

# Anthony J Roberts

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/132921/publications.pdf>

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	Functions and mechanics of dynein motor proteins. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 713-726.	16.1	427
2	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
3	AAA+ Ring and Linker Swing Mechanism in the Dynein Motor. <i>Cell</i> , 2009, 136, 485-495.	13.5	195
4	Reconstitution of dynein transport to the microtubule plus end by kinesin. <i>ELife</i> , 2014, 3, e02641.	2.8	92
5	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
6	Lis1 regulates dynein by sterically blocking its mechanochemical cycle. <i>ELife</i> , 2014, 3, .	2.8	89
7	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
8	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
9	ATP-Driven Remodeling of the Linker Domain in the Dynein Motor. <i>Structure</i> , 2012, 20, 1670-1680.	1.6	76
10	Emerging mechanisms of dynein transport in the cytoplasm versus the cilium. <i>Biochemical Society Transactions</i> , 2018, 46, 967-982.	1.6	48
11	Intraflagellar transport trains and motors: Insights from structure. <i>Seminars in Cell and Developmental Biology</i> , 2020, 107, 82-90.	2.3	47
12	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
13	DYNC2H1 hypomorphic or retina-predominant variants cause nonsyndromic retinal degeneration. <i>Genetics in Medicine</i> , 2020, 22, 2041-2051.	1.1	38
14	Cytoplasmic dynein-2 at a glance. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	26
15	Inhibiting parasite proliferation using a rationally designed anti-tubulin agent. <i>EMBO Molecular Medicine</i> , 2021, 13, e13818.	3.3	14
16	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
17	Electron Microscopic Imaging and Analysis of Isolated Dynein Particles. <i>Methods in Cell Biology</i> , 2009, 91, 41-61.	0.5	6
18	3P140 Are six AAA+ modules sufficient to form the ring of dynein?(Molecular motors,Poster) Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 62 Tc	0.0	0

#	ARTICLE	IF	CITATIONS
19	Regulation of Cytoplasmic Dynein by Lis1. <i>Microscopy and Microanalysis</i> , 2015, 21, 59-60.	0.2	0