

Nicola L Beer

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,761
citations

567144

15
h-index

677027

22
g-index

37
all docs

37
docs citations

37
times ranked

7275
citing authors

#	ARTICLE	IF	CITATIONS
1	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47.	13.7	952
2	Loss-of-function mutations in SLC30A8 protect against type 2 diabetes. <i>Nature Genetics</i> , 2014, 46, 357-363.	9.4	428
3	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015, 47, 1415-1425.	9.4	365
4	The P446L variant in GCKR associated with fasting plasma glucose and triglyceride levels exerts its effect through increased glucokinase activity in liver. <i>Human Molecular Genetics</i> , 2009, 18, 4081-4088.	1.4	328
5	Assessing the phenotypic effects in the general population of rare variants in genes for a dominant Mendelian form of diabetes. <i>Nature Genetics</i> , 2013, 45, 1380-1385.	9.4	129
6	Loss of ZnT8 function protects against diabetes by enhanced insulin secretion. <i>Nature Genetics</i> , 2019, 51, 1596-1606.	9.4	96
7	Identification and Functional Characterization of G6PC2 Coding Variants Influencing Glycemic Traits Define an Effector Transcript at the G6PC2-ABCB11 Locus. <i>PLoS Genetics</i> , 2015, 11, e1004876.	1.5	95
8	Understanding human fetal pancreas development using subpopulation sorting, RNA sequencing and single-cell profiling. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	78
9	Type 2 diabetes risk alleles in PAM impact insulin release from human pancreatic β^2 -cells. <i>Nature Genetics</i> , 2018, 50, 1122-1131.	9.4	59
10	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017, 4, 170179.	2.4	31
11	Analysis of Differentiation Protocols Defines a Common Pancreatic Progenitor Molecular Signature and Guides Refinement of Endocrine Differentiation. <i>Stem Cell Reports</i> , 2020, 14, 138-153.	2.3	31
12	Derivation and molecular characterization of pancreatic differentiated MODY1-iPSCs. <i>Stem Cell Research</i> , 2018, 31, 16-26.	0.3	22
13	Discovery of a Novel Site Regulating Glucokinase Activity following Characterization of a New Mutation Causing Hyperinsulinemic Hypoglycemia in Humans. <i>Journal of Biological Chemistry</i> , 2011, 286, 19118-19126.	1.6	21
14	Insights into islet development and biology through characterization of a human iPSC-derived endocrine pancreas model. <i>Islets</i> , 2016, 8, 83-95.	0.9	21
15	NKX6.1 induced pluripotent stem cell reporter lines for isolation and analysis of functionally relevant neuronal and pancreas populations. <i>Stem Cell Research</i> , 2018, 29, 220-231.	0.3	18
16	Insights Into the Pathogenicity of Rare Missense <i>GCK</i> Variants From the Identification and Functional Characterization of Compound Heterozygous and Double Mutations Inherited in <i>Cis</i> . <i>Diabetes Care</i> , 2012, 35, 1482-1484.	4.3	15
17	Genes Associated with Pancreas Development and Function Maintain Open Chromatin in iPSCs Generated from Human Pancreatic Beta Cells. <i>Stem Cell Reports</i> , 2017, 9, 1395-1405.	2.3	15
18	Diverse type 2 diabetes genetic risk factors functionally converge in a phenotype-focused gene network. <i>PLoS Computational Biology</i> , 2017, 13, e1005816.	1.5	15

#	ARTICLE	IF	CITATIONS
19	Patterns of differential gene expression in a cellular model of human islet development, and relationship to type 2 diabetes predisposition. <i>Diabetologia</i> , 2018, 61, 1614-1622.	2.9	14
20	WFS1 protein expression correlates with clinical progression of optic atrophy in patients with Wolfram syndrome. <i>Journal of Medical Genetics</i> , 2022, 59, 65-74.	1.5	11
21	Genome-edited human stem cell-derived beta cells: a powerful tool for drilling down on type 2 diabetes GWAS biology. <i>F1000Research</i> , 2016, 5, 1711.	0.8	10