

# Eric M Lynch

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

388  
citations

10  
h-index

19  
g-index

22  
ext. papers

634  
ext. citations

19.4  
avg, IF

3.79  
L-index

#	Paper	IF	Citations
17	Cryo-EM structures of CTP synthase filaments reveal mechanism of pH-sensitive assembly during budding yeast starvation. <i>ELife</i> , <b>2021</b> , 10,	8.9	5
16	Multimeric antibodies from antigen-specific human IgM+ memory B cells restrict Plasmodium parasites. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	5
15	Selective activation of PFKL suppresses the phagocytic oxidative burst. <i>Cell</i> , <b>2021</b> , 184, 4480-4494.e15	56.2	9
14	Structural basis for isoform-specific inhibition of human CTPS1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	5
13	Filament formation by metabolic enzymes-A new twist on regulation. <i>Current Opinion in Cell Biology</i> , <b>2020</b> , 66, 28-33	9	16
12	Polymerization in the actin ATPase clan regulates hexokinase activity in yeast. <i>Science</i> , <b>2020</b> , 367, 1039-1042	39.3	13
11	CTP synthase polymerization in germline cells of the developing egg supports egg production. <i>Biology Open</i> , <b>2020</b> , 9,	2.2	4
10	Coupled structural transitions enable highly cooperative regulation of human CTPS2 filaments. <i>Nature Structural and Molecular Biology</i> , <b>2020</b> , 27, 42-48	17.6	22
9	Computational design of transmembrane pores. <i>Nature</i> , <b>2020</b> , 585, 129-134	50.4	56
8	Reconstitution of Microtubule Nucleation In Vitro Reveals Novel Roles for Mzt1. <i>Current Biology</i> , <b>2019</b> , 29, 2199-2207.e10	6.3	11
7	Exportin Crm1 is repurposed as a docking protein to generate microtubule organizing centers at the nuclear pore. <i>ELife</i> , <b>2018</b> , 7,	8.9	10
6	De novo design of self-assembling helical protein filaments. <i>Science</i> , <b>2018</b> , 362, 705-709	33.3	78
5	The tetrameric kinesin Kif25 suppresses pre-mitotic centrosome separation to establish proper spindle orientation. <i>Nature Cell Biology</i> , <b>2017</b> , 19, 384-390	23.4	26
4	Human CTP synthase filament structure reveals the active enzyme conformation. <i>Nature Structural and Molecular Biology</i> , <b>2017</b> , 24, 507-514	17.6	90
3	Activation of the $\beta$ -tubulin complex by the Mto1/2 complex. <i>Current Biology</i> , <b>2014</b> , 24, 896-903	6.3	36
2	Independent evolution of polymerization in the Actin ATPase clan regulates hexokinase activity		1
1	Cryo-EM Structures of CTP Synthase Filaments Reveal Mechanism of pH-Sensitive Assembly During Budding Yeast Starvation		1

