

Anthony J Roberts

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,586
citations

623188

14
h-index

839053

18
g-index

22
all docs

22
docs citations

22
times ranked

1928
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-EM structure of a microtubule-bound parasite kinesin motor and implications for its mechanism and inhibition. <i>Journal of Biological Chemistry</i> , 2021, 297, 101063.	1.6	13
2	Inhibiting parasite proliferation using a rationally designed anti- α -tubulin agent. <i>EMBO Molecular Medicine</i> , 2021, 13, e13818.	3.3	14
3	Intraflagellar transport trains and motors: Insights from structure. <i>Seminars in Cell and Developmental Biology</i> , 2020, 107, 82-90.	2.3	47
4	DYNC2H1 hypomorphic or retina-predominant variants cause nonsyndromic retinal degeneration. <i>Genetics in Medicine</i> , 2020, 22, 2041-2051.	1.1	38
5	Cytoplasmic dynein-2 at a glance. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	26
6	Plasmodium kinesin-8X associates with mitotic spindles and is essential for oocyst development during parasite proliferation and transmission. <i>PLoS Pathogens</i> , 2019, 15, e1008048.	2.1	43
7	Structure of the dynein-2 complex and its assembly with intraflagellar transport trains. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 823-829.	3.6	91
8	Emerging mechanisms of dynein transport in the cytoplasm versus the cilium. <i>Biochemical Society Transactions</i> , 2018, 46, 967-982.	1.6	48
9	Intraflagellar transport dynein is autoinhibited by trapping of its mechanical and track-binding elements. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 461-468.	3.6	84
10	A structural model for microtubule minus-end recognition and protection by CAMSAP proteins. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 931-943.	3.6	86
11	Regulation of Cytoplasmic Dynein by Lis1. <i>Microscopy and Microanalysis</i> , 2015, 21, 59-60.	0.2	0
12	Reconstitution of dynein transport to the microtubule plus end by kinesin. <i>ELife</i> , 2014, 3, e02641.	2.8	92
13	Lis1 regulates dynein by sterically blocking its mechanochemical cycle. <i>ELife</i> , 2014, 3, .	2.8	89
14	Functions and mechanics of dynein motor proteins. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 713-726.	16.1	427
15	Lis1 Acts as a "Clutch" between the ATPase and Microtubule-Binding Domains of the Dynein Motor. <i>Cell</i> , 2012, 150, 975-986.	13.5	209
16	ATP-Driven Remodeling of the Linker Domain in the Dynein Motor. <i>Structure</i> , 2012, 20, 1670-1680.	1.6	76
17	Electron Microscopic Imaging and Analysis of Isolated Dynein Particles. <i>Methods in Cell Biology</i> , 2009, 91, 41-61.	0.5	6
18	AAA+ Ring and Linker Swing Mechanism in the Dynein Motor. <i>Cell</i> , 2009, 136, 485-495.	13.5	195

#	ARTICLE	IF	CITATIONS
19	3P140 Are six AAA+ modules sufficient to form the ring of dynein?(Molecular motors,Poster) Tj ETQq1 1 0.784314 ggBT /Overlock 10 TF	0.784314	10