Susan J Burke

List of Publications by Year
in descending order

40 papers	1,171 citations	331670 21 h-index	395702 33 g-index
41 all docs	41 docs citations	41 times ranked	2068 citing authors

#	Article	IF	Citations
1	Artemisia dracunculus L. Ethanolic Extract and an Isolated Component, DMC2, Ameliorate Inflammatory Signaling in Pancreatic Î²-Cells via Inhibition of p38 MAPK. Biomolecules, 2022, 12, 708.	4.0	3
2	Pancreatic, but not myeloid-cell, expression of interleukin-1alpha is required for maintenance of insulin secretion and whole body glucose homeostasis. Molecular Metabolism, 2021, 44, 101140.	6.5	8
3	Î±-CGRP disrupts amylin fibrillization and regulates insulin secretion: implications on diabetes and migraine. Chemical Science, 2021, 12, 5853-5864.	7.4	6
4	Botanical Interventions to Improve Glucose Control and Options for Diabetes Therapy. SN Comprehensive Clinical Medicine, 2021, 3, 2465-2491.	0.6	5
5	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. Biomedicines, 2021, 9, 1189.	3.2	3
6	The Ubiquitin Ligase SIAH2 Negatively Regulates Glucocorticoid Receptor Activity and Abundance. Biomedicines, 2021, 9, 22.	3.2	2
7	Hepatic IKKÎµ expression is dispensable for high-fat feeding-induced increases in liver lipid content and alterations in glucose tolerance. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E11-E21.	3.5	0
8	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) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4		
9	Mechanisms of Artemisia scopariaâ€™s Antiâ€inflammatory Activity in Cultured Adipocytes, Macrophages, and Pancreatic Î²â€Cells. Obesity, 2020, 28, 1726-1735.	3.0	8
10	One week of continuous corticosterone exposure impairs hepatic metabolic flexibility, promotes islet Î²-cell proliferation, and reduces physical activity in male C57BL/6â€¯J mice. Journal of Steroid Biochemistry and Molecular Biology, 2019, 195, 105468.	2.5	14
11	Lipid peroxidation regulates podocyte migration and cytoskeletal structure through redox sensitive RhoA signaling. Redox Biology, 2018, 16, 248-254.	9.0	20
12	Sleep fragmentation delays wound healing in a mouse model of type 2 diabetes. Sleep, 2018, 41, .	1.1	9
13	Liquid Sucrose Consumption Promotes Obesity and Impairs Glucose Tolerance Without Altering Circulating Insulin Levels. Obesity, 2018, 26, 1188-1196.	3.0	19
14	Pancreatic deletion of the interleukin-1 receptor disrupts whole body glucose homeostasis and promotes islet Î²-cell de-differentiation. Molecular Metabolism, 2018, 14, 95-107.	6.5	45
15	Oral Corticosterone Administration Reduces Insulitis but Promotes Insulin Resistance and Hyperglycemia in Male Nonobese Diabetic Mice. American Journal of Pathology, 2017, 187, 614-626.	3.8	23
16	Pancreatic islet inflammation: an emerging role for chemokines. Journal of Molecular Endocrinology, 2017, 59, R33-R46.	2.5	36
17	What's New in Shock, November 2017?. Shock, 2017, 48, 501-503.	2.1	0
18	db/db Mice Exhibit Features of Human Type 2 Diabetes That Are Not Present in Weight-Matched C57BL/6J Mice Fed a Western Diet. Journal of Diabetes Research, 2017, 2017, 1-17.	2.3	101

#	Article	IF	Citations
19	Pancreatic Islet Responses to Metabolic Trauma. Shock, 2016, 46, 230-238.	2.1	23
20	Metabolic Responses to Dietary Protein Restriction Require an Increase in FGF21 that Is Delayed by the Absence of GCN2. Cell Reports, 2016, 16, 707-716.	6.4	146
21	Pancreatic Î²â€Cell production of CXCR3 ligands precedes diabetes onset. BioFactors, 2016, 42, 703-715.	5.4	32
22	An adenovirus-derived protein: A novel candidate for anti-diabetic drug development. Biochimie, 2016, 121, 140-150.	2.6	20
23	Transcriptional Regulation of Chemokine Genes: A Link to Pancreatic Islet Inflammation?. Biomolecules, 2015, 5, 1020-1034.	4.0	24
24	Thiobenzothiazole-modified Hydrocortisones Display Anti-inflammatory Activity with Reduced Impact on Islet Î²-Cell Function. Journal of Biological Chemistry, 2015, 290, 13401-13416.	3.4	9
25	Dietary polyherbal supplementation decreases CD3+ cell infiltration into pancreatic islets and prevents hyperglycemia in nonobese diabetic mice. Nutrition Research, 2015, 35, 328-336.	2.9	10
26	CCL20 is elevated during obesity and differentially regulated by NF-ÎºB subunits in pancreatic Î²-cells. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 637-652.	1.9	37
27	IL-1Î² reciprocally regulates chemokine and insulin secretion in pancreatic Î²-cells via NF-ÎºB. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E715-E726.	3.5	66
28	Insulitis and Diabetes: A Perspective on Islet Inflammation. Immunome Research, 2014, 01, .	0.1	4
29	NF-ÎºB and STAT1 control CXCL1 and CXCL2 gene transcription. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E131-E149.	3.5	124
30	Transcription of the gene encoding TNF-Î± is increased by IL-1Î² in rat and human islets and Î²-cell lines. Molecular Immunology, 2014, 62, 54-62.	2.2	32
31	Synergistic Expression of the CXCL10 Gene in Response to IL-1Î² and IFN-Î³ Involves NF-ÎºB, Phosphorylation of STAT1 at Tyr701, and Acetylation of Histones H3 and H4. Journal of Immunology, 2013, 191, 323-336.	0.8	50
32	Regulation of iNOS Gene Transcription by IL-1Î² and IFN-Î³ Requires a Coactivator Exchange Mechanism. Molecular Endocrinology, 2013, 27, 1724-1742.	3.7	39
33	The effects of NOD activation on adipocyte differentiation. Obesity, 2013, 21, 737-747.	3.0	32
34	Regulation of the CCL2 Gene in Pancreatic Î²-Cells by IL-1Î² and Glucocorticoids: Role of MKP-1. PLoS ONE, 2012, 7, e46986.	2.5	29
35	Pancreatic Î²-Cell Death in Response to Pro-Inflammatory Cytokines Is Distinct from Genuine Apoptosis. PLoS ONE, 2011, 6, e22485.	2.5	65
36	The gene encoding cyclooxygenase-2 is regulated by IL-1Î² and prostaglandins in 832/13 rat insulinoma cells. Cellular Immunology, 2011, 271, 379-384.	3.0	27

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37	cAMP opposes the glucoseâ€mediated induction of the Lâ€PK gene by preventing the recruitment of a complex containing ChREBP, HNF4Î±, and CBP. FASEB Journal, 2009, 23, 2855-2865.	0.5	31
38	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.	4.2	23
39	c-Myc and ChREBP regulate glucose-mediated expression of the L-type pyruvate kinase gene in INS-1-derived 832/13 cells. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E48-E56.	3.5	41
40	The Effects of NOD Activation on Adipocyte Differentiation. Obesity, 0, , .	3.0	2