylethanolamines. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1991, 1063, 242-246.	1.4	8

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127	Partition of parinaroylphosphatidylethanolamines and parinaroylphosphatidylglycerols in immiscible phospholipid mixtures. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1023, 383-388.	1.4	8
128	Analysis of dimeric species derived from the reaction of phosphatidylethanolamine with dimethylsuberimidate. <i>Chemistry and Physics of Lipids</i> , 1989, 51, 39-46.	1.5	4
129	Thermotropic behavior of mixtures of glycosphingolipids and phosphatidylcholine: effect of monovalent cations on sulfatide and galactosylceramide. <i>Biochemistry</i> , 1989, 28, 26-31.	1.2	19
130	Cross-linking of phosphatidylethanolamine neighbors with dimethylsuberimidate is sensitive to the lipid phase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1989, 986, 217-224.	1.4	5
131	General kinetic model for protein-mediated phospholipid transfer between membranes. <i>Archives of Biochemistry and Biophysics</i> , 1988, 266, 299-312.	1.4	12
132	Partition of amphiphilic molecules into phospholipid vesicles and human erythrocyte ghosts: measurements by ultraviolet difference spectroscopy. <i>Biochemistry</i> , 1984, 23, 6086-6091.	1.2	92
133	Partition of parinaroyl phospholipids in mixed head group systems. <i>Biochemistry</i> , 1982, 21, 5690-5693.	1.2	19
134	Partition of parinaroyl phospholipid probes between solid and fluid phosphatidylcholine phases. <i>Biochemistry</i> , 1982, 21, 5685-5689.	1.2	46