

# Edward R Ballister

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4539614/publications.pdf>

Version: 2024-02-01

19  
papers

1,479  
citations

567281

15  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2246  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In vitro</i> self-assembly of tailorable nanotubes from a simple protein building block. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3733-3738.	7.1	266
2	Insights into IgA-mediated immune responses from the crystal structures of human FcγRI and its complex with IgA1-Fc. Nature, 2003, 423, 614-620.	27.8	260
3	Localized light-induced protein dimerization in living cells using a photocaged dimerizer. Nature Communications, 2014, 5, 5475.	12.8	154
4	Aurora B dynamics at centromeres create a diffusion-based phosphorylation gradient. Journal of Cell Biology, 2011, 194, 539-549.	5.2	116
5	Feedback Control in Sensing Chromosome Biorientation by the Aurora B Kinase. Current Biology, 2011, 21, 1158-1165.	3.9	114
6	Function and Structure of a Prokaryotic Formylglycine-generating Enzyme. Journal of Biological Chemistry, 2008, 283, 20117-20125.	3.4	97
7	Optogenetic control of organelle transport using a photocaged chemical inducer of dimerization. Current Biology, 2015, 25, R407-R408.	3.9	75
8	Mps1 Regulates Kinetochore-Microtubule Attachment Stability via the Ska Complex to Ensure Error-Free Chromosome Segregation. Developmental Cell, 2017, 41, 143-156.e6.	7.0	73
9	Optogenetic control of kinetochore function. Nature Chemical Biology, 2017, 13, 1096-1101.	8.0	71
10	Recruitment of Mad1 to metaphase kinetochores is sufficient to reactivate the mitotic checkpoint. Journal of Cell Biology, 2014, 204, 901-908.	5.2	59
11	Bistability of a coupled Aurora B kinase-phosphatase system in cell division. ELife, 2016, 5, e10644.	6.0	48
12	A live cell assay of GPCR coupling allows identification of optogenetic tools for controlling Go and Gi signaling. BMC Biology, 2018, 16, 10.	3.8	33
13	Minimal model for collective kinetochore-microtubule dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12699-12704.	7.1	28
14	Two mechanisms coordinate the recruitment of the chromosomal passenger complex to the plane of cell division. Molecular Biology of the Cell, 2017, 28, 3634-3646.	2.1	27
15	Extraocular, rod-like photoreceptors in a flatworm express xenopsin photopigment. ELife, 2019, 8, .	6.0	27
16	Using a bistable animal opsin for switchable and scalable optogenetic inhibition of neurons. EMBO Reports, 2021, 22, e51866.	4.5	20
17	Mycobacterium tuberculosis Rv2700 Contributes to Cell Envelope Integrity and Virulence. Journal of Bacteriology, 2019, 201, .	2.2	8
18	Chromosomal Instability: Mad2 beyond the Spindle Checkpoint. Current Biology, 2012, 22, R233-R235.	3.9	2

#	ARTICLE	IF	CITATIONS
19	Probing Mitosis by Manipulating the Interactions of Mitotic Regulator Proteins Using Rapamycin-Inducible Dimerization. <i>Methods in Molecular Biology</i> , 2016, 1413, 325-331.	0.9	1