

Ronald Balczon

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	<i>Pseudomonas aeruginosa</i> exotoxin Y is a promiscuous cyclase that increases endothelial tau phosphorylation and permeability. <i>Journal of Biological Chemistry</i> , 2012 , 287, 25407-18	5.4	68
27	The <i>Pseudomonas aeruginosa</i> exoenzyme Y impairs endothelial cell proliferation and vascular repair following lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014 , 306, L915-24	5.8	52
26	Role for microtubules in centrosome doubling in Chinese hamster ovary cells. <i>Cytoskeleton</i> , 1999 , 42, 60-72		48
25	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. <i>Endocrinology</i> , 1997 , 138, 1979-87	4.8	41
24	Overexpression of cyclin A in human HeLa cells induces detachment of kinetochores and spindle pole/centrosome overproduction. <i>Chromosoma</i> , 2001 , 110, 381-92	2.8	41
23	The identification of mammalian centrosomal antigens using human autoimmune anticentrosome antisera. <i>Cytoskeleton</i> , 1991 , 20, 121-35		37
22	<i>Pseudomonas aeruginosa</i> exotoxin Y-mediated tau hyperphosphorylation impairs microtubule assembly in pulmonary microvascular endothelial cells. <i>PLoS ONE</i> , 2013 , 8, e74343	3.7	34
21	<i>Pseudomonas aeruginosa</i> exoenzymes U and Y induce a transmissible endothelial proteinopathy. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 310, L337-53	5.8	25
20	Cold exposure reveals two populations of microtubules in pulmonary endothelia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011 , 300, L132-8	5.8	23
19	infection liberates transmissible, cytotoxic prion amyloids. <i>FASEB Journal</i> , 2017 , 31, 2785-2796	0.9	18
18	The <i>Pseudomonas aeruginosa</i> Exoenzyme Y: A Promiscuous Nucleotidyl Cyclase Edema Factor and Virulence Determinant. <i>Handbook of Experimental Pharmacology</i> , 2017 , 238, 67-85	3.2	17
17	Androgen and taxol cause cell type-specific alterations of centrosome and DNA organization in androgen-responsive LNCaP and androgen-independent DU145 prostate cancer cells. <i>Journal of Cellular Biochemistry</i> , 2000 , 76, 463-477	4.7	15
16	Virulent <i>Pseudomonas aeruginosa</i> infection converts antimicrobial amyloids into cytotoxic prions. <i>FASEB Journal</i> , 2020 , 34, 9156-9179	0.9	11
15	Suppression of the Expression of a Pancreatic βCell Form of the Kinesin Heavy Chain by Antisense Oligonucleotides Inhibits Insulin Secretion from Primary Cultures of Mouse βCells		10
14	Nosocomial Pneumonia Elicits an Endothelial Proteinopathy: Evidence for a Source of Neurotoxic Amyloids in Critically Ill Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1575-1578	10.2	10
13	Infection-induced endothelial amyloids impair memory. <i>FASEB Journal</i> , 2019 , 33, 10300-10314	0.9	8
12	Autoepitope mapping of the centrosome autoantigen PCM-1 using scleroderma sera with anticentrosome autoantibodies. <i>Autoimmunity</i> , 1995 , 22, 219-28	3	7

11	Localization of autoepitopes on the PCM-1 autoantigen using scleroderma sera with autoantibodies against the centrosome. <i>Molecular Biology Reports</i> , 1998 , 25, 111-9	2.8	6
10	Methods for Detecting Cytotoxic Amyloids Following Infection of Pulmonary Endothelial Cells by <i>Pseudomonas aeruginosa</i> . <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	5
9	Development of an endothelial cell-restricted transgenic reporter rat: a resource for physiological studies of vascular biology. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 319, H349-H358	5.2	4
8	Pneumonia initiates a tauopathy. <i>FASEB Journal</i> , 2021 , 35, e21807	0.9	4
7	Pneumonia-induced endothelial amyloids reduce dendritic spine density in brain neurons. <i>Scientific Reports</i> , 2020 , 10, 9327	4.9	3
6	Centrosome Proliferation in the Human Androgen-Responsive LNCaP and the Androgen-Independent DU145 Prostate Cancer Cell Lines. <i>Microscopy and Microanalysis</i> , 1998 , 4, 1066-1067	0.5	3
5	Role for microtubules in centrosome doubling in chinese hamster ovary cells 1999 , 42, 60		3
4	Analysis of detached human kinetochores. <i>Chromosoma</i> , 2003 , 112, 96-102	2.8	1
3	Cytotoxic tau released from lung microvascular endothelial cells upon infection with <i>Pseudomonas aeruginosa</i> promotes neuronal tauopathy.. <i>Journal of Biological Chemistry</i> , 2021 , 298, 101482	5.4	1
2	Cystatin C regulates the cytotoxicity of infection-induced endothelial-derived β amyloid. <i>FEBS Open Bio</i> , 2020 , 10, 2464-2477	2.7	1
1	Carbonic Anhydrase IX and Hypoxia Promote Rat Pulmonary Endothelial Cell Survival during Infection. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 , 65, 630-645	5.7	0