

# Rodney J Devenish

## List of Publications by Year in descending order

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46  
papers

11,842  
citations

257450

24  
h-index

233421

45  
g-index

46  
all docs

46  
docs citations

46  
times ranked

23604  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	9.1	2,064
4	Microautophagy in mammalian cells: Revisiting a 40-year-old conundrum. <i>Autophagy</i> , 2011, 7, 673-682.	9.1	426
5	The <i>Burkholderia pseudomallei</i> Type III Secretion System and BopA Are Required for Evasion of LC3-Associated Phagocytosis. <i>PLoS ONE</i> , 2011, 6, e17852.	2.5	140
6	Stimulation of autophagy suppresses the intracellular survival of <i>Burkholderia pseudomallei</i> in mammalian cell lines. <i>Autophagy</i> , 2008, 4, 744-753.	9.1	134
7	Strategies for Intracellular Survival of <i>Burkholderia pseudomallei</i> . <i>Frontiers in Microbiology</i> , 2011, 2, 170.	3.5	106
8	LC3-Associated Phagocytosis (LAP): Connections with Host Autophagy. <i>Cells</i> , 2012, 1, 396-408.	4.1	100
9	The oligomycin axis of mitochondrial ATP synthase: OSCP and the proton channel. <i>Journal of Bioenergetics and Biomembranes</i> , 2000, 32, 507-515.	2.3	96
10	The Structure and Function of Mitochondrial F <sub>1</sub> F <sub>0</sub> -ATP Synthases. <i>International Review of Cell and Molecular Biology</i> , 2008, 267, 1-58.	3.2	95
11	Receptor protein complexes are in control of autophagy. <i>Autophagy</i> , 2012, 8, 1701-1705.	9.1	77
12	The intricacy of nuclear membrane dynamics during nucleophagy. <i>Nucleus</i> , 2010, 1, 213-223.	2.2	69
13	Duplication of leader sequence for protein targeting to mitochondria leads to increased import efficiency. <i>FEBS Letters</i> , 1991, 282, 425-430.	2.8	52
14	The impact of autophagic processes on the intracellular fate of <i>Helicobacter pylori</i> . <i>Autophagy</i> , 2013, 9, 639-652.	9.1	51
15	Identification of subunit g of yeast mitochondrial F <sub>1</sub> F <sub>0</sub> -ATP synthase, a protein required for maximal activity of cytochrome c oxidase. <i>FEBS Journal</i> , 1999, 262, 315-323.	0.2	49
16	A cytochrome c-GFP fusion is not released from mitochondria into the cytoplasm upon expression of Bax in yeast cells. <i>FEBS Letters</i> , 2000, 471, 235-239.	2.8	44
17	Autophagy and Vacuole Homeostasis: A Case for Self-Degradation?. <i>Autophagy</i> , 2007, 3, 417-421.	9.1	39
18	Studies on the import into mitochondria of yeast ATP synthase subunits 8 and 9 encoded by artificial nuclear genes. <i>FEBS Letters</i> , 1988, 236, 501-505.	2.8	38

