

# Wayne R Riekhof

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

4,340  
citations

394421

19  
h-index

610901

24  
g-index

32  
all docs

32  
docs citations

32  
times ranked

5893  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lichens and biofilms: Common collective growth imparts similar developmental strategies. <i>Algal Research</i> , 2021, 54, 102217.	4.6	13
2	Sterol Biosynthesis in Four Green Algae: A Bioinformatic Analysis of the Ergosterol Versus Phytosterol Decision Point. <i>Journal of Phycology</i> , 2021, 57, 1199-1211.	2.3	10
3	Endoplasmic reticulum acyltransferase with prokaryotic substrate preference contributes to triacylglycerol assembly in <i>Chlamydomonas</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1652-1657.	7.1	53
4	Molecular machinery of auxin synthesis, secretion, and perception in the unicellular chlorophyte alga <i>Chlorella sorokiniana</i> UTEX 1230. <i>PLoS ONE</i> , 2018, 13, e0205227.	2.5	18
5	Integration of biology, ecology and engineering for sustainable algal-based biofuel and bioproduct biorefinery. <i>Bioresources and Bioprocessing</i> , 2018, 5, .	4.2	41
6	Comparative genomics, transcriptomics, and physiology distinguish symbiotic from free-living <i>Chlorella</i> strains. <i>Algal Research</i> , 2016, 18, 332-340.	4.6	14
7	Metabolism of acyl lipids in <i>Chlamydomonas reinhardtii</i> . <i>Plant Journal</i> , 2015, 82, 504-522.	5.7	230
8	Transport of Phosphatidylserine from the Endoplasmic Reticulum to the Site of Phosphatidylserine Decarboxylase2 in Yeast. <i>Traffic</i> , 2015, 16, 123-134.	2.7	27
9	An Assembly of Proteins and Lipid Domains Regulates Transport of Phosphatidylserine to Phosphatidylserine Decarboxylase 2 in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2014, 289, 5809-5819.	3.4	31
10	A High-Throughput Fatty Acid Profiling Screen Reveals Novel Variations in Fatty Acid Biosynthesis in <i>Chlamydomonas reinhardtii</i> and Related Algae. <i>Eukaryotic Cell</i> , 2014, 13, 1431-1438.	3.4	15
11	Phosphate Starvation in Fungi Induces the Replacement of Phosphatidylcholine with the Phosphorus-Free Betaine Lipid Diacylglyceryl- <i>N,N,N</i> -Trimethylhomoserine. <i>Eukaryotic Cell</i> , 2014, 13, 749-757.	3.4	64
12	Glutathione Transport Is a Unique Function of the ATP-binding Cassette Protein ABCG2. <i>Journal of Biological Chemistry</i> , 2010, 285, 16582-16587.	3.4	62
13	Glycerolipid Biosynthesis. , 2009, , 41-68.		14
14	The yeast plasma membrane P4-ATPases are major transporters for lysophospholipids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 620-627.	2.4	27
15	Lysophospholipid Acyltransferases and Arachidonate Recycling in Human Neutrophils. <i>Journal of Biological Chemistry</i> , 2008, 283, 30235-30245.	3.4	178
16	Lysophosphatidylcholine Metabolism in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 36853-36861.	3.4	107
17	Identification and Characterization of the Major Lysophosphatidylethanolamine Acyltransferase in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 28344-28352.	3.4	149
18	The <i>Chlamydomonas</i> Genome Reveals the Evolution of Key Animal and Plant Functions. <i>Science</i> , 2007, 318, 245-250.	12.6	2,354

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19	Uptake and Utilization of Lyso-phosphatidylethanolamine by <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 36588-36596.	3.4	96
20	Annotation of Genes Involved in Glycerolipid Biosynthesis in <i>Chlamydomonas reinhardtii</i> : Discovery of the Betaine Lipid Synthase BTA1. <i>Eukaryotic Cell</i> , 2005, 4, 242-252.	3.4	190
21	Two enzymes, BtaA and BtaB, are sufficient for betaine lipid biosynthesis in bacteria. <i>Archives of Biochemistry and Biophysics</i> , 2005, 441, 96-105.	3.0	48
22	EST-analysis of the thermo-acidophilic red microalga <i>Galdieria sulphuraria</i> reveals potential for lipid A biosynthesis and unveils the pathway of carbon export from rhodoplasts. <i>Plant Molecular Biology</i> , 2004, 55, 17-32.	3.9	91
23	A permease-like protein involved in ER to thylakoid lipid transfer in <i>Arabidopsis</i> . <i>EMBO Journal</i> , 2003, 22, 2370-2379.	7.8	206
24	The Sulfolipids 2- <i>O</i> -Acyl-Sulfoquinovosyldiacylglycerol and Sulfoquinovosyldiacylglycerol Are Absent from a <i>Chlamydomonas reinhardtii</i> Mutant Deleted in SQD1. <i>Plant Physiology</i> , 2003, 133, 864-874.	4.8	92
25	Molecular and Biochemical Characterization of a Cytokinin Oxidase from Maize. <i>Plant Physiology</i> , 2001, 125, 378-386.	4.8	195