Rashmi B Prasad

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4502552/publications.pdf

Version: 2024-02-01

		236612	106150
71	5,354	25	65
papers	citations	h-index	g-index

89	89	89	9623
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Perinatal famine is associated with excess risk of proliferative retinopathy in patients with type 2 diabetes. Acta Ophthalmologica, 2022, 100, .	0.6	5
2	Subgroups of patients with young-onset type 2 diabetes in India reveal insulin deficiency as a major driver. Diabetologia, 2022, 65, 65-78.	2.9	34
3	100 YEARS OF INSULIN: Towards improved precision and a new classification of diabetes mellitus. Journal of Endocrinology, 2022, 252, R59-R70.	1.2	22
4	Mapping the Cord Blood Transcriptome of Pregnancies Affected by Early Maternal Anemia to Identify Signatures of Fetal Programming. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 1303-1316.	1.8	8
5	MAFA and MAFB regulate exocytosisâ€related genes in human Î²â€cells. Acta Physiologica, 2022, 234, e13761.	1.8	11
6	Ribosomal biogenesis regulator DIMT1 controls Î²-cell protein synthesis, mitochondrial function, and insulin secretion. Journal of Biological Chemistry, 2022, 298, 101692.	1.6	8
7	Multi-ancestry genome-wide association study of gestational diabetes mellitus highlights genetic links with type 2 diabetes. Human Molecular Genetics, 2022, 31, 3377-3391.	1.4	47
8	Human pancreatic islet miRNA-mRNA networks of altered miRNAs due to glycemic status. IScience, 2022, 25, 103995.	1.9	7
9	Lipid-Associated Variants near ANGPTL3 and LPL Show Parent-of-Origin Specific Effects on Blood Lipid Levels and Obesity. Genes, 2022, 13, 91.	1.0	0
10	Neuronal Dysfunction Is Linked to the Famine-Associated Risk of Proliferative Retinopathy in Patients With Type 2 Diabetes. Frontiers in Neuroscience, 2022, 16, .	1.4	1
11	SCRT1 is a novel beta cell transcription factor with insulin regulatory properties. Molecular and Cellular Endocrinology, 2021, 521, 111107.	1.6	4
12	The MafA-target gene PPP1R1A regulates GLP1R-mediated amplification of glucose-stimulated insulin secretion in Î²-cells. Metabolism: Clinical and Experimental, 2021, 118, 154734.	1.5	19
13	Genetic factors affect the susceptibility to bacterial infections in diabetes. Scientific Reports, 2021, 11, 9464.	1.6	2
14	Cohort profile: Epigenetics in Pregnancy (EPIPREG) â€“ population-based sample of European and South Asian pregnant women with epigenome-wide DNA methylation (850k) in peripheral blood leukocytes. PLoS ONE, 2021, 16, e0256158.	1.1	11
15	Genome-wide association analyses highlight etiological differences underlying newly defined subtypes of diabetes. Nature Genetics, 2021, 53, 1534-1542.	9.4	81
16	Association of single nucleotide polymorphisms with insulin secretion, insulin sensitivity, and diabetes in women with a history of gestational diabetes mellitus. BMC Medical Genomics, 2021, 14, 274.	0.7	6
17	Lifeâ€long impairment of glucose homeostasis upon prenatal exposure to psychostimulants. EMBO Journal, 2020, 39, e100882.	3.5	11
18	Robustness and lethality in multilayer biological molecular networks. Nature Communications, 2020, 11, 6043.	5.8	61

