

# Keith Gull

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

3,613  
citations

201385

27  
h-index

329751

37  
g-index

43  
all docs

43  
docs citations

43  
times ranked

3172  
citing authors

#	ARTICLE	IF	CITATIONS
1	A specific basal body linker protein provides the connection function for basal body inheritance in trypanosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2014040118.	3.3	4
2	Non-equivalence in old and new flagellum daughter cells of a proliferative division in <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2019, 112, 1024-1040.	1.2	18
3	Coordination of the Cell Cycle in Trypanosomes. <i>Annual Review of Microbiology</i> , 2019, 73, 133-154.	2.9	51
4	<i>Leishmania</i> flagellum attachment zone is critical for flagellar pocket shape, development in the sand fly, and pathogenicity in the host. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6351-6360.	3.3	39
5	Basalin is an evolutionarily unconstrained protein revealed via a conserved role in flagellum basal plate function. <i>ELife</i> , 2019, 8, .	2.8	15
6	Dependency relationships between IFT-dependent flagellum elongation and cell morphogenesis in <i>Leishmania</i> . <i>Open Biology</i> , 2018, 8, 180124.	1.5	9
7	Direction of flagellum beat propagation is controlled by proximal/distal outer dynein arm asymmetry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7341-E7350.	3.3	31
8	Shape, form, function and <i>Leishmania</i> pathogenicity: from textbook descriptions to biological understanding. <i>Open Biology</i> , 2017, 7, 170165.	1.5	120
9	Genome sequencing reveals metabolic and cellular interdependence in an amoeba-kinetoplastid symbiosis. <i>Scientific Reports</i> , 2017, 7, 11688.	1.6	44
10	Protein diversity in discrete structures at the distal tip of the trypanosome flagellum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6546-E6555.	3.3	43
11	The Flagellum Attachment Zone: "The Cellular Ruler"™ of Trypanosome Morphology. <i>Trends in Parasitology</i> , 2016, 32, 309-324.	1.5	92
12	Cilium transition zone proteome reveals compartmentalization and differential dynamics of ciliopathy complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5135-43.	3.3	72
13	Flagellar pocket restructuring through the <i>Leishmania</i> life cycle involves a discrete flagellum attachment zone. <i>Journal of Cell Science</i> , 2016, 129, 854-67.	1.2	48
14	3D Architecture of the <i>Trypanosoma brucei</i> Flagella Connector, a Mobile Transmembrane Junction. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004312.	1.3	25
15	A toolkit enabling efficient, scalable and reproducible gene tagging in trypanosomatids. <i>Open Biology</i> , 2015, 5, 140197.	1.5	202
16	Basal body structure and cell cycle-dependent biogenesis in <i>Trypanosoma brucei</i> . <i>Cilia</i> , 2015, 5, 5.	1.8	39
17	A dynamic coordination of flagellum and cytoplasmic cytoskeleton assembly specifies cell morphogenesis in trypanosomes. <i>Journal of Cell Science</i> , 2015, 128, 1580-94.	1.2	62
18	Flagellum attachment zone protein modulation and regulation of cell shape in <i>Trypanosoma brucei</i> life cycle transitions. <i>Journal of Cell Science</i> , 2015, 128, 3117-30.	1.2	40

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19	Identification of Paralogous Life-Cycle Stage Specific Cytoskeletal Proteins in the Parasite <i>Trypanosoma brucei</i> . PLoS ONE, 2014, 9, e106777.	1.1	19
20	Discovery of Unconventional Kinetochores in Kinetoplastids. Cell, 2014, 156, 1247-1258.	13.5	217
21	Modulation of a cytoskeletal calpain-like protein induces major transitions in trypanosome morphology. Journal of Cell Biology, 2014, 206, 377-384.	2.3	57
22	Evidence for Loss of a Partial Flagellar Glycolytic Pathway during Trypanosomatid Evolution. PLoS ONE, 2014, 9, e103026.	1.1	5
23	Modes of flagellar assembly in <i>Chlamydomonas reinhardtii</i> and <i>Trypanosoma brucei</i> . ELife, 2014, 3, e01479.	2.8	60
24	The evolution of land plant cilia. New Phytologist, 2012, 195, 526-540.	3.5	39
25	The cell cycle of <i>Leishmania</i> : morphogenetic events and their implications for parasite biology. Molecular Microbiology, 2011, 79, 647-662.	1.2	168
26	Basal body movements orchestrate membrane organelle division and cell morphogenesis in <i>Trypanosoma brucei</i> . Journal of Cell Science, 2010, 123, 2884-2891.	1.2	86
27	The hydrocephalus inducing gene product, Hydin, positions axonemal central pair microtubules. BMC Biology, 2007, 5, 33.	1.7	71
28	Dyneins Across Eukaryotes: A Comparative Genomic Analysis. Traffic, 2007, 8, 1708-1721.	1.3	255
29	Functional genomics in <i>Trypanosoma brucei</i> : A collection of vectors for the expression of tagged proteins from endogenous and ectopic gene loci. Molecular and Biochemical Parasitology, 2007, 154, 103-109.	0.5	189
30	Centriole/basal body morphogenesis and migration during ciliogenesis in animal cells. Journal of Cell Science, 2007, 120, 7-15.	1.2	233
31	Flagellar motility is required for the viability of the bloodstream trypanosome. Nature, 2006, 440, 224-227.	13.7	453
32	An Evolutionarily Conserved Coiled-Coil Protein Implicated in Polycystic Kidney Disease Is Involved in Basal Body Duplication and Flagellar Biogenesis in <i>Trypanosoma brucei</i> . Molecular and Cellular Biology, 2005, 25, 3774-3783.	1.1	35
33	Basal Bodies and Microtubule Organization in Pathogenic Protozoa. , 2005, , 401-423.		2
34	β-Tubulin Functions in the Nucleation of a Discrete Subset of Microtubules in the Eukaryotic Flagellum. Current Biology, 2003, 13, 598-602.	1.8	87
35	Host-parasite interactions and trypanosome morphogenesis: a flagellar pocketful of goodies. Current Opinion in Microbiology, 2003, 6, 365-370.	2.3	72
36	A novel epitope tag system to study protein targeting and organelle biogenesis in <i>Trypanosoma brucei</i> . Molecular and Biochemical Parasitology, 1996, 77, 235-239.	0.5	287

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37	Basal body movements as a mechanism for mitochondrial genome segregation in the trypanosome cell cycle. <i>Nature</i> , 1991, 352, 731-733.	13.7	311
38	Production and characterization of monoclonal antibodies to the mammalian sperm cytoskeleton. <i>Molecular Reproduction and Development</i> , 1990, 25, 384-392.	1.0	10
39	Keith Vickerman. 21 March 1933â€”28 June 2016. <i>Biographical Memoirs of Fellows of the Royal Society</i> , 0, , .	0.1	0
40	The Parasite Point of View: Insights and Questions on the Cell Biology of <i>Trypanosoma</i> and <i>Leishmania</i> Parasite-Phagocyte Interactions. , 0, , 453-462.		3