Ziqiang Guan

List of Publications by Year
in descending order

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131 papers	7,000 citations	71102 41 h-index	66911 78 g-index
139 all docs	139 docs citations	139 times ranked	9754 citing authors

#	Article	IF	Citations
1	Lipidomics reveals a remarkable diversity of lipids in human plasma. Journal of Lipid Research, 2010, 51, 3299-3305.	4.2	1,071
2	Biomarkers of NAFLD progression: a lipidomics approach to an epidemic. Journal of Lipid Research, 2015, 56, 722-736.	4.2	264
3	A Mouse Macrophage Lipidome. Journal of Biological Chemistry, 2010, 285, 39976-39985.	3.4	260
4	Gaseous Conformational Structures of Cytochromec. Journal of the American Chemical Society, 1998, 120, 4732-4740.	13.7	255
5	SRD5A3 Is Required for Converting Polyprenol to Dolichol and Is Mutated in a Congenital Glycosylation Disorder. Cell, 2010, 142, 203-217.	28.9	253
6	Discovery of a cardiolipin synthase utilizing phosphatidylethanolamine and phosphatidylglycerol as substrates. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16504-16509.	7.1	195
7	Crystal Structure of MraY, an Essential Membrane Enzyme for Bacterial Cell Wall Synthesis. Science, 2013, 341, 1012-1016.	12.6	194
8	Modulation of human nuclear receptor LRH-1 activity by phospholipids and SHP. Nature Structural and Molecular Biology, 2005, 12, 357-363.	8.2	189
9	Subcellular organelle lipidomics in TLR-4-activated macrophages. Journal of Lipid Research, 2010, 51, 2785-2797.	4.2	180
10	Mitochondrial Phosphatase PTPMT1 Is Essential for Cardiolipin Biosynthesis. Cell Metabolism, 2011, 13, 690-700.	16.2	176
11	An Undecaprenyl Phosphate-Aminoarabinose Flippase Required for Polymyxin Resistance in Escherichia coli. Journal of Biological Chemistry, 2007, 282, 36077-36089.	3.4	138
12	Solution structure of the Set2-Rpb1 interacting domain of human Set2 and its interaction with the hyperphosphorylated C-terminal domain of Rpb1. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17636-17641.	7.1	122
13	Attenuated virulence of aFrancisellamutant lacking the lipid A 4â€²-phosphatase. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4136-4141.	7.1	120
14	Detection and characterization of methionine oxidation in peptides by collision-induced dissociation and electron capture dissociation. Journal of the American Society for Mass Spectrometry, 2003, 14, 605-613.	2.8	109
15	MESH1 is a cytosolic NADPH phosphatase that regulates ferroptosis. Nature Metabolism, 2020, 2, 270-277.	11.9	106
16	Mutation of Nogo-B Receptor, a Subunit of cis-Prenyltransferase, Causes a Congenital Disorder of Glycosylation. Cell Metabolism, 2014, 20, 448-457.	16.2	104
17	Reduced Chlorhexidine and Daptomycin Susceptibility in Vancomycin-Resistant Enterococcus faecium after Serial Chlorhexidine Exposure. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	95
18	The Lipid Lysyl-Phosphatidylglycerol Is Present in Membranes of Rhizobium tropici CIAT899 and Confers Increased Resistance to Polymyxin B Under Acidic Growth Conditions. Molecular Plant-Microbe Interactions, 2007, 20, 1421-1430.	2.6	94

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19	Sinorhizobium meliloti phospholipase C required for lipid remodeling during phosphorus limitation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 302-307.	7.1	92
20	Plasticity of lipid-protein interactions in the function and topogenesis of the membrane protein lactose permease from Escherichia coli. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15057-15062.	7.1	91
21	Three Phosphatidylglycerol-phosphate Phosphatases in the Inner Membrane of Escherichia coli. Journal of Biological Chemistry, 2011, 286, 5506-5518.	3.4	89
