Nicola L Beer

List of Publications by Year
in descending order

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	WFS1 protein expression correlates with clinical progression of optic atrophy in patients with Wolfram syndrome. Journal of Medical Genetics, 2022, 59, 65-74.	1.5	11
2	Analysis of Differentiation Protocols Defines a Common Pancreatic Progenitor Molecular Signature and Guides Refinement of Endocrine Differentiation. Stem Cell Reports, 2020, 14, 138-153.	2.3	31
3	Loss of ZnT8 function protects against diabetes by enhanced insulin secretion. Nature Genetics, 2019, 51, 1596-1606.	9.4	96
4	Patterns of differential gene expression in a cellular model of human islet development, and relationship to type 2 diabetes predisposition. Diabetologia, 2018, 61, 1614-1622.	2.9	14
5	Derivation and molecular characterization of pancreatic differentiated MODY1-iPSCs. Stem Cell Research, 2018, 31, 16-26.	0.3	22
6	Type 2 diabetes risk alleles in PAM impact insulin release from human pancreatic Î²-cells. Nature Genetics, 2018, 50, 1122-1131.	9.4	59
7	Understanding human fetal pancreas development using subpopulation sorting, RNA sequencing and single-cell profiling. Development (Cambridge), 2018, 145, .	1.2	78
8	NKX6.1 induced pluripotent stem cell reporter lines for isolation and analysis of functionally relevant neuronal and pancreas populations. Stem Cell Research, 2018, 29, 220-231.	0.3	18
9	Genes Associated with Pancreas Development and Function Maintain Open Chromatin in iPSCs Generated from Human Pancreatic Beta Cells. Stem Cell Reports, 2017, 9, 1395-1405.	2.3	15
10	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. Scientific Data, 2017, 4, 170179.	2.4	31
11	Diverse type 2 diabetes genetic risk factors functionally converge in a phenotype-focused gene network. PLoS Computational Biology, 2017, 13, e1005816.	1.5	15
12	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	13.7	952
13	Insights into islet development and biology through characterization of a human iPSC-derived endocrine pancreas model. Islets, 2016, 8, 83-95.	0.9	21
14	Genome-edited human stem cell-derived beta cells: a powerful tool for drilling down on type 2 diabetes GWAS biology. F1000Research, 2016, 5, 1711.	0.8	10
15	Identification and Functional Characterization of G6PC2 Coding Variants Influencing Glycemic Traits Define an Effector Transcript at the G6PC2-ABCB11 Locus. PLoS Genetics, 2015, 11, e1004876.	1.5	95
16	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. Nature Genetics, 2015, 47, 1415-1425.	9.4	365
17	Loss-of-function mutations in SLC30A8 protect against type 2 diabetes. Nature Genetics, 2014, 46, 357-363.	9.4	428
18	Assessing the phenotypic effects in the general population of rare variants in genes for a dominant Mendelian form of diabetes. Nature Genetics, 2013, 45, 1380-1385.	9.4	129

#	Article	IF	Citations
19	Insights Into the Pathogenicity of Rare Missense GCK Variants From the Identification and Functional Characterization of Compound Heterozygous and Double Mutations Inherited in Cis. Diabetes Care, 2012, 35, 1482-1484.	4.3	15
20	Discovery of a Novel Site Regulating Glucokinase Activity following Characterization of a New Mutation Causing Hyperinsulinemic Hypoglycemia in Humans. Journal of Biological Chemistry, 2011, 286, 19118-19126.	1.6	21
21	The P446L variant in GCKR associated with fasting plasma glucose and triglyceride levels exerts its effect through increased glucokinase activity in liver. Human Molecular Genetics, 2009, 18, 4081-4088.	1.4	328