

# Claire F Jessup

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7747993/publications.pdf>

Version: 2024-02-01

34  
papers

1,090  
citations

394421

19  
h-index

414414

32  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2031  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Diverse Metabolic Roles of Peripheral Serotonin. <i>Endocrinology</i> , 2017, 158, 1049-1063.	2.8	164
2	The $\beta$ -Cell/EC Axis: How Do Islet Cells Talk to Each Other?. <i>Diabetes</i> , 2014, 63, 3-11.	0.6	89
3	The gut microbiome regulates host glucose homeostasis via peripheral serotonin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19802-19804.	7.1	84
4	Regional differences in nutrient-induced secretion of gut serotonin. <i>Physiological Reports</i> , 2017, 5, e13199.	1.7	57
5	The nutrient-sensing repertoires of mouse enterochromaffin cells differ between duodenum and colon. <i>Neurogastroenterology and Motility</i> , 2017, 29, e13046.	3.0	52
6	Isolation of antigen-specific B cells. <i>Immunology and Cell Biology</i> , 2003, 81, 163-170.	2.3	50
7	Increased Expression of the Glucose-Responsive Gene, RCAN1, Causes Hypoinsulinemia, $\beta$ -Cell Dysfunction, and Diabetes. <i>Endocrinology</i> , 2012, 153, 5212-5221.	2.8	43
8	A Syntenic Cross Species Aneuploidy Genetic Screen Links RCAN1 Expression to $\beta$ -Cell Mitochondrial Dysfunction in Type 2 Diabetes. <i>PLoS Genetics</i> , 2016, 12, e1006033.	3.5	39
9	Preparation of human-mouse heterohybridomas against an immunising antigen. <i>Journal of Immunological Methods</i> , 2000, 246, 187-202.	1.4	33
10	Lentivirus-mediated gene transfer to the rat, ovine and human cornea. <i>Gene Therapy</i> , 2007, 14, 760-767.	4.5	33
11	T Cell Receptors are Structures Capable of Initiating Signaling in the Absence of Large Conformational Rearrangements. <i>Journal of Biological Chemistry</i> , 2012, 287, 13324-13335.	3.4	33
12	Endothelial Progenitor Cells Enhance Islet Engraftment, Influence $\beta$ -Cell Function, and Modulate Islet Connexin 36 Expression. <i>Cell Transplantation</i> , 2015, 24, 37-48.	2.5	31
13	The Sphingolipid Rheostat: A Potential Target for Improving Pancreatic Islet Survival and Function. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2011, 11, 262-272.	1.2	30
14	Regulator of Calcineurin 1 helps coordinate whole-body metabolism and thermogenesis. <i>EMBO Reports</i> , 2018, 19, .	4.5	30
15	Incorporation of endothelial progenitor cells into mosaic pseudoislets. <i>Islets</i> , 2011, 3, 73-79.	1.8	28
16	Gene Therapy to Improve Pancreatic Islet Transplantation for Type 1 Diabetes Mellitus. <i>Current Diabetes Reviews</i> , 2010, 6, 274-284.	1.3	26
17	RCAN1 Regulates Mitochondrial Function and Increases Susceptibility to Oxidative Stress in Mammalian Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-12.	4.0	26
18	Ultrastructural analysis, zinc transporters, glucose transporters and hormones expression in new world primate ( <i>Callithrix jacchus</i> ) and human pancreatic islets. <i>General and Comparative Endocrinology</i> , 2011, 174, 71-79.	1.8	23

#	ARTICLE	IF	CITATIONS
19	Gene therapy approaches to prolonging corneal allograft survival. Expert Opinion on Biological Therapy, 2004, 4, 1059-1071.	3.1	22
20	The Role of Accessory Cells in Islet Homeostasis. Current Diabetes Reports, 2018, 18, 117.	4.2	21
21	Insulin-Like Growth Factor-II (IGF-II) Prevents Proinflammatory Cytokine-Induced Apoptosis and Significantly Improves Islet Survival After Transplantation. Transplantation, 2013, 95, 671-678.	1.0	20
22	Fusion Pore Size Limits 5-HT Release From Single Enterochromaffin Cell Vesicles. Journal of Cellular Physiology, 2016, 231, 1593-1600.	4.1	20
23	Mechanisms of corneal allograft rejection and regional immunosuppression. Eye, 2009, 23, 1894-1897.	2.1	18
24	Local Gene Transfer to Modulate Rat Corneal Allograft Rejection. , 2005, 46, 1675.		17
25	Antigen-Encoding Bone Marrow Terminates Islet-Directed Memory CD8+ T-Cell Responses to Alleviate Islet Transplant Rejection. Diabetes, 2016, 65, 1328-1340.	0.6	16
26	FcγRIIb expression on human germinal center B lymphocytes. European Journal of Immunology, 2002, 32, 3736-3744.	2.9	15
27	Sphingosine kinase 2-deficiency mediated changes in spinal pain processing. Frontiers in Molecular Neuroscience, 2015, 8, 29.	2.9	15
28	Early exposure of interferon-β inhibits signal transducer and activator of transcription-6 signalling and nuclear factor-κB activation in a short-term monocyte-derived dendritic cell culture promoting α-FcγRIIb regulatory dendritic cells. Clinical and Experimental Immunology, 2012, 167, 447-458.	2.6	14
29	In vitro adenovirus mediated gene transfer to the human cornea. British Journal of Ophthalmology, 2005, 89, 658-661.	3.9	13
30	Diet differentially regulates enterochromaffin cell serotonin content, density and nutrient sensitivity in the mouse small and large intestine. Neurogastroenterology and Motility, 2020, 32, e13869.	3.0	11
31	The Fc Receptor for IgG (FcγRII; CD32) on human neonatal B lymphocytes. Human Immunology, 2001, 62, 679-685.	2.4	6
32	Local Sphingosine Kinase 1 Activity Improves Islet Transplantation. Diabetes, 2017, 66, 1301-1311.	0.6	5
33	Expression of an anti-CD4 single-chain antibody fragment from the donor cornea can prolong corneal allograft survival in inbred rats. British Journal of Ophthalmology, 2013, 97, 101-105.	3.9	3
34	Cellular Regulation of Peripheral Serotonin. , 2019, , 137-153.		3