

J Jason Collier

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,217
citations

331259

21
h-index

377514

34
g-index

45
all docs

45
docs citations

45
times ranked

2034
citing authors

#	ARTICLE	IF	CITATIONS
1	The alpha7 nicotinic acetylcholine receptor agonist GTS21 engages the glucagon-like peptide1 incretin hormone axis to lower levels of blood glucose in db/db mice. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1255-1266.	2.2	8
2	Artemisia dracunculus L. Ethanollic Extract and an Isolated Component, DMC2, Ameliorate Inflammatory Signaling in Pancreatic Î2-Cells via Inhibition of p38 MAPK. <i>Biomolecules</i> , 2022, 12, 708.	1.8	3
3	Pancreatic, but not myeloid-cell, expression of interleukin-1alpha is required for maintenance of insulin secretion and whole body glucose homeostasis. <i>Molecular Metabolism</i> , 2021, 44, 101140.	3.0	8
4	Î±-CGRP disrupts amylin fibrillization and regulates insulin secretion: implications on diabetes and migraine. <i>Chemical Science</i> , 2021, 12, 5853-5864.	3.7	6
5	Botanical Interventions to Improve Glucose Control and Options for Diabetes Therapy. <i>SN Comprehensive Clinical Medicine</i> , 2021, 3, 2465-2491.	0.3	5
6	Potent Anti-Inflammatory, Arylpyrazole-Based Glucocorticoid Receptor Agonists That Do Not Impair Insulin Secretion. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1568-1577.	1.3	3
7	Pioglitazone Reverses Markers of Islet Beta-Cell De-Differentiation in db/db Mice While Modulating Expression of Genes Controlling Inflammation and Browning in White Adipose Tissue from Insulin-Resistant Mice and Humans. <i>Biomedicines</i> , 2021, 9, 1189.	1.4	3
8	The Ubiquitin Ligase SIAH2 Negatively Regulates Glucocorticoid Receptor Activity and Abundance. <i>Biomedicines</i> , 2021, 9, 22.	1.4	2
9	Evidence that hindbrain astrocytes in the rat detect low glucose with a glucose transporter 2-phospholipase C-calcium release mechanism. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R38-R48.	0.9	13
10	Hepatic IKKÎµ expression is dispensable for high-fat feeding-induced increases in liver lipid content and alterations in glucose tolerance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E11-E21.	1.8	0
11	Response of Liver Metabolic Pathways to Ketogenic Diet and Exercise Are Not Additive. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 37-48.	0.2	5
12	Indirect, Non-Thermal Atmospheric Plasma Promotes Bacterial Killing in vitro and Wound Disinfection in vivo Using Monogenic and Polygenic Models of Type 2 Diabetes (Without Adverse Metabolic) <i>Tj ETQq0 0 0 rgBT10verlock&10 Tf 50 20</i>		
13	Mechanisms of Artemisia scoparia's Anti-Inflammatory Activity in Cultured Adipocytes, Macrophages, and Pancreatic Î2-Cells. <i>Obesity</i> , 2020, 28, 1726-1735.	1.5	8
14	One week of continuous corticosterone exposure impairs hepatic metabolic flexibility, promotes islet Î2-cell proliferation, and reduces physical activity in male C57BL/6J mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 195, 105468.	1.2	14
15	Low-intensity exercise induces acute shifts in liver and skeletal muscle substrate metabolism but not chronic adaptations in tissue oxidative capacity. <i>Journal of Applied Physiology</i> , 2019, 127, 143-156.	1.2	19
16	Sleep fragmentation delays wound healing in a mouse model of type 2 diabetes. <i>Sleep</i> , 2018, 41, .	0.6	9
17	Liquid Sucrose Consumption Promotes Obesity and Impairs Glucose Tolerance Without Altering Circulating Insulin Levels. <i>Obesity</i> , 2018, 26, 1188-1196.	1.5	19
18	Pancreatic deletion of the interleukin-1 receptor disrupts whole body glucose homeostasis and promotes islet Î2-cell de-differentiation. <i>Molecular Metabolism</i> , 2018, 14, 95-107.	3.0	45