#	Article	IF	Citations
19	Blood-based epigenetic estimators of chronological age in human adults using DNA methylation data from the Illumina MethylationEPIC array. BMC Genomics, 2020, 21, 747.	1.2	14
20	Subtypes of Type 2 Diabetes Determined From Clinical Parameters. Diabetes, 2020, 69, 2086-2093.	0.3	103
21	Association between the rs1544410 polymorphism in the vitamin D receptor (VDR) gene and insulin secretion after gestational diabetes mellitus. PLoS ONE, 2020, 15, e0232297.	1.1	8
22	Ghrelin suppresses insulin secretion in human islets and type 2 diabetes patients have diminished islet ghrelin cell number and lower plasma ghrelin levels. Molecular and Cellular Endocrinology, 2020, 511, 110835.	1.6	25
23	Glucose-dependent insulinotropic peptide and risk of cardiovascular events and mortality: a prospective study. Diabetologia, 2020, 63, 1043-1054.	2.9	18
24	High Prevalence of Gestational Diabetes Mellitus in Rural Tanzaniaâ€"Diagnosis Mainly Based on Fasting Blood Glucose from Oral Glucose Tolerance Test. International Journal of Environmental Research and Public Health, 2020, 17, 3109.	1.2	7
25	Genetic variant effects on gene expression in human pancreatic islets and their implications for T2D. Nature Communications, 2020, 11, 4912.	5.8	89
26	MuscleAtlasExplorer: a web service for studying gene expression in human skeletal muscle. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	1.4	2
27	Title is missing!. , 2020, 15, e0232297.		0
28	Title is missing!. , 2020, 15, e0232297.		0
29	Title is missing!. , 2020, 15, e0232297.		0
30	Title is missing!. , 2020, 15, e0232297.		0
31	Heterogeneity of diabetes â€“ An Indian perspective. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 3065-3067.	1.8	4
32	Loss of MafA and MafB expression promotes islet inflammation. Scientific Reports, 2019, 9, 9074.	1.6	14
33	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	5.8	84
34	Loss of ZnT8 function protects against diabetes by enhanced insulin secretion. Nature Genetics, 2019, 51, 1596-1606.	9.4	96
35	FOETAL for NCDâ€"FOetal Exposure and Epidemiological Transitions: the role of Anaemia in early Life for Non-Communicable Diseases in later life: a prospective preconception study in rural Tanzania. BMJ Open, 2019, 9, e024861.	0.8	15
36	Genome editing of human pancreatic beta cell models: problems, possibilities and outlook. Diabetologia, 2019, 62, 1329-1336.	2.9	20

#	Article	IF	Citations
37	Phenotypic and genotypic differences between Indian and Scandinavian women with gestational diabetes mellitus. Journal of Internal Medicine, 2019, 286, 192-206.	2.7	12
38	RORB and RORC associate with human islet dysfunction and inhibit insulin secretion in INS-1 cells. Islets, 2019, 11, 10-20.	0.9	15
39	Precision medicine in type 2 diabetes. Journal of Internal Medicine, 2019, 285, 40-48.	2.7	76
40	1410-P: High Prevalence of Gestational Diabetes among Women in Rural District of North-Eastern Tanzania. Diabetes, 2019, 68, .	0.3	0
41	Novel subgroups of adult-onset diabetes and their association with outcomes: a data-driven cluster analysis of six variables. Lancet Diabetes and Endocrinology,the, 2018, 6, 361-369.	5.5	1,430
42	Haplotype Sharing Provides Insights into Fine-Scale Population History and Disease in Finland. American Journal of Human Genetics, 2018, 102, 760-775.	2.6	57
43	Role of osteopontin and its regulation in pancreatic islet. Biochemical and Biophysical Research Communications, 2018, 495, 1426-1431.	1.0	8
44	MafA Expression Preserves Immune Homeostasis in Human and Mouse Islets. Genes, 2018, 9, 644.	1.0	7
45	Turning Vice into Virtue: Using Batch-Effects to Detect Errors in Large Genomic Data Sets. Genome Biology and Evolution, 2018, 10, 2697-2708.	1.1	7
46	Novel diabetes subgroups â€“ Authors' reply. Lancet Diabetes and Endocrinology,the, 2018, 6, 440-441.	5.5	4
47	Controllability in an islet specific regulatory network identifies the transcriptional factor NFATC4, which regulates Type 2 Diabetes associated genes. Npj Systems Biology and Applications, 2018, 4, 25.	1.4	25
48	Genetics of Diabetes and Diabetic Complications. Endocrinology, 2018, , 1-60.	0.1	0
49	Association between genetic risk variants and glucose intolerance during pregnancy in north Indian women. BMC Medical Genomics, 2018, 11, 64.	0.7	13
50	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. Nature Communications, 2018, 9, 2252.	5.8	99
51	Silencing of the FTO gene inhibits insulin secretion: An in vitro study using GRINCH cells. Molecular and Cellular Endocrinology, 2018, 472, 10-17.	1.6	23
52	Genetic determinants of glucose levels in pregnancy: genetic risk scores analysis and GWAS in the Norwegian STORK cohort. European Journal of Endocrinology, 2018, 179, 363-372.	1.9	14
53	Genetics of Diabetes and Diabetic Complications. Endocrinology, 2018, , 81-139.	0.1	1
54	MECHANISMS IN ENDOCRINOLOGY: Epigenetic modifications and gestational diabetes: a systematic review of published literature. European Journal of Endocrinology, 2017, 176, R247-R267.	1.9	42

