Matthew Riopel

List of Publications by Year
in descending order

21 papers	1,498 citations	623188 14 h-index	794141 19 g-index
21 all docs	21 docs citations	21 times ranked	2867 citing authors

#	Article	IF	Citations
1	Adipose Tissue Macrophage-Derived Exosomal miRNAs Can Modulate InÂVivo and InÂVitro Insulin Sensitivity. Cell, 2017, 171, 372-384.e12.	13.5	858
2	Expansion of Islet-Resident Macrophages Leads to Inflammation Affecting Î² Cell Proliferation and Function in Obesity. Cell Metabolism, 2019, 29, 457-474.e5.	7.2	173
3	Knockdown of ANT2 reduces adipocyte hypoxia and improves insulin resistance in obesity. Nature Metabolism, 2019, 1, 86-97.	5.1	71
4	TAZ Is a Negative Regulator of PPARÎ³ Activity in Adipocytes and TAZ Deletion Improves Insulin Sensitivity and Glucose Tolerance. Cell Metabolism, 2020, 31, 162-173.e5.	7.2	61
5	Fibrin, a Scaffold Material for Islet Transplantation and Pancreatic Endocrine Tissue Engineering. Tissue Engineering - Part B: Reviews, 2015, 21, 34-44.	2.5	45
6	Ultrastructural and immunohistochemical analysis of the 8-20 week human fetal pancreas. Islets, 2014, 6, e982949.	0.9	44
7	Inhibition of Gsk3Î² activity improves Î²-cell function in c-Kit male mice. Laboratory Investigation, 2012, 92, 543-555.	1.7	40
8	Chronic fractalkine administration improves glucose tolerance and pancreatic endocrine function. Journal of Clinical Investigation, 2018, 128, 1458-1470.	3.9	27
9	Fibrin improves beta (INS-1) cell function, proliferation and survival through integrin Î±vÎ²3. Acta Biomaterialia, 2013, 9, 8140-8148.	4.1	26
10	Chromogranin A regulates vesicle storage and mitochondrial dynamics to influence insulin secretion. Cell and Tissue Research, 2017, 368, 487-501.	1.5	24
11	A survival Kit for pancreatic beta cells: stem cell factor and c-Kit receptor tyrosine kinase. Diabetologia, 2015, 58, 654-665.	2.9	23
12	Microbiota-Produced N-Formyl Peptide fMLF Promotes Obesity-Induced Glucose Intolerance. Diabetes, 2019, 68, 1415-1426.	0.3	23
13	CX3CL1-Fc treatment prevents atherosclerosis in Ldlr KO mice. Molecular Metabolism, 2019, 20, 89-101.	3.0	21
14	Hepatocyte-specific HIF-1Î± ablation improves obesity-induced glucose intolerance by reducing first-pass GLP-1 degradation. Science Advances, 2019, 5, eaaw4176.	4.7	20
15	Critical role of Î²1 integrin in postnatal beta-cell function and expansion. Oncotarget, 2017, 8, 62939-62952.	0.8	16
16	Inhibition of prolyl hydroxylases increases hepatic insulin and decreases glucagon sensitivity by an HIF-2Î±-dependent mechanism. Molecular Metabolism, 2020, 41, 101039.	3.0	12
17	Î²-cell insulin receptor deficiency duringin uterodevelopment induces an islet compensatory overgrowth response. Oncotarget, 2016, 7, 44927-44940.	0.8	8
18	Fibrin supports human fetal islet-epithelial cell differentiation via p70s6k and promotes vascular formation during transplantation. Laboratory Investigation, 2015, 95, 925-936.	1.7	5

#	Article	IF	Citations
19	HIF-2Î± Preserves Mitochondrial Activity and Glucose Sensing in Compensating Î²-Cells in Obesity. Diabetes, 2022, 71, 1508-1524.	0.3	1
20	The Protein Phosphatase PHLPP1 Suppresses Insulin Signaling and Inflammation in Mouse Model. FASEB Journal, 2018, 32, 670.55.	0.2	0
21	Letrozole Treatment of Pubertal Female Mice Results in Impaired Insulin Action in Skeletal Muscle. FASEB Journal, 2018, 32, lb382.	0.2	0