Claire F Jessup

List of Publications by Year
in descending order

34 papers	1,090 citations	448610 19 h-index	466096 32 g-index
34 all docs	34 docs citations	34 times ranked	2187 citing authors

#	Article	IF	Citations
1	Diet differentially regulates enterochromaffin cell serotonin content, density and nutrient sensitivity in the mouse small and large intestine. Neurogastroenterology and Motility, 2020, 32, e13869.	1.6	11
2	The gut microbiome regulates host glucose homeostasis via peripheral serotonin. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19802-19804.	3.3	84
3	Cellular Regulation of Peripheral Serotonin. , 2019, , 137-153.		3
4	The Role of Accessory Cells in Islet Homeostasis. Current Diabetes Reports, 2018, 18, 117.	1.7	21
5	Regulator of Calcineurin 1 helps coordinate wholeâ€body metabolism and thermogenesis. EMBO Reports, 2018, 19, .	2.0	30
6	The nutrientâ€sensing repertoires of mouse enterochromaffin cells differ between duodenum and colon. Neurogastroenterology and Motility, 2017, 29, e13046.	1.6	52
7	Local Sphingosine Kinase 1 Activity Improves Islet Transplantation. Diabetes, 2017, 66, 1301-1311.	0.3	5
8	The Diverse Metabolic Roles of Peripheral Serotonin. Endocrinology, 2017, 158, 1049-1063.	1.4	164
9	Regional differences in nutrientâ€induced secretion of gut serotonin. Physiological Reports, 2017, 5, e13199.	0.7	57
10	A Syntenic Cross Species Aneuploidy Genetic Screen Links RCAN1 Expression to Î²-Cell Mitochondrial Dysfunction in Type 2 Diabetes. PLoS Genetics, 2016, 12, e1006033.	1.5	39
11	Fusion Pore Size Limits 5-HT Release From Single Enterochromaffin Cell Vesicles. Journal of Cellular Physiology, 2016, 231, 1593-1600.	2.0	20
12	Antigen-Encoding Bone Marrow Terminates Islet-Directed Memory CD8+ T-Cell Responses to Alleviate Islet Transplant Rejection. Diabetes, 2016, 65, 1328-1340.	0.3	16
13	Endothelial Progenitor Cells Enhance Islet Engraftment, Influence Î²-Cell Function, and Modulate Islet Connexin 36 Expression. Cell Transplantation, 2015, 24, 37-48.	1.2	31
14	Sphingosine kinase 2-deficiency mediated changes in spinal pain processing. Frontiers in Molecular Neuroscience, 2015, 8, 29.	1.4	15
15	RCAN1 Regulates Mitochondrial Function and Increases Susceptibility to Oxidative Stress in Mammalian Cells. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-12.	1.9	26
16	The Î²-Cell/EC Axis: How Do Islet Cells Talk to Each Other?. Diabetes, 2014, 63, 3-11.	0.3	89
17	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.	2.1	3
18	Insulin-Like Growth Factor-II (IGF-II) Prevents Proinflammatory Cytokine-Induced Apoptosis and Significantly Improves Islet Survival After Transplantation. Transplantation, 2013, 95, 671-678.	0.5	20

#	Article	IF	Citations
19	T Cell Receptors are Structures Capable of Initiating Signaling in the Absence of Large Conformational Rearrangements. Journal of Biological Chemistry, 2012, 287, 13324-13335.	1.6	33
20	Increased Expression of the Glucose-Responsive Gene, RCAN1, Causes Hypoinsulinemia, Î²-Cell Dysfunction, and Diabetes. Endocrinology, 2012, 153, 5212-5221.	1.4	43
21	Early exposure of interferon-Î³ inhibits signal transducer and activator of transcription-6 signalling and nuclear factor ÎºB activation in a short-term monocyte-derived dendritic cell culture promoting â€˜FASTâ€™ regulatory dendritic cells. Clinical and Experimental Immunology, 2012, 167, 447-458.	1.1	14
22	Ultrastructural analysis, zinc transporters, glucose transporters and hormones expression in new world primate (Callithrix jacchus) and human pancreatic islets. General and Comparative Endocrinology, 2011, 174, 71-79.	0.8	23
23	The Sphingolipid Rheostat: A Potential Target for Improving Pancreatic Islet Survival and Function. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2011, 11, 262-272.	0.6	30
24	Incorporation of endothelial progenitor cells into mosaic pseudoislets. Islets, 2011, 3, 73-79.	0.9	28
25	Gene Therapy to Improve Pancreatic Islet Transplantation for Type 1 Diabetes Mellitus. Current Diabetes Reviews, 2010, 6, 274-284.	0.6	26
26	Mechanisms of corneal allograft rejection and regional immunosuppression. Eye, 2009, 23, 1894-1897.	1.1	18
27	Lentivirus-mediated gene transfer to the rat, ovine and human cornea. Gene Therapy, 2007, 14, 760-767.	2.3	33
28	Local Gene Transfer to Modulate Rat Corneal Allograft Rejection. , 2005, 46, 1675.		17
29	In vitro adenovirus mediated gene transfer to the human cornea. British Journal of Ophthalmology, 2005, 89, 658-661.	2.1	13
30	Gene therapy approaches to prolonging corneal allograft survival. Expert Opinion on Biological Therapy, 2004, 4, 1059-1071.	1.4	22
31	Isolation of antigenâ€specific B cells. Immunology and Cell Biology, 2003, 81, 163-170.	1.0	50
32	Fc?RIIb expression on human germinal center B lymphocytes. European Journal of Immunology, 2002, 32, 3736-3744.	1.6	15
33	The Fc Receptor for IgG (FcÎ³RII; CD32) on human neonatal B lymphocytes. Human Immunology, 2001, 62, 679-685.	1.2	6
34	Preparation of humanâ€"mouse heterohybridomas against an immunising antigen. Journal of Immunological Methods, 2000, 246, 187-202.	0.6	33