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List of Publications by Year
in descending order

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24 papers	1,260 citations	567281 15 h-index	610901 24 g-index
29 all docs	29 docs citations	29 times ranked	2929 citing authors

#	Article	IF	Citations
1	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.	2.2	244
2	Plasma Dihydroceramides Are Diabetes Susceptibility Biomarker Candidates in Mice and Humans. Cell Reports, 2017, 18, 2269-2279.	6.4	168
3	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.	6.3	131
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.	11.9	76
5	LKB1 and AMPK differentially regulate pancreatic Î²â€cell identity. FASEB Journal, 2014, 28, 4972-4985.	0.5	71
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.	6.4	65
7	Peroxisomal and Microsomal Lipid Pathways Associated with Resistance to Hepatic Steatosis and Reduced Pro-inflammatory State. Journal of Biological Chemistry, 2010, 285, 31011-31023.	3.4	63
8	Decreased STARD10 Expression Is Associated with Defective Insulin Secretion in Humans and Mice. American Journal of Human Genetics, 2017, 100, 238-256.	6.2	60
9	A transcribed enhancer dictates mesendoderm specification in pluripotency. Nature Communications, 2017, 8, 1806.	12.8	56
10	Discovery and functional characterization of cardiovascular long noncoding RNAs. Journal of Molecular and Cellular Cardiology, 2015, 89, 17-26.	1.9	53
11	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.	6.5	42
12	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.	3.6	42
13	Protective role of the ELOVL2/docosahexaenoic acid axis in glucolipotoxicity-induced apoptosis in rodent beta cells and human islets. Diabetologia, 2018, 61, 1780-1793.	6.3	32
14	Oxidative Phosphorylation Flexibility in the Liver of Mice Resistant to High-Fat Dietâ€“Induced Hepatic Steatosis. Diabetes, 2011, 60, 2216-2224.	0.6	30
15	Laser capture microdissection of human pancreatic islets reveals novel eQTLs associated with type 2 diabetes. Molecular Metabolism, 2019, 24, 98-107.	6.5	26
16	Plasma triacylglycerols are biomarkers of Î²-cell function in mice and humans. Molecular Metabolism, 2021, 54, 101355.	6.5	17
17	Integration of single-cell datasets reveals novel transcriptomic signatures of Î²-cells in human type 2 diabetes. NAR Genomics and Bioinformatics, 2020, 2, lqaa097.	3.2	15
18	Fostering improved human islet research: a European perspective. Diabetologia, 2019, 62, 1514-1516.	6.3	13

#	Article	IF	Citations
19	Metabolically phenotyped pancreatectomized patients as living donors for the study of islets in health and diabetes. Molecular Metabolism, 2019, 27, S1-S6.	6.5	12
20	Klf6 protects Î²-cells against insulin resistance-induced dedifferentiation. Molecular Metabolism, 2020, 35, 100958.	6.5	12
21	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.	6.5	11
22	Sexually dimorphic roles for the type 2 diabetes-associated C2cd4b gene in murine glucose homeostasis. Diabetologia, 2021, 64, 850-864.	6.3	7
23	Chromatin 3D interaction analysis of the STARD10 locus unveils FCHSD2 as a regulator of insulin secretion. Cell Reports, 2021, 34, 108703.	6.4	4
24	Regenerating islet-derived protein 3Î±: A promising therapy for diabetes. Preliminary data in rodents and in humans. Heliyon, 2022, 8, e09944.	3.2	2