

# Matthew Riopel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2699246/publications.pdf>

Version: 2024-02-01

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	HIF-2 $\alpha$ Preserves Mitochondrial Activity and Glucose Sensing in Compensating $\beta$ -Cells in Obesity. <i>Diabetes</i> , 2022, 71, 1508-1524.	0.3	1
2	TAZ Is a Negative Regulator of PPAR $\beta$ Activity in Adipocytes and TAZ Deletion Improves Insulin Sensitivity and Glucose Tolerance. <i>Cell Metabolism</i> , 2020, 31, 162-173.e5.	7.2	61
3	Inhibition of prolyl hydroxylases increases hepatic insulin and decreases glucagon sensitivity by an HIF-2 $\alpha$ -dependent mechanism. <i>Molecular Metabolism</i> , 2020, 41, 101039.	3.0	12
4	Hepatocyte-specific HIF-1 $\alpha$ ablation improves obesity-induced glucose intolerance by reducing first-pass GLP-1 degradation. <i>Science Advances</i> , 2019, 5, eaaw4176.	4.7	20
5	Microbiota-Produced <i>N</i> -Formyl Peptide fMLF Promotes Obesity-Induced Glucose Intolerance. <i>Diabetes</i> , 2019, 68, 1415-1426.	0.3	23
6	CX3CL1-Fc treatment prevents atherosclerosis in Ldlr KO mice. <i>Molecular Metabolism</i> , 2019, 20, 89-101.	3.0	21
7	Expansion of Islet-Resident Macrophages Leads to Inflammation Affecting $\beta$ Cell Proliferation and Function in Obesity. <i>Cell Metabolism</i> , 2019, 29, 457-474.e5.	7.2	173
8	Knockdown of ANT2 reduces adipocyte hypoxia and improves insulin resistance in obesity. <i>Nature Metabolism</i> , 2019, 1, 86-97.	5.1	71
9	Chronic fractalkine administration improves glucose tolerance and pancreatic endocrine function. <i>Journal of Clinical Investigation</i> , 2018, 128, 1458-1470.	3.9	27
10	The Protein Phosphatase PHLPP1 Suppresses Insulin Signaling and Inflammation in Mouse Model. <i>FASEB Journal</i> , 2018, 32, 670.55.	0.2	0
11	Letrozole Treatment of Pubertal Female Mice Results in Impaired Insulin Action in Skeletal Muscle. <i>FASEB Journal</i> , 2018, 32, lb382.	0.2	0
12	Chromogranin A regulates vesicle storage and mitochondrial dynamics to influence insulin secretion. <i>Cell and Tissue Research</i> , 2017, 368, 487-501.	1.5	24
13	Adipose Tissue Macrophage-Derived Exosomal miRNAs Can Modulate In Vivo and In Vitro Insulin Sensitivity. <i>Cell</i> , 2017, 171, 372-384.e12.	13.5	858
14	Critical role of $\beta$ 1 integrin in postnatal beta-cell function and expansion. <i>Oncotarget</i> , 2017, 8, 62939-62952.	0.8	16
15	$\beta$ -cell insulin receptor deficiency during in utero development induces an islet compensatory overgrowth response. <i>Oncotarget</i> , 2016, 7, 44927-44940.	0.8	8
16	A survival Kit for pancreatic beta cells: stem cell factor and c-Kit receptor tyrosine kinase. <i>Diabetologia</i> , 2015, 58, 654-665.	2.9	23
17	Fibrin supports human fetal islet-epithelial cell differentiation via p70s6k and promotes vascular formation during transplantation. <i>Laboratory Investigation</i> , 2015, 95, 925-936.	1.7	5
18	Fibrin, a Scaffold Material for Islet Transplantation and Pancreatic Endocrine Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2015, 21, 34-44.	2.5	45

#	ARTICLE	IF	CITATIONS
19	Ultrastructural and immunohistochemical analysis of the 8-20 week human fetal pancreas. <i>Islets</i> , 2014, 6, e982949.	0.9	44
20	Fibrin improves beta (INS-1) cell function, proliferation and survival through integrin $\alpha 2 \beta 3$ . <i>Acta Biomaterialia</i> , 2013, 9, 8140-8148.	4.1	26
21	Inhibition of Gsk3 $\beta$ activity improves $\beta$ -cell function in c-Kit male mice. <i>Laboratory Investigation</i> , 2012, 92, 543-555.	1.7	40