22	Phospholipid distribution in the cytoplasmic membrane of Gram-negative bacteria is highly asymmetric, dynamic, and cell shape-dependent. Science Advances, 2020, 6, eaaz6333.	10.3	81
23	Protein glycosylation as an adaptive response in Archaea: growth at different salt concentrations leads to alterations in Haloferax volcanii Sâ€layer glycoprotein Nâ€glycosylation. Environmental Microbiology, 2012, 14, 743-753.	3.8	79
24	Distinct glycanâ€charged phosphodolichol carriers are required for the assembly of the pentasaccharide Nâ€linked to the Haloferax volcanii Sâ€layer glycoprotein. Molecular Microbiology, 2010, 78, 1294-1303.	2.5	75
25	Outer Membrane Vesiculation Facilitates Surface Exchange and InÂVivo Adaptation of Vibrio cholerae. Cell Host and Microbe, 2020, 27, 225-237.e8.	11.0	73
26	Hydroxylated ornithine lipids increase stress tolerance in Rhizobium tropici CIAT899. Molecular Microbiology, 2011, 79, 1496-1514.	2.5	71
27	Methionine metabolism is essential for <scp>SIRT</scp> 1â€regulated mouse embryonic stem cell maintenance and embryonic development. EMBO Journal, 2017, 36, 3175-3193.	7.8	71
28	Two Distinct N-Glycosylation Pathways Process the Haloferax volcanii S-Layer Glycoprotein upon Changes in Environmental Salinity. MBio, 2013, 4, e00716-13.	4.1	69
29	Identification of N-Acylphosphatidylserine Molecules in Eukaryotic Cells. Biochemistry, 2007, 46, 14500-14513.	2.5	65
30	Structural basis of NPR1 in activating plant immunity. Nature, 2022, 605, 561-566.	27.8	64
31	Remodelling of the Vibrio cholerae membrane by incorporation of exogenous fatty acids from host and aquatic environments. Molecular Microbiology, 2011, 79, 716-728.	2.5	63
32	AglJ Adds the First Sugar of the N-Linked Pentasaccharide Decorating the Haloferax volcanii S-Layer Glycoprotein. Journal of Bacteriology, 2010, 192, 5572-5579.	2.2	57
33	Mutants Resistant to LpxC Inhibitors by Rebalancing Cellular Homeostasis*. Journal of Biological Chemistry, 2013, 288, 5475-5486.	3.4	56
34	Identification of Undecaprenyl Phosphate-Î²-<scp>d</scp>-Galactosamine in Francisella novicida and Its Function in Lipid A Modification. Biochemistry, 2009, 48, 1162-1172.	2.5	55
35	Visualizing conformation transitions of the Lipid II flippase MurJ. Nature Communications, 2019, 10, 1736.	12.8	51
36	Application of Proteomic Marker Ensembles to Subcellular Organelle Identification. Molecular and Cellular Proteomics, 2010, 9, 388-402.	3.8	49

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37	Pathway for lipid A biosynthesis in Arabidopsis thaliana resembling that of Escherichia coli. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11387-11392.	7.1	48
38	In Vivo and in Vitro Synthesis of Phosphatidylglycerol by an Escherichia coli Cardiolipin Synthase. Journal of Biological Chemistry, 2016, 291, 25144-25153.	3.4	47
39	Solvation of acylium fragment ions in electrospray ionization quadrupole ion trap and Fourier transform ion cyclotron resonance mass spectrometry. Journal of Mass Spectrometry, 2001, 36, 264-276.	1.6	45
40	A Eukaryote-like Cardiolipin Synthase Is Present in Streptomyces coelicolor and in Most Actinobacteria. Journal of Biological Chemistry, 2009, 284, 17383-17390.	3.4	45
41	Remeasurement of electrosprayed proteins in the trapped ion cell of a Fourier transform ion cyclotron resonance mass spectrometer. Analytical Chemistry, 1993, 65, 1588-1593.	6.5	44
42	Discovery of a bifunctional acyltransferase responsible for ornithine lipid synthesis in <scp>S</scp>erratia proteamaculans. Environmental Microbiology, 2015, 17, 1487-1496.	3.8	44
43	Extraction and identification by mass spectrometry of undecaprenyl diphosphate-MurNAc-pentapeptide-GlcNAc from Escherichia coli. Analytical Biochemistry, 2005, 345, 336-339.	2.4	43
