Ronald Balczon

List of Publications by Year in Descending Order

28 papers	496 citations	12 h-index	22 g-index
29 ext. papers	564 ext. citations	3.5 avg, IF	3.34 L-index

#	Paper	IF	Citations
28	Cytotoxic tau released from lung microvascular endothelial cells upon infection with Pseudomonas aeruginosa promotes neuronal tauopathy.. *Journal of Biological Chemistry*, **2021**, 298, 101482	5.4	1
27	Carbonic Anhydrase IX and Hypoxia Promote Rat Pulmonary Endothelial Cell Survival during Infection. *American Journal of Respiratory Cell and Molecular Biology*, **2021**, 65, 630-645	5.7	0
26	Pneumonia initiates a tauopathy. *FASEB Journal*, **2021**, 35, e21807	0.9	4
25	Virulent Pseudomonas aeruginosa infection converts antimicrobial amyloids into cytotoxic prions. *FASEB Journal*, **2020**, 34, 9156-9179	0.9	11
24	Pneumonia-induced endothelial amyloids reduce dendritic spine density in brain neurons. *Scientific Reports*, **2020**, 10, 9327	4.9	3
23	Development of an endothelial cell-restricted transgenic reporter rat: a resource for physiological studies of vascular biology. *American Journal of Physiology - Heart and Circulatory Physiology*, **2020**, 319, H349-H358	5.2	4
22	Cystatin C regulates the cytotoxicity of infection-induced endothelial-derived □amyloid. *FEBS Open Bio*, **2020**, 10, 2464-2477	2.7	1
21	Infection-induced endothelial amyloids impair memory. *FASEB Journal*, **2019**, 33, 10300-10314	0.9	8
20	Methods for Detecting Cytotoxic Amyloids Following Infection of Pulmonary Endothelial Cells by Pseudomonas aeruginosa. *Journal of Visualized Experiments*, **2018**,	1.6	5
19	Nosocomial Pneumonia Elicits an Endothelial Proteinopathy: Evidence for a Source of Neurotoxic Amyloids in Critically Ill Patients. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 198, 1575-1578	10.2	10
18	infection liberates transmissible, cytotoxic prion amyloids. *FASEB Journal*, **2017**, 31, 2785-2796	0.9	18
17	The Pseudomonas aeruginosa Exoenzyme Y: A Promiscuous Nucleotidyl Cyclase Edema Factor and Virulence Determinant. *Handbook of Experimental Pharmacology*, **2017**, 238, 67-85	3.2	17
16	Pseudomonas aeruginosa exoenzymes U and Y induce a transmissible endothelial proteinopathy. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2016**, 310, L337-53	5.8	25
15	The Pseudomonas aeruginosa exoenzyme Y impairs endothelial cell proliferation and vascular repair following lung injury. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2014**, 306, L915-24	5.8	52
14	Pseudomonas aeruginosa exotoxin Y-mediated tau hyperphosphorylation impairs microtubule assembly in pulmonary microvascular endothelial cells. *PLoS ONE*, **2013**, 8, e74343	3.7	34
13	Pseudomonas aeruginosa exotoxin Y is a promiscuous cyclase that increases endothelial tau phosphorylation and permeability. *Journal of Biological Chemistry*, **2012**, 287, 25407-18	5.4	68
12	Cold exposure reveals two populations of microtubules in pulmonary endothelia. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2011**, 300, L132-8	5.8	23

11	Analysis of detached human kinetochores. *Chromosoma*, **2003**, 112, 96-102	2.8	1
10	Overexpression of cyclin A in human HeLa cells induces detachment of kinetochores and spindle pole/centrosome overproduction. *Chromosoma*, **2001**, 110, 381-92	2.8	41
9	Androgen and taxol cause cell type-specific alterations of centrosome and DNA organization in androgen-responsive LNCaP and androgen-independent DU145 prostate cancer cells. *Journal of Cellular Biochemistry*, **2000**, 76, 463-477	4.7	15
8	Role for microtubules in centrosome doubling in Chinese hamster ovary cells. *Cytoskeleton*, **1999**, 42, 60-72		48
7	Role for microtubules in centrosome doubling in chinese hamster ovary cells **1999**, 42, 60		3
6	Localization of autoepitopes on the PCM-1 autoantigen using scleroderma sera with autoantibodies against the centrosome. *Molecular Biology Reports*, **1998**, 25, 111-9	2.8	6
5	Centrosome Proliferation in the Human Androgen-Responsive LNCaP and the Androgen-Independent DU145 Prostate Cancer Cell Lines. *Microscopy and Microanalysis*, **1998**, 4, 1066-1067	0.5	3
4	Suppression of the expression of a pancreatic beta-cell form of the kinesin heavy chain by antisense oligonucleotides inhibits insulin secretion from primary cultures of mouse beta-cells. *Endocrinology*, **1997**, 138, 1979-87	4.8	41
3	Autoepitope mapping of the centrosome autoantigen PCM-1 using scleroderma sera with anticentrosome autoantibodies. *Autoimmunity*, **1995**, 22, 219-28	3	7
2	The identification of mammalian centrosomal antigens using human autoimmune anticentrosome antisera. *Cytoskeleton*, **1991**, 20, 121-35		37
1	Suppression of the Expression of a Pancreatic □Cell Form of the Kinesin Heavy Chain by Antisense Oligonucleotides Inhibits Insulin Secretion from Primary Cultures of Mouse □Cells		10