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19	Oral Corticosterone Administration Reduces Insulinitis but Promotes Insulin Resistance and Hyperglycemia in Male Nonobese Diabetic Mice. <i>American Journal of Pathology</i> , 2017, 187, 614-626.	1.9	23
20	Pancreatic islet inflammation: an emerging role for chemokines. <i>Journal of Molecular Endocrinology</i> , 2017, 59, R33-R46.	1.1	36
21	What's New in Shock, November 2017?. <i>Shock</i> , 2017, 48, 501-503.	1.0	0
22	db/db Mice Exhibit Features of Human Type 2 Diabetes That Are Not Present in Weight-Matched C57BL/6J Mice Fed a Western Diet. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-17.	1.0	101
23	Pancreatic Islet Responses to Metabolic Trauma. <i>Shock</i> , 2016, 46, 230-238.	1.0	23
24	Metabolic Responses to Dietary Protein Restriction Require an Increase in FGF21 that Is Delayed by the Absence of GCN2. <i>Cell Reports</i> , 2016, 16, 707-716.	2.9	146
25	Pancreatic β -Cell production of CXCR3 ligands precedes diabetes onset. <i>BioFactors</i> , 2016, 42, 703-715.	2.6	32
26	Transcriptional Regulation of Chemokine Genes: A Link to Pancreatic Islet Inflammation?. <i>Biomolecules</i> , 2015, 5, 1020-1034.	1.8	24
27	Thiobenzothiazole-modified Hydrocortisones Display Anti-inflammatory Activity with Reduced Impact on Islet β -Cell Function. <i>Journal of Biological Chemistry</i> , 2015, 290, 13401-13416.	1.6	9
28	Dietary polyherbal supplementation decreases CD3+ cell infiltration into pancreatic islets and prevents hyperglycemia in nonobese diabetic mice. <i>Nutrition Research</i> , 2015, 35, 328-336.	1.3	10
29	CCL20 is elevated during obesity and differentially regulated by NF- κ B subunits in pancreatic β -cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015, 1849, 637-652.	0.9	37
30	IL-1 β reciprocally regulates chemokine and insulin secretion in pancreatic β -cells via NF- κ B. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E715-E726.	1.8	66
31	NF- κ B and STAT1 control CXCL1 and CXCL2 gene transcription. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E131-E149.	1.8	124
32	Transcription of the gene encoding TNF- α is increased by IL-1 β in rat and human islets and β -cell lines. <i>Molecular Immunology</i> , 2014, 62, 54-62.	1.0	32
33	Turmeric and Chinese goldthread synergistically inhibit prostate cancer cell proliferation and NF- κ B signaling. <i>Functional Foods in Health and Disease</i> , 2014, 4, 312.	0.3	10
34	Synergistic Expression of the CXCL10 Gene in Response to IL-1 β and IFN- γ Involves NF- κ B, Phosphorylation of STAT1 at Tyr701, and Acetylation of Histones H3 and H4. <i>Journal of Immunology</i> , 2013, 191, 323-336.	0.4	50
35	Regulation of iNOS Gene Transcription by IL-1 β and IFN- γ Requires a Coactivator Exchange Mechanism. <i>Molecular Endocrinology</i> , 2013, 27, 1724-1742.	3.7	39
36	The effects of NOD activation on adipocyte differentiation. <i>Obesity</i> , 2013, 21, 737-747.	1.5	32

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37	Regulation of the CCL2 Gene in Pancreatic β -Cells by IL-1 β and Glucocorticoids: Role of MKP-1. PLoS ONE, 2012, 7, e46986.	1.1	29
38	Pancreatic β -Cell Death in Response to Pro-Inflammatory Cytokines Is Distinct from Genuine Apoptosis. PLoS ONE, 2011, 6, e22485.	1.1	65
39	The gene encoding cyclooxygenase-2 is regulated by IL-1 β and prostaglandins in 832/13 rat insulinoma cells. Cellular Immunology, 2011, 271, 379-384.	1.4	27
40	Zyflamend Reduces the Expression of Androgen Receptor in a Model of Castrate-Resistant Prostate Cancer. Nutrition and Cancer, 2011, 63, 1287-1296.	0.9	22
41	cAMP Prevents Glucose-Mediated Modifications of Histone H3 and Recruitment of the RNA Polymerase II Holoenzyme to the L-PK Gene Promoter. Journal of Molecular Biology, 2009, 392, 578-588.	2.0	23
42	Pro- and Antiapoptotic Proteins Regulate Apoptosis but Do Not Protect Against Cytokine-Mediated Cytotoxicity in Rat Islets and β -Cell Lines. Diabetes, 2006, 55, 1398-1406.	0.3	63
43	Suppression of the proapoptotic proteins Bid, Bim, or Bad does not protect pancreatic beta cells against pro-inflammatory cytokines. FASEB Journal, 2006, 20, .	0.2	0
44	Phosphatidylinositol 3-kinase inhibitors reveal a unique mechanism of enhancing insulin secretion in 832/13 rat insulinoma cells. Biochemical and Biophysical Research Communications, 2004, 324, 1018-1023.	1.0	21