44	Diversity in prokaryotic glycosylation: an archaealâ€derived Nâ€linked glycan contains legionaminic acid. Molecular Microbiology, 2012, 84, 578-593.	2.5	42
45	Different routes to the same ending: comparing the Nâ€glycosylation processes of Haloferax volcanii and Haloarcula marismortui, two halophilic archaea from the Dead Sea. Molecular Microbiology, 2011, 81, 1166-1177.	2.5	40
46	Identification of Self-lipids Presented by CD1c and CD1d Proteins. Journal of Biological Chemistry, 2011, 286, 37692-37701.	3.4	38
47	Convergent evolution of bacterial ceramide synthesis. Nature Chemical Biology, 2022, 18, 305-312.	8.0	36
48	Identification and localization of the fatty acid modification in ghrelin by electron capture dissociation. Journal of the American Society for Mass Spectrometry, 2002, 13, 1443-1447.	2.8	35
49	Analysis of Ubiquinones, Dolichols, and Dolichol Diphosphateâ€Oligosaccharides by Liquid Chromatographyâ€Electrospray Ionizationâ€Mass Spectrometry. Methods in Enzymology, 2007, 432, 117-143.	1.0	35
50	Ng <scp>BR</scp> is essential for endothelial cell glycosylation and vascular development. EMBO Reports, 2016, 17, 167-177.	4.5	35
51	Streptococcus mitis and S. oralis Lack a Requirement for CdsA, the Enzyme Required for Synthesis of Major Membrane Phospholipids in Bacteria. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	34
52	Structural basis for inhibition and regulation of a chitin synthase from Candida albicans. Nature Structural and Molecular Biology, 2022, 29, 653-664.	8.2	34
53	Electron capture dissociation mass spectrometry in characterization of post-translational modifications. Biochemical and Biophysical Research Communications, 2005, 334, 1-8.	2.1	33
54	Substrate Promiscuity: AglB, the Archaeal Oligosaccharyltransferase, Can Process a Variety of Lipid-Linked Glycans. Applied and Environmental Microbiology, 2014, 80, 486-496.	3.1	33

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55	Structure of the polyisoprenyl-phosphate glycosyltransferase GtrB and insights into the mechanism of catalysis. Nature Communications, 2016, 7, 10175.	12.8	33
56	Clostridium difficile contains plasmalogen species of phospholipids and glycolipids. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 1353-1359.	2.4	32
57	Identification and quantification of dolichol and dolichoic acid in neuromelanin from substantia nigra of the human brain. Journal of Lipid Research, 2007, 48, 1457-1462.	4.2	31
58	Substrate Selectivity of Lysophospholipid Transporter LplT Involved in Membrane Phospholipid Remodeling in Escherichia coli. Journal of Biological Chemistry, 2016, 291, 2136-2149.	3.4	31
59	The phospholipid-repair system LplT/Aas in Gram-negative bacteria protects the bacterial membrane envelope from host phospholipase A2 attack. Journal of Biological Chemistry, 2018, 293, 3386-3398.	3.4	31
60	A phosphoethanolamine-modified glycosyl diradylglycerol in the polar lipids of Clostridium tetani. Journal of Lipid Research, 2010, 51, 1953-1961.	4.2	30
61	The thermoacidophilic archaeon Sulfolobus acidocaldarius contains an unsually short, highly reduced dolichyl phosphate. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 607-616.	2.4	30
62	Agrobacteria lacking ornithine lipids induce more rapid tumour formation. Environmental Microbiology, 2013, 15, 895-906.	3.8	30
63	The Outer Surface Lipoprotein VolA Mediates Utilization of Exogenous Lipids by Vibrio cholerae. MBio, 2013, 4, e00305-13.	4.1	30
64	Nonsyndromic Retinitis Pigmentosa in the Ashkenazi Jewish Population. Ophthalmology, 2018, 125, 725-734.	5.2	30
