

# Peter L Beech

## List of Publications by Year in descending order

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29  
papers

2,705  
citations

361413

20  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2028  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Chlamydomonas</i> Kinesin-II $\epsilon$ -dependent Intraflagellar Transport (IFT): IFT Particles Contain Proteins Required for Ciliary Assembly in <i>Caenorhabditis elegans</i> Sensory Neurons. <i>Journal of Cell Biology</i> , 1998, 141, 993-1008.	5.2	829
2	The <i>Chlamydomonas</i> kinesin-like protein FLA10 is involved in motility associated with the flagellar membrane.. <i>Journal of Cell Biology</i> , 1995, 131, 1517-1527.	5.2	541
3	The Omp85 family of proteins is essential for outer membrane biogenesis in mitochondria and bacteria. <i>Journal of Cell Biology</i> , 2004, 164, 19-24.	5.2	335
4	Mitochondrial FtsZ in a Chromophyte Alga. <i>Science</i> , 2000, 287, 1276-1279.	12.6	169
5	A new kinesin-like protein (Klp1) localized to a single microtubule of the <i>Chlamydomonas</i> flagellum.. <i>Journal of Cell Biology</i> , 1994, 125, 1313-1326.	5.2	109
6	Two <i>Dictyostelium</i> Orthologs of the Prokaryotic Cell Division Protein FtsZ Localize to Mitochondria and Are Required for the Maintenance of Normal Mitochondrial Morphology. <i>Eukaryotic Cell</i> , 2003, 2, 1315-1326.	3.4	65
7	Cell division protein FtsZ: running rings around bacteria, chloroplasts and mitochondria. <i>Research in Microbiology</i> , 2001, 152, 3-10.	2.1	59
8	Diverse Eukaryotes have Retained Mitochondrial Homologues of the Bacterial Division Protein FtsZ. <i>Protist</i> , 2004, 155, 105-115.	1.5	56
9	Trapping of a Spiral-Like Intermediate of the Bacterial Cytokinetic Protein FtsZ. <i>Journal of Bacteriology</i> , 2006, 188, 1680-1690.	2.2	46
10	Observations on the flagellar apparatus and peripheral endoplasmic reticulum of the coccolithophorid, <i>Pleurochrysis carterae</i> (Prymnesiophyceae). <i>Phycologia</i> , 1988, 27, 142-158.	1.4	45
11	<i>Legionella pneumophila</i> multiplication is enhanced by chronic AMPK signalling in mitochondrially diseased <i>Dictyostelium</i> cells. <i>DMM Disease Models and Mechanisms</i> , 2009, 2, 479-489.	2.4	45
12	Transformation of the flagella and associated flagellar components during cell division in the coccolithophorid <i>Pleurochrysis carterae</i> . <i>Protoplasma</i> , 1988, 145, 37-46.	2.1	43
13	FtsZ and Organelle Division in Protists. <i>Protist</i> , 2000, 151, 11-16.	1.5	42
14	Flagellar transformation in the heterokont <i>Epipyxis pulchra</i> (Chrysophyceae): Direct observations using image enhanced light microscopy. <i>Protoplasma</i> , 1988, 145, 47-54.	2.1	38
15	Cell Biology of Mitochondrial Dynamics. <i>International Review of Cytology</i> , 2006, 254, 151-213.	6.2	36
16	Light and electron microscopical observations on the heterotrophic protist <i>Thaumatostix salina</i> comb. nov. (syn. <i>Chrysophaerella salina</i> ) and its allies. <i>Nordic Journal of Botany</i> , 1986, 6, 865-877.	0.5	35
17	SECRETION AND DEPLOYMENT OF BRISTLES IN <i>MALLOMONAS SPLENDENS</i> (SYNUROPHYCEAE)1. <i>Journal of Phycology</i> , 1990, 26, 112-122.	2.3	35
18	DIRECT OBSERVATIONS ON FLAGFLAR TRANSFORMATION IN <i>MALLOMONAS SPLENDENS</i> (SYNUROPHYCEAE)1. <i>Journal of Phycology</i> , 1990, 26, 90-95.	2.3	30

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19	THE FLAGELLAR APPARATUS OF MALLOMONAS SPLENDENS (SYNUROPHYCEAE) AT INTERPHASE AND ITS DEVELOPMENT DURING THE CELL CYCLE1. <i>Journal of Phycology</i> , 1990, 26, 95-111.	2.3	28
20	IMMUNOLOCALIZATION OF CENTRIN IN OXYRRHIS MARINA (DINOPHYCEAE)1. <i>Journal of Phycology</i> , 1994, 30, 474-489.	2.3	28
21	Import-Associated Translational Inhibition: Novel In Vivo Evidence for Cotranslational Protein Import into <i>Dictyostelium discoideum</i> Mitochondria. <i>Eukaryotic Cell</i> , 2006, 5, 1314-1327.	3.4	20
22	Serial reconstruction of the mitochondrial reticulum in the coccolithophorid, <i>Pleurochrysis carterae</i> (Prymnesiophyceae). <i>Protoplasma</i> , 1984, 123, 226-229.	2.1	13
23	Requirement for the Cell Division Protein DivlB in Polar Cell Division and Engulfment during Sporulation in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2006, 188, 7677-7685.	2.2	12
24	<i>Parapedinella reticulata</i> gen. et sp. nov. (Chrysophyceae) from Danish waters. <i>Nordic Journal of Botany</i> , 1986, 6, 507-513.	0.5	11
25	PLASTID DIVISION IN MALLOMONAS (SYNUROPHYCEAE, HETEROKONTA). <i>Journal of Phycology</i> , 2007, 43, 535-541.	2.3	10
26	Draft genomes of two Australian strains of the plant pathogen, <i>Phytophthora cinnamomi</i> . <i>F1000Research</i> , 2017, 6, 1972.	1.6	10
27	THE BASAL APPARATUS OF THE QUADRIFLAGELLATE SPERMATOPHYTES EXSULTANS (CHLOROPHYCEAE): NUMBERING OF BASAL BODY TRIPLETS REVEALS TRIPLET INDIVIDUALITY AND DEVELOPMENTAL MODIFICATIONS1. <i>Journal of Phycology</i> , 1993, 29, 191-202.	2.3	9
28	THE LONG AND THE SHORT OF FLAGELLAR LENGTH CONTROL. <i>Journal of Phycology</i> , 2003, 39, 837-839.	2.3	5
29	Detection of Endogenous Phosphatidylinositol 4,5-bisphosphate in <i>Phytophthora cinnamomi</i> . <i>Lipids</i> , 2018, 53, 835-839.	1.7	1