

# Neerja Karnani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4933870/publications.pdf>

Version: 2024-02-01

37  
papers

1,526  
citations

471061

17  
h-index

395343

33  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2929  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of genotype and in utero environment on interindividual variation in neonate DNA methylomes. <i>Genome Research</i> , 2014, 24, 1064-1074.	2.4	317
2	Mitochondrial oxidative capacity and NAD <sup>+</sup> biosynthesis are reduced in human sarcopenia across ethnicities. <i>Nature Communications</i> , 2019, 10, 5808.	5.8	159
3	The PedBE clock accurately estimates DNA methylation age in pediatric buccal cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23329-23335.	3.3	140
4	Large-Scale Whole-Genome Sequencing of Three Diverse Asian Populations in Singapore. <i>Cell</i> , 2019, 179, 736-749.e15.	13.5	126
5	Developmental pathways to adiposity begin before birth and are influenced by genotype, prenatal environment and epigenome. <i>BMC Medicine</i> , 2017, 15, 50.	2.3	97
6	Effects of Antenatal Maternal Depressive Symptoms and Socio-Economic Status on Neonatal Brain Development are Modulated by Genetic Risk. <i>Cerebral Cortex</i> , 2017, 27, 3080-3092.	1.6	90
7	<i>HIF3A</i> association with adiposity: the story begins before birth. <i>Epigenomics</i> , 2015, 7, 937-950.	1.0	68
8	Gene, Environment and Methylation (GEM): a tool suite to efficiently navigate large scale epigenome wide association studies and integrate genotype and interaction between genotype and environment. <i>BMC Bioinformatics</i> , 2016, 17, 299.	1.2	53
9	Comparison of Methyl-capture Sequencing vs. Infinium 450K methylation array for methylome analysis in clinical samples. <i>Epigenetics</i> , 2016, 11, 36-48.	1.3	47
10	Cohort profile: Singapore Preconception Study of Long-Term Maternal and Child Outcomes (S-PRESTO). <i>European Journal of Epidemiology</i> , 2021, 36, 129-142.	2.5	38
11	Ethnic diversity in infant gut microbiota is apparent before the introduction of complementary diets. <i>Gut Microbes</i> , 2020, 11, 1362-1373.	4.3	34
12	TIP60 represses activation of endogenous retroviral elements. <i>Nucleic Acids Research</i> , 2018, 46, 9456-9470.	6.5	33
13	Cell type-specific DNA methylation in neonatal cord tissue and cord blood: a 850K-reference panel and comparison of cell types. <i>Epigenetics</i> , 2018, 13, 941-958.	1.3	30
14	Maternal Prenatal Anxiety and the Fetal Origins of Epigenetic Aging. <i>Biological Psychiatry</i> , 2022, 91, 303-312.	0.7	29
15	Choice of surrogate tissue influences neonatal EWAS findings. <i>BMC Medicine</i> , 2017, 15, 211.	2.3	28
16	Analysis of two birth tissues provides new insights into the epigenetic landscape of neonates born preterm. <i>Clinical Epigenetics</i> , 2019, 11, 26.	1.8	23
17	Mismatch between poor fetal growth and rapid postnatal weight gain in the first 2 years of life is associated with higher blood pressure and insulin resistance without increased adiposity in childhood: the GUSTO cohort study. <i>International Journal of Epidemiology</i> , 2020, 49, 1591-1603.	0.9	23
18	Variability in newborn telomere length is explained by inheritance and intrauterine environment. <i>BMC Medicine</i> , 2022, 20, 20.	2.3	20

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19	Analyses of child cardiometabolic phenotype following assisted reproductive technologies using a pragmatic trial emulation approach. <i>Nature Communications</i> , 2021, 12, 5613.	5.8	19
20	Maternal Glycemic Dysregulation During Pregnancy and Neonatal Blood DNA Methylation: Meta-analyses of Epigenome-Wide Association Studies. <i>Diabetes Care</i> , 2022, 45, 614-623.	4.3	19
21	TIP60 inhibits metastasis by ablating DNMT1- and SNAIL2-driven epithelial-mesenchymal transition program. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 1-16.	1.5	17
22	Machine Learning-Driven Prenatal Predictive Risk Model to Guide Intervention and Prevent the Progression of Gestational Diabetes Mellitus to Type 2 Diabetes: Prediction Model Development Study. <i>JMIR Diabetes</i> , 2022, 7, e32366.	0.9	15
23	The placental lipidome of maternal antenatal depression predicts socio-emotional problems in the offspring. <i>Translational Psychiatry</i> , 2021, 11, 107.	2.4	11
24	Determinants of intramyocellular lipid accumulation in early childhood. <i>International Journal of Obesity</i> , 2020, 44, 1141-1151.	1.6	10
25	Genetic Link Determining the Maternal-Fetal Circulation of Vitamin D. <i>Frontiers in Genetics</i> , 2021, 12, 721488.	1.1	9
26	Complex genetic dependencies among growth and neurological phenotypes in healthy children: Towards deciphering developmental mechanisms. <i>PLoS ONE</i> , 2020, 15, e0242684.	1.1	9
27	Associations Between Eczema and Attention Deficit Hyperactivity Disorder Symptoms in Children. <i>Frontiers in Pediatrics</i> , 2022, 10, 837741.	0.9	9
28	Improving mass-univariate analysis of neuroimaging data by modelling important unknown covariates: Application to Epigenome-Wide Association Studies. <i>NeuroImage</i> , 2018, 173, 57-71.	2.1	8
29	HOXA9 is a novel myopia risk gene. <i>BMC Ophthalmology</i> , 2019, 19, 28.	0.6	8
30	Brown Adipose Tissue, Adiposity, and Metabolic Profile in Preschool Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2901-2914.	1.8	8
31	Population-centric risk prediction modeling for gestational diabetes mellitus: A machine learning approach. <i>Diabetes Research and Clinical Practice</i> , 2022, 185, 109237.	1.1	7
32	The socioeconomic landscape of the exposome during pregnancy. <i>Environment International</i> , 2022, 163, 107205.	4.8	6
33	Determinants of cord blood adipokines and association with neonatal abdominal adipose tissue distribution. <i>International Journal of Obesity</i> , 2022, 46, 637-645.	1.6	6
34	Dichotomy in the Impact of Elevated Maternal Glucose Levels on Neonatal Epigenome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e1277-e1292.	1.8	4
35	Integrative Multi-Omics database (iMOMdb) of Asian Pregnant Women. <i>Human Molecular Genetics</i> , 2022, . .	1.4	2
36	Reply to: Crossing the "Birth Border" for Epigenetic Effects. <i>Biological Psychiatry</i> , 2022, 92, e25-e26.	0.7	1

#	ARTICLE	IF	CITATIONS
37	Altered H19/miRâ€675 expression in skeletal muscle is associated with low muscle mass in communityâ€dwelling older adults. JCSM Rapid Communications, 2021, 4, 207-221.	0.6	0