65	Aberrant dolichol chain lengths as biomarkers for retinitis pigmentosa caused by impaired dolichol biosynthesis. Journal of Lipid Research, 2013, 54, 3516-3522.	4.2	28
66	Discovering novel brain lipids by liquid chromatography/tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 2814-2821.	2.3	27
67	Structural characterization of the polar lipids of Clostridium novyi NT. Further evidence for a novel anaerobic biosynthetic pathway to plasmalogens. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 186-193.	2.4	27
68	Phosphatidylcholine Biosynthesis in Mitis Group Streptococci via Host Metabolite Scavenging. Journal of Bacteriology, 2019, 201, .	2.2	26
69	Caulobacter crescentus Adapts to Phosphate Starvation by Synthesizing Anionic Glycoglycerolipids and a Novel Glycosphingolipid. MBio, 2019, 10, .	4.1	25
70	Expression Cloning of Three Rhizobium leguminosarum Lipopolysaccharide Core Galacturonosyltransferases. Journal of Biological Chemistry, 2006, 281, 12865-12878.	3.4	23
71	Liquid chromatography/tandem mass spectrometry of dolichols and polyprenols, lipid sugar carriers across evolution. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 800-806.	2.4	23
72	N-Linked Glycans Are Assembled on Highly Reduced Dolichol Phosphate Carriers in the Hyperthermophilic Archaea Pyrococcus furiosus. PLoS ONE, 2015, 10, e0130482.	2.5	23

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73	Molecular characterization of the cis-prenyltransferase of Giardia lamblia. Glycobiology, 2010, 20, 824-832.	2.5	22
74	Glycoâ€engineering in Archaea: differential Nâ€glycosylation of the Sâ€layer glycoprotein in a transformed Haloferax volcanii strain. Microbial Biotechnology, 2011, 4, 461-470.	4.2	22
75	The polar lipids of Clostridium psychrophilum, an anaerobic psychrophile. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 1108-1112.	2.4	22
76	Lipid sugar carriers at the extremes: The phosphodolichols Archaea use in N-glycosylation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 589-599.	2.4	22
77	Phosphorylation Analysis of G Protein-Coupled Receptor by Mass Spectrometry: Identification of a Phosphorylation Site in V2 Vasopressin Receptor. Analytical Chemistry, 2008, 80, 6034-6037.	6.5	21
78	Selective generation of charge-cependent/independent ion energy distributions from a heated capillary electrospray source. Journal of the American Society for Mass Spectrometry, 1994, 5, 221-229.	2.8	19
79	Discovery of the Elusive UDP-Diacylglucosamine Hydrolase in the Lipid A Biosynthetic Pathway in Chlamydia trachomatis. MBio, 2016, 7, e00090.	4.1	19
80	Nâ€glycosylation in the thermoacidophilic archaeon Sulfolobus acidocaldarius involves a short dolichol pyrophosphate carrier. FEBS Letters, 2016, 590, 3168-3178.	2.8	19
81	Human UDP-galactose 4â€²-epimerase (GALE) is required for cell-surface glycome structure and function. Journal of Biological Chemistry, 2020, 295, 1225-1239.	3.4	19
82	Cell Geometry Considerations for the Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Remeasurement Experiment. Analytical Chemistry, 1995, 67, 420-425.	6.5	18
83	Long-Chain Polyprenols Promote Spore Wall Formation in Saccharomyces cerevisiae. Genetics, 2017, 207, 1371-1386.	2.9	18
84	Identifying a novel connection between the fungal plasma membrane and pHâ€sensing. Molecular Microbiology, 2018, 109, 474-493.	2.5	18
85	Lipid diversity among botulinum neurotoxin-producing clostridia. Microbiology (United Kingdom), 2012, 158, 2577-2584.	1.8	17
86	The cellular lipids of Romboutsia. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 1076-1082.	2.4	15
87	Remeasurement at high resolving power in fourier transform ion cyclotron resonance mass spectrometry. Journal of the American Society for Mass Spectrometry, 1995, 6, 564-570.	2.8	13
