

Lael D Barlow

List of Publications by Year in descending order

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16
papers

1,005
citations

759233

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940533

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docs citations

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times ranked

2188
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Mastigamoeba balamuthi</i> Genome and the Nature of the Free-Living Ancestor of <i>Entamoeba</i> . <i>Molecular Biology and Evolution</i> , 2021, 38, 2240-2259.	8.9	14
2	Evolution and diversification of the nuclear envelope. <i>Nucleus</i> , 2021, 12, 21-41.	2.2	6
3	Tracing animal genomic evolution with the chromosomal-level assembly of the freshwater sponge <i>Ephydatia muelleri</i> . <i>Nature Communications</i> , 2020, 11, 3676.	12.8	72
4	Evolution and Natural History of Membrane Trafficking in Eukaryotes. <i>Current Biology</i> , 2020, 30, R553-R564.	3.9	36
5	The Oxymonad Genome Displays Canonical Eukaryotic Complexity in the Absence of a Mitochondrion. <i>Molecular Biology and Evolution</i> , 2019, 36, 2292-2312.	8.9	49
6	Recent gene duplications dominate evolutionary dynamics of adaptor protein complex subunits in embryophytes. <i>Traffic</i> , 2019, 20, 961-973.	2.7	10
7	Seeing the endomembrane system for the trees: Evolutionary analysis highlights the importance of plants as models for eukaryotic membrane-trafficking. <i>Seminars in Cell and Developmental Biology</i> , 2018, 80, 142-152.	5.0	17
8	A sophisticated, differentiated Golgi in the ancestor of eukaryotes. <i>BMC Biology</i> , 2018, 16, 27.	3.8	35
9	Evolutionary cell biology traces the rise of the exomer complex in Fungi from an ancient eukaryotic component. <i>Scientific Reports</i> , 2018, 8, 11154.	3.3	7
10	Evolution of the endomembrane systems of trypanosomatids: conservation and specialisation. <i>Journal of Cell Science</i> , 2017, 130, 1421-1434.	2.0	23
11	A Eukaryote without a Mitochondrial Organelle. <i>Current Biology</i> , 2016, 26, 1274-1284.	3.9	302
12	A Role for the Ancient SNARE Syntaxin 17 in Regulating Mitochondrial Division. <i>Developmental Cell</i> , 2015, 32, 304-317.	7.0	126
13	From all to (nearly) none. <i>Cellular Logistics</i> , 2014, 4, e28114.	0.9	22
14	Evolutionary mechanisms for establishing eukaryotic cellular complexity. <i>Trends in Cell Biology</i> , 2014, 24, 435-442.	7.9	26
15	A comparative analysis of trypanosomatid SNARE proteins. <i>Parasitology International</i> , 2014, 63, 341-348.	1.3	17
16	The Fifth Adaptor Protein Complex. <i>PLoS Biology</i> , 2011, 9, e1001170.	5.6	241