

# Eric M Lynch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/429593/publications.pdf>

Version: 2024-02-01

15  
papers

793  
citations

687220

13  
h-index

996849

15  
g-index

22  
all docs

22  
docs citations

22  
times ranked

964  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human CTP synthase filament structure reveals the active enzyme conformation. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 507-514.	3.6	161
2	Computational design of transmembrane pores. <i>Nature</i> , 2020, 585, 129-134.	13.7	120
3	De novo design of self-assembling helical protein filaments. <i>Science</i> , 2018, 362, 705-709.	6.0	112
4	Selective activation of PFKL suppresses the phagocytic oxidative burst. <i>Cell</i> , 2021, 184, 4480-4494.e15.	13.5	61
5	Coupled structural transitions enable highly cooperative regulation of human CTPS2 filaments. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 42-48.	3.6	53
6	Activation of the $\beta$ -Tubulin Complex by the Mto1/2 Complex. <i>Current Biology</i> , 2014, 24, 896-903.	1.8	49
7	Polymerization in the actin ATPase clan regulates hexokinase activity in yeast. <i>Science</i> , 2020, 367, 1039-1042.	6.0	41
8	Filament formation by metabolic enzymesâ€”A new twist on regulation. <i>Current Opinion in Cell Biology</i> , 2020, 66, 28-33.	2.6	39
9	The tetrameric kinesin Kif25 suppresses pre-mitotic centrosome separation to establish proper spindle orientation. <i>Nature Cell Biology</i> , 2017, 19, 384-390.	4.6	35
10	Cryo-EM structures of CTP synthase filaments reveal mechanism of pH-sensitive assembly during budding yeast starvation. <i>ELife</i> , 2021, 10, .	2.8	25
11	Multimeric antibodies from antigen-specific human IgM+ memory B cells restrict <i>Plasmodium</i> parasites. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	23
12	Reconstitution of Microtubule Nucleation In Vitro Reveals Novel Roles for Mzt1. <i>Current Biology</i> , 2019, 29, 2199-2207.e10.	1.8	22
13	Structural basis for isoform-specific inhibition of human CTPS1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	22
14	Exportin Crm1 is repurposed as a docking protein to generate microtubule organizing centers at the nuclear pore. <i>ELife</i> , 2018, 7, .	2.8	15
15	CTP synthase polymerization in germline cells of the developing <i>Drosophila</i> egg supports egg production. <i>Biology Open</i> , 2020, 9, .	0.6	10