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19	Assembly of imported subunit 8 into the ATP synthase complex of isolated yeast mitochondria. FEBS Journal, 1990, 188, 421-429.	0.2	37
20	The C-terminal positively charged region of subunit 8 of yeast mitochondrial ATP synthase is required for efficient assembly of this subunit into the membrane FO sector. FEBS Journal, 1991, 199, 203-209.	0.2	28
21	Role for the Burkholderia pseudomallei Type Three Secretion System Cluster 1 bpscN Gene in Virulence. Infection and Immunity, 2011, 79, 3659-3664.	2.2	28
22	Beclin 1 Is Required for Starvation-Enhanced, but Not Rapamycin-Enhanced, LC3-Associated Phagocytosis of Burkholderia pseudomallei in RAW 264.7 Cells. Infection and Immunity, 2013, 81, 271-277.	2.2	26
23	Identification of a 66 kDa protein associated with yeast mitochondrial ATP synthase as heat shock protein hsp60. FEBS Letters, 1990, 268, 265-268.	2.8	24
24	A novel fluorescent marker for assembled mitochondria ATP synthase of yeast. FEBS Letters, 1997, 411, 97-101.	2.8	24
25	Autophagy mechanism and physiological relevance brewed from yeast studies. Frontiers in Bioscience - Scholar, 2012, S4, 1354-1363.	2.1	24
26	Expression of IFN A genes in subpopulations of peripheral blood cells. British Journal of Haematology, 1994, 86, 717-725.	2.5	22
27	Bioenergetic and structural consequences of allotopic expression of subunit 8 of yeast mitochondrial ATP synthase. The hydrophobic character of residues 23 and 24 is essential for maximal activity and structural stability of the enzyme complex. FEBS Journal, 1999, 261, 444-451.	0.2	22
28	Impaired placental autophagy in placental malaria. PLoS ONE, 2017, 12, e0187291.	2.5	22
29	Topology and proximity relationships of yeast mitochondrial ATP synthase subunit 8 determined by unique introduced cysteine residues. FEBS Journal, 2000, 267, 6443-6451.	0.2	20
30	Evolutionary Analysis of Burkholderia pseudomallei Identifies Putative Novel Virulence Genes, Including a Microbial Regulator of Host Cell Autophagy. Journal of Bacteriology, 2013, 195, 5487-5498.	2.2	16
31	Burkholderia pseudomallei Type III Secretion System Cluster 3 ATPase BsaS, a Chemotherapeutic Target for Small-Molecule ATPase Inhibitors. Infection and Immunity, 2015, 83, 1276-1285.	2.2	16
32	Autophagy and Burkholderia. Immunology and Cell Biology, 2015, 93, 18-24.	2.3	16
33	Evidence for the recruitment of autophagic vesicles in human brain after stroke. Neurochemistry International, 2016, 96, 62-68.	3.8	16
34	Post-transcriptional regulation of interferon-alpha 4 subtype production by lymphoblastoid cells. Hematological Oncology, 1993, 11, 7-21.	1.7	15
35	Analysis of the Relative Contribution of Phagocytosis, LC3-Associated Phagocytosis, and Canonical Autophagy During Helicobacter pylori Infection of Macrophages. Helicobacter, 2015, 20, 449-459.	3.5	15
36	Chapter 9 Monitoring Organelle Turnover in Yeast Using Fluorescent Protein Tags. Methods in Enzymology, 2008, 451, 109-131.	1.0	11

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37	Autophagy in Development, Cell Differentiation, and Homeodynamics: From Molecular Mechanisms to Diseases and Pathophysiology. <i>BioMed Research International</i> , 2014, 2014, 1-2.	1.9	11
38	Modulation at a distance of proton conductance through the <i>Saccharomyces cerevisiae</i> mitochondrial F1FO-ATP synthase by variants of the oligomycin sensitivity-conferring protein containing substitutions near the C-terminus. <i>Journal of Bioenergetics and Biomembranes</i> , 2000, 32, 595-607.	2.3	10
39	Inhibition of bioenergetics provides novel insights into recruitment of <scp>PINK</scp> 1â€dependent neuronal mitophagy. <i>Journal of Neurochemistry</i> , 2019, 149, 269-283.	3.9	10
40	Autophagy: Starvation Relieves Transcriptional Repression of ATG Genes. <i>Current Biology</i> , 2015, 25, R238-R240.	3.9	8
41	Nonâ€functional variants of yeast mitochondrial ATP synthase subunit 8 that assemble into the complex. <i>IUBMB Life</i> , 1996, 39, 253-260.	3.4	6
42	The <i>Burkholderia pseudomallei</i> Proteins BapA and BapC Are Secreted TTSS3 Effectors and BapB Levels Modulate Expression of BopE. <i>PLoS ONE</i> , 2015, 10, e0143916.	2.5	5
43	Detection of interferon-alpha expression by PCR in patients with chronic hepatitis C and hepatitis non-A, non-B. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1994, 9, 373-380.	2.8	3
44	Disruption of the <i>Burkholderia pseudomallei</i> two-component signal transduction system Bber-BbeS leads to increased extracellular DNA secretion and altered biofilm formation. <i>Veterinary Microbiology</i> , 2020, 242, 108603.	1.9	2
45	X-Ray Crystal Structure and Properties of Phanta, a Weakly Fluorescent Photochromic GFP-Like Protein. <i>PLoS ONE</i> , 2015, 10, e0123338.	2.5	2
46	Relationship of Subunit 8 of Yeast ATP Synthase and the Inner Mitochondrial Membrane. <i>FEBS Journal</i> , 1995, 227, 745-752.	0.2	0