

# Jeremy G Wideman

## List of Publications by Year in descending order

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34  
papers

1,254  
citations

394421

19  
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395702

33  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1914  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new mitofusin topology places the redox-regulated C terminus in the mitochondrial intermembrane space. <i>Journal of Cell Biology</i> , 2018, 217, 507-515.	5.2	117
2	Ancient Homology of the Mitochondrial Contact Site and Cristae Organizing System Points to an Endosymbiotic Origin of Mitochondrial Cristae. <i>Current Biology</i> , 2015, 25, 1489-1495.	3.9	95
3	The Ancient and Widespread Nature of the ER-Mitochondria Encounter Structure. <i>Molecular Biology and Evolution</i> , 2013, 30, 2044-2049.	8.9	90
4	The ubiquitous and ancient ER membrane protein complex (EMC): tether or not?. <i>F1000Research</i> , 2015, 4, 624.	1.6	75
5	The origin of mitochondrial cristae from alphaproteobacteria. <i>Molecular Biology and Evolution</i> , 2017, 34, msw298.	8.9	71
6	The ubiquitous and ancient ER membrane protein complex (EMC): tether or not?. <i>F1000Research</i> , 2015, 4, 624.	1.6	63
7	ER-shaping atlastin proteins act as central hubs to promote flavivirus replication and virion assembly. <i>Nature Microbiology</i> , 2019, 4, 2416-2429.	13.3	59
8	Roles of the Mdm10, Tom7, Mdm12, and Mmm1 Proteins in the Assembly of Mitochondrial Outer Membrane Proteins in <i>Neurospora crassa</i> . <i>Molecular Biology of the Cell</i> , 2010, 21, 1725-1736.	2.1	57
9	Losing Complexity: The Role of Simplification in Macroevolution. <i>Trends in Ecology and Evolution</i> , 2016, 31, 608-621.	8.7	55
10	The evolution of ERMIONE in mitochondrial biogenesis and lipid homeostasis: An evolutionary view from comparative cell biology. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 900-912.	2.4	49
11	Concepts of the last eukaryotic common ancestor. <i>Nature Ecology and Evolution</i> , 2019, 3, 338-344.	7.8	44
12	Unexpected mitochondrial genome diversity revealed by targeted single-cell genomics of heterotrophic flagellated protists. <i>Nature Microbiology</i> , 2020, 5, 154-165.	13.3	44
13	Constructive Neutral Evolution 20 Years Later. <i>Journal of Molecular Evolution</i> , 2021, 89, 172-182.	1.8	44
14	Single cell genomics reveals plastid-lacking Picozoa are close relatives of red algae. <i>Nature Communications</i> , 2021, 12, 6651.	12.8	40
15	The Cell Biology of the Endocytic System from an Evolutionary Perspective. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016998-a016998.	5.5	34
16	The evolution of MICOS: Ancestral and derived functions and interactions. <i>Communicative and Integrative Biology</i> , 2015, 8, e1094593.	1.4	32
17	Comparative genomic analysis of the <i>Hyphochytrium catenoides</i> . <i>Open Biology</i> , 2018, 8, 170184.	3.6	31
18	PDZD8 is not the functional ortholog of Mmm1, it is a paralog. <i>F1000Research</i> , 2018, 7, 1088.	1.6	23

#	ARTICLE	IF	CITATIONS
19	From all to (nearly) none. Cellular Logistics, 2014, 4, e28114.	0.9	22
20	Homologue replacement in the import motor of the mitochondrial inner membrane of trypanosomes. ELife, 2020, 9, .	6.0	21
21	Analysis of Mutations in Neurospora crassa ERMES Components Reveals Specific Functions Related to $\beta$ -Barrel Protein Assembly and Maintenance of Mitochondrial Morphology. PLoS ONE, 2013, 8, e71837.	2.5	20
22	A Eukaryote-Wide Perspective on the Diversity and Evolution of the ARF GTPase Protein Family. Genome Biology and Evolution, 2021, 13, .	2.5	18
23	Neutral evolution of cellular phenotypes. Current Opinion in Genetics and Development, 2019, 58-59, 87-94.	3.3	17
24	Depletion of a <i>Toxoplasma</i> porin leads to defects in mitochondrial morphology and contacts with the endoplasmic reticulum. Journal of Cell Science, 2021, 134, .	2.0	17
25	Evolutionary conservation of a core fungal phosphate homeostasis pathway coupled to development in Blastocladiella emersonii. Fungal Genetics and Biology, 2018, 115, 20-32.	2.1	13
26	A single-cell genome reveals diplonemid-like ancestry of kinetoplastid mitochondrial gene structure. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190100.	4.0	13
27	Single-cell genomics unveils a canonical origin of the diverse mitochondrial genomes of euglenozoans. BMC Biology, 2021, 19, 103.	3.8	10
28	Cell Biology: Functional Conservation, Structural Divergence, and Surprising Convergence in the MICOS Complex of Trypanosomes. Current Biology, 2018, 28, R1245-R1248.	3.9	8
29	First report of mitochondrial COI in foraminifera and implications for DNA barcoding. Scientific Reports, 2021, 11, 22165.	3.3	8
30	Independent accretion of TIM22 complex subunits in the animal and fungal lineages. F1000Research, 2020, 9, 1060.	1.6	7
31	A functional bacteria-derived restriction modification system in the mitochondrion of a heterotrophic protist. PLoS Biology, 2021, 19, e3001126.	5.6	6
32	Mutationism, not Lamarckism, captures the novelty of CRISPR-Cas. Biology and Philosophy, 2019, 34, 1.	1.4	5
33	The Evolutionary History of MAPL (Mitochondria-Associated Protein Ligase) and Other Eukaryotic BAM/GIDE Domain Proteins. PLoS ONE, 2015, 10, e0128795.	2.5	2
34	Editorial overview: Investigating phenotype evolution in the post-genomic era. Current Opinion in Genetics and Development, 2019, 58-59, iii-v.	3.3	1