88	Knowns and unknowns of membrane lipid synthesis in streptomycetes. Biochimie, 2017, 141, 21-29.	2.6	13
89	Dolichyl-Phosphate-Glucose Is Used To Make O-Glycans on Glycoproteins of Trichomonas vaginalis. Eukaryotic Cell, 2008, 7, 1344-1351.	3.4	12
90	Expression of functional bacterial undecaprenyl pyrophosphate synthase in the yeast rer2Â mutant and CHO cells. Glycobiology, 2010, 20, 1585-1593.	2.5	12

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91	Non-enzymatically derived minor lipids found in Escherichia coli lipid extracts. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 827-837.	2.4	12
92	Chemoenzymatic Assembly of Bacterial Glycoconjugates for Site-Specific Orthogonal Labeling. Journal of the American Chemical Society, 2015, 137, 12446-12449.	13.7	12
93	High performance detection of biomolecules using a high magnetic field electrospray ionization source/Fourier transform ion cyclotron resonance mass spectrometer. Review of Scientific Instruments, 1995, 66, 4507-4515.	1.3	11
94	Real-Time Monitoring of the Gas Phase Reactions of a Single Ion Population Using the Remeasurement Experiment in Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. Analytical Chemistry, 1995, 67, 1453-1458.	6.5	11
95	Broadband Quadrupolar Axialization of Large Multiply Charged Ions to Enhance Measurement and Minimize Conformational Restrictions. , 1996, 31, 555-559.		11
96	Characterization of the Vibrio cholerae VolA Surface-Exposed Lipoprotein Lysophospholipase. Journal of Bacteriology, 2014, 196, 1619-1626.	2.2	11
97	Investigation of the conserved reentrant membrane helix in the monotopic phosphoglycosyl transferase superfamily supports key molecular interactions with polyprenol phosphate substrates. Archives of Biochemistry and Biophysics, 2019, 675, 108111.	3.0	11
98	The Lipid A 1-Phosphatase, LpxE, Functionally Connects Multiple Layers of Bacterial Envelope Biogenesis. MBio, 2019, 10, .	4.1	11
99	Lipidomic Analysis of Bacteria by Thin-Layer Chromatography and Liquid Chromatography/Mass Spectrometry. Springer Protocols, 2015, , 125-139.	0.3	10
100	Streptococcus pneumoniae, S. pyogenes and S. agalactiae membrane phospholipid remodelling in response to human serum. Microbiology (United Kingdom), 2021, 167, .	1.8	10
101	Distinct granuloma responses in C57BL/6J and BALB/cByJ mice in response to pristane. International Journal of Experimental Pathology, 2010, 91, 460-471.	1.3	9
102	AglQ Is a Novel Component of the Haloferax volcanii N-Glycosylation Pathway. PLoS ONE, 2013, 8, e81782.	2.5	9
103	Streptococcus pneumoniae, S. mitis, and S. oralis Produce a Phosphatidylglycerol-Dependent, ltaS -Independent Glycerophosphate-Linked Glycolipid. MSphere, 2021, 6, .	2.9	9
104	Identification of the Flavobacterium johnsoniae cysteateâ€fatty acyl transferase required for capnine synthesis and for efficient gliding motility. Environmental Microbiology, 2021, 23, 2448-2460.	3.8	9
105	Identification of a chloroform-soluble membrane miniprotein in Escherichia coli and its homolog in Salmonella typhimurium. Analytical Biochemistry, 2011, 409, 284-289.	2.4	8
106	1,2â€Diacylglycerol choline phosphotransferase catalyzes the final step in the unique Treponema denticola phosphatidylcholine biosynthesis pathway. Molecular Microbiology, 2017, 103, 896-912.	2.5	8
107	Recombinant Pseudomonas Bionanoparticles Induce Protection against Pneumonic Pseudomonas aeruginosa Infection. Infection and Immunity, 2021, 89, e0039621.	2.2	8
108	Lipid diversity in clostridia. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158966.	2.4	8

