

Eric M Lynch

List of Publications by Citations

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