#	Article	IF	Citations
55	Glucose-Induced Changes in Gene Expression in Human Pancreatic Islets: Causes or Consequences of Chronic Hyperglycemia. Diabetes, 2017, 66, 3013-3028.	0.3	61
56	Insulin secretion and action in North Indian women during pregnancy. Diabetic Medicine, 2017, 34, 1477-1482.	1.2	5
57	Genetic determinants of circulating GIP and GLP-1 concentrations. JCI Insight, 2017, 2, .	2.3	46
58	Excess maternal transmission of variants in the THADA gene to offspring with type 2 diabetes. Diabetologia, 2016, 59, 1702-1713.	2.9	19
59	Single-Cell Sequencing of Human Pancreatic Isletsâ€"New Kids on the Block. Cell Metabolism, 2016, 24, 523-524.	7.2	7
60	Prevalence and risk factors of gestational diabetes in Punjab, North India: results from a population screening program. European Journal of Endocrinology, 2015, 173, 257-267.	1.9	75
61	Genetics of Type 2 Diabetesâ€"Pitfalls and Possibilities. Genes, 2015, 6, 87-123.	1.0	337
62	Genetics of Type 2 Diabetes: It Matters From Which Parent We Inherit the Risk. Review of Diabetic Studies, 2015, 12, 233-242.	0.5	28
63	A Central Role for GRB10 in Regulation of Islet Function in Man. PLoS Genetics, 2014, 10, e1004235.	1.5	164
64	Global genomic and transcriptomic analysis of human pancreatic islets reveals novel genes influencing glucose metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13924-13929.	3.3	407
65	MTHFR and MTRR genotype and haplotype analysis and colorectal cancer susceptibility in a caseâ€"control study from the Czech Republic. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 721, 74-80.	0.9	46
66	5â€Fluorouracilâ€based chemotherapy for colorectal cancer and MTHFR/MTRR genotypes. British Journal of Clinical Pharmacology, 2011, 72, 162-163.	1.1	85
67	Verification of the susceptibility loci on 7p12.2, 10q21.2, and 14q11.2 in precursor B-cell acute lymphoblastic leukemia of childhood. Blood, 2010, 115, 1765-1767.	0.6	142
68	Variation in CDKN2A at 9p21.3 influences childhood acute lymphoblastic leukemia risk. Nature Genetics, 2010, 42, 492-494.	9.4	248
69	A manually curated functional annotation of the human X chromosome. Nature Genetics, 2005, 37, 331-332.	9.4	16
70	BioBuilder as a database development and functional annotation platform for proteins. BMC Bioinformatics, 2004, 5, 43.	1.2	7
71	Development of Human Protein Reference Database as an Initial Platform for Approaching Systems Biology in Humans. Genome Research, 2003, 13, 2363-2371.	2.4	954