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109	Outer Membrane Vesicles Displaying a Heterologous PcrV-HitA Fusion Antigen Promote Protection against Pulmonary Pseudomonas aeruginosa Infection. MSphere, 2021, 6, e0069921.	2.9	8
110	Caulobacter lipid A is conditionally dispensable in the absence of fur and in the presence of anionic sphingolipids. Cell Reports, 2022, 39, 110888.	6.4	8
111	Ether lipid metabolism by AADACL1 regulates platelet function and thrombosis. Blood Advances, 2019, 3, 3818-3828.	5.2	7
112	Identification of a novel cationic glycolipid in Streptococcus agalactiae that contributes to brain entry and meningitis. PLoS Biology, 2022, 20, e3001555.	5.6	7
113	Kdo hydroxylase is an inner core assembly enzyme in the Ko-containing lipopolysaccharide biosynthesis. Biochemical and Biophysical Research Communications, 2014, 452, 789-794.	2.1	6
114	Assembling Glycan-Charged Dolichol Phosphates: Chemoenzymatic Synthesis of a Haloferax volcanii N-Glycosylation Pathway Intermediate. Bioconjugate Chemistry, 2017, 28, 2461-2470.	3.6	6
115	Gene deletions leading to a reduction in the number of cyclopentane rings in Sulfolobus acidocaldarius tetraether lipids. FEMS Microbiology Letters, 2018, 365, .	1.8	6
116	Ornithine Lipids in Burkholderia spp. Pathogenicity. Frontiers in Molecular Biosciences, 2020, 7, 610932.	3.5	6
117	Regulation of glial size by eicosapentaenoic acid through a novel Golgi apparatus mechanism. PLoS Biology, 2020, 18, e3001051.	5.6	6
118	Hemochromatosis drives acute lethal intestinal responses to hyperyersiniabactin-producing Yersinia pseudotuberculosis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	6
119	Lipidomic Analysis of*Clostridium cadaveris* and *Clostridium fallax*. Lipids, 2019, 54, 423-431.	1.7	5
120	Quantifying lipofuscin in retinal pigment epithelium in vivo by visible-light optical coherence tomography-based multimodal imaging. Scientific Reports, 2020, 10, 2942.	3.3	5
121	A2E Distribution in RPE Granules in Human Eyes. Molecules, 2020, 25, 1413.	3.8	5
122	Remodeling Yersinia pseudotuberculosis to generate a highly immunogenic outer membrane vesicle vaccine against pneumonic plague. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2109667119.	7.1	5
123	Charge state assignment from schiff-base adducts in low resolution electrospray mass spectra of protein mixtures and dissociation products. Journal of Mass Spectrometry, 1995, 30, 119-123.	1.6	4
124	Identifying Components of a Halobacterium salinarum N-Glycosylation Pathway. Frontiers in Microbiology, 2021, 12, 779599.	3.5	4
125	Critical Role of 3â€²-Downstream Region of pmrB in Polymyxin Resistance in Escherichia coli BL21(DE3). Microorganisms, 2021, 9, 655.	3.6	3
126	Application of electrospray ionization mass spectrometry to characterize glycerophospholipids in Francisella tularensis subsp. novicida. International Journal of Mass Spectrometry, 2010, 293, 45-50.	1.5	2

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127	Editorial for Special Issue on lipid methodology. Analytical Biochemistry, 2017, 524, 1-2.	2.4	0
128	Distinct regions of the Haloferax volcanii dolichol phosphate-mannose synthase AglD mediate the assembly and subsequent processing of the lipid-linked mannose. Journal of Bacteriology, 2021, , JB0044721.	2.2	0
129	New Evidence for a Novel Biosynthetic Pathway to Plasmalogens in Anaerobic Bacteria. FASEB Journal, 2011, 25, .	0.5	0
130	Is the eukaryotic cisâ€prenyltransferase a heteromer? The role of NgBR and its yeast ortholog Nus1 in protein glycosylation. FASEB Journal, 2012, 26, 787.5.	0.5	0
131	The Mammalian UDPâ€Galactose 4â€²â€Epimerase (GalE) Is Required for Cell Surface Glycome Structure and Function. FASEB Journal, 2019, 33, 798.6.	0.5	0