Mark Ibberson

List of Publications by Year
in descending order

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24 papers	1,260 citations	643344 15 h-index	685536 24 g-index
29 all docs	29 docs citations	29 times ranked	3238 citing authors

#	Article	IF	Citations
1	Regenerating islet-derived protein 3Î±: A promising therapy for diabetes. Preliminary data in rodents and in humans. Heliyon, 2022, 8, e09944.	1.4	2
2	Sexually dimorphic roles for the type 2 diabetes-associated C2cd4b gene in murine glucose homeostasis. Diabetologia, 2021, 64, 850-864.	2.9	7
3	Chromatin 3D interaction analysis of the STARD10 locus unveils FCHSD2 as a regulator of insulin secretion. Cell Reports, 2021, 34, 108703.	2.9	4
4	Multi-omics profiling of living human pancreatic islet donors reveals heterogeneous beta cell trajectories towards type 2 diabetes. Nature Metabolism, 2021, 3, 1017-1031.	5.1	76
5	Plasma triacylglycerols are biomarkers of Î²-cell function in mice and humans. Molecular Metabolism, 2021, 54, 101355.	3.0	17
6	Persistent or Transient Human Î² Cell Dysfunction Induced by Metabolic Stress: Specific Signatures and Shared Gene Expression with Type 2 Diabetes. Cell Reports, 2020, 33, 108466.	2.9	65
7	Klf6 protects Î²-cells against insulin resistance-induced dedifferentiation. Molecular Metabolism, 2020, 35, 100958.	3.0	12
8	Integration of single-cell datasets reveals novel transcriptomic signatures of Î²-cells in human type 2 diabetes. NAR Genomics and Bioinformatics, 2020, 2, lqaa097.	1.5	15
9	Fostering improved human islet research: a European perspective. Diabetologia, 2019, 62, 1514-1516.	2.9	13
10	Use of preclinical models to identify markers of type 2 diabetes susceptibility and novel regulators of insulin secretion â€“ A step towards precision medicine. Molecular Metabolism, 2019, 27, S147-S154.	3.0	11
11	Metabolically phenotyped pancreatectomized patients as living donors for the study of islets in health and diabetes. Molecular Metabolism, 2019, 27, S1-S6.	3.0	12
12	Laser capture microdissection of human pancreatic islets reveals novel eQTLs associated with type 2 diabetes. Molecular Metabolism, 2019, 24, 98-107.	3.0	26
13	Systems biology of the IMIDIA biobank from organ donors and pancreatectomised patients defines a novel transcriptomic signature of islets from individuals with type 2 diabetes. Diabetologia, 2018, 61, 641-657.	2.9	131
14	The Expression of Aldolase B in Islets Is Negatively Associated With Insulin Secretion in Humans. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4373-4383.	1.8	42
15	Protective role of the ELOVL2/docosahexaenoic acid axis in glucolipotoxicity-induced apoptosis in rodent beta cells and human islets. Diabetologia, 2018, 61, 1780-1793.	2.9	32
16	Decreased STARD10 Expression Is Associated with Defective Insulin Secretion in Humans and Mice. American Journal of Human Genetics, 2017, 100, 238-256.	2.6	60
17	Plasma Dihydroceramides Are Diabetes Susceptibility Biomarker Candidates in Mice and Humans. Cell Reports, 2017, 18, 2269-2279.	2.9	168
18	Molecular phenotyping of multiple mouse strains under metabolic challenge uncovers a role for Elovl2 in glucose-induced insulin secretion. Molecular Metabolism, 2017, 6, 340-351.	3.0	42

#	Article	IF	Citations
19	A transcribed enhancer dictates mesendoderm specification in pluripotency. Nature Communications, 2017, 8, 1806.	5.8	56
20	Discovery and functional characterization of cardiovascular long noncoding RNAs. Journal of Molecular and Cellular Cardiology, 2015, 89, 17-26.	0.9	53
21	Genome-wide profiling of the cardiac transcriptome after myocardial infarction identifies novel heart-specific long non-coding RNAs. European Heart Journal, 2015, 36, 353-368.	1.0	244
22	LKB1 and AMPK differentially regulate pancreatic Î²â€cell identity. FASEB Journal, 2014, 28, 4972-4985.	0.2	71
23	Oxidative Phosphorylation Flexibility in the Liver of Mice Resistant to High-Fat Dietâ€“Induced Hepatic Steatosis. Diabetes, 2011, 60, 2216-2224.	0.3	30
24	Peroxisomal and Microsomal Lipid Pathways Associated with Resistance to Hepatic Steatosis and Reduced Pro-inflammatory State. Journal of Biological Chemistry, 2010, 285, 31011-31023.	1.6	63