Denise Anderson

List of Publications by Year
in descending order

54 papers	9,157 citations	218381 26 h-index	155451 55 g-index
56 all docs	56 docs citations	56 times ranked	18773 citing authors

#	Article	IF	Citations
1	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
2	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	9.4	1,818
3	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328
4	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. PLoS Genetics, 2013, 9, e1003500.	1.5	371
5	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: findings from the pregnancy and childhood epigenetics (PACE) consortium. Human Molecular Genetics, 2017, 26, 4067-4085.	1.4	211
6	Novel loci affecting iron homeostasis and their effects in individuals at risk for hemochromatosis. Nature Communications, 2014, 5, 4926.	5.8	192
7	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. Nature Communications, 2019, 10, 1893.	5.8	140
8	A microbiome case-control study of recurrent acute otitis media identified potentially protective bacterial genera. BMC Microbiology, 2018, 18, 13.	1.3	126
9	Vitamin D in Fetal Development: Findings From a Birth Cohort Study. Pediatrics, 2015, 135, e167-e173.	1.0	93
10	Epigenome-wide meta-analysis of blood DNA methylation in newborns and children identifies numerous loci related to gestational age. Genome Medicine, 2020, 12, 25.	3.6	81
11	Genome-Wide Association Study to Identify the Genetic Determinants of Otitis Media Susceptibility in Childhood. PLoS ONE, 2012, 7, e48215.	1.1	57
12	Epigenetic Age Acceleration in Adolescence Associates With BMI, Inflammation, and Risk Score for Middle Age Cardiovascular Disease. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3012-3024.	1.8	53
13	Analytical Bias in the Measurement of Serum 25-Hydroxyvitamin D Concentrations Impairs Assessment of Vitamin D Status in Clinical and Research Settings. PLoS ONE, 2015, 10, e0135478.	1.1	52
14	Genome-wide association study of vitamin D levels in children: replication in the Western Australian Pregnancy Cohort (Raine) study. Genes and Immunity, 2014, 15, 578-583.	2.2	47
15	FusionFinder: A Software Tool to Identify Expressed Gene Fusion Candidates from RNA-Seq Data. PLoS ONE, 2012, 7, e39987.	1.1	46
16	Association of maternal prenatal smoking GFI1-locus and cardio-metabolic phenotypes in 18,212 adults. EBioMedicine, 2018, 38, 206-216.	2.7	43
17	Integrated analyses of zebrafish miRNA and mRNA expression profiles identify miR-29b and miR-223 as potential regulators of optic nerve regeneration. BMC Genomics, 2015, 16, 591.	1.2	40
18	A phenotype centric benchmark of variant prioritisation tools. Npj Genomic Medicine, 2018, 3, 5.	1.7	39

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19	Toxoplasma gondii Infection Is Associated with Mitochondrial Dysfunction in-Vitro. Frontiers in Cellular and Infection Microbiology, 2017, 7, 512.	1.8	38
20	Predictors of Outcome in Pediatric Osteomyelitis. Pediatric Infectious Disease Journal, 2016, 35, 387-391.	1.1	37
21	Assessing the unified airway hypothesis in children via transcriptional profiling of the airway epithelium. Journal of Allergy and Clinical Immunology, 2020, 145, 1562-1573.	1.5	35
22	First Genome-Wide Association Study in an Australian Aboriginal Population Provides Insights into Genetic Risk Factors for Body Mass Index and Type 2 Diabetes. PLoS ONE, 2015, 10, e0119333.	1.1	35
23	Identification of suitable endogenous control genes for microRNA expression profiling of childhood medulloblastoma and human neural stem cells. BMC Research Notes, 2012, 5, 507.	0.6	30
24	A Genomeâ€Wide Search for Type 2 Diabetes Susceptibility Genes in an Extended Arab Family. Annals of Human Genetics, 2013, 77, 488-503.	0.3	28
25	A pre-clinical model of resistance to induction therapy in pediatric acute lymphoblastic leukemia. Blood Cancer Journal, 2014, 4, e232-e232.	2.8	28
26	Vitamin D and allergic airway disease shape the murine lung microbiome in a sex-specific manner. Respiratory Research, 2016, 17, 116.	1.4	28
27	Personalized Transcriptomics Reveals Heterogeneous Immunophenotypes in Children with Viral Bronchiolitis. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1537-1549.	2.5	28
28	Confirmation of Childhood Acute Lymphoblastic Leukemia Variants, ARID5B and IKZF1, and Interaction with Parental Environmental Exposures. PLoS ONE, 2014, 9, e110255.	1.1	28
29	Systematic chemical and molecular profiling of MLL-rearranged infant acute lymphoblastic leukemia reveals efficacy of romidepsin. Leukemia, 2017, 31, 40-50.	3.3	23
30	Coexpression of Nuclear Receptors and Histone Methylation Modifying Genes in the Testis: Implications for Endocrine Disruptor Modes of Action. PLoS ONE, 2012, 7, e34158.	1.1	19
31	Reference genotype and exome data from an Australian Aboriginal population for health-based research. Scientific Data, 2016, 3, 160023.	2.4	19
32	Heterogeneity in mechanisms of emergent resistance in pediatric T-cell acute lymphoblastic leukemia. Oncotarget, 2016, 7, 58728-58742.	0.8	18
33	Trends in preâ€existing mental health disorders among parents of infants born in Western Australia from 1990 to 2005. Medical Journal of Australia, 2013, 198, 485-488.	0.8	17
34	Epigenetic dysregulation of host gene expression in Toxoplasma infection with specific reference to dopamine and amyloid pathways. Infection, Genetics and Evolution, 2018, 65, 159-162.	1.0	17
35	Expression profiling of Sudanese visceral leishmaniasis patients preâ€and postâ€treatment with sodium stibogluconate. Parasite Immunology, 2017, 39, e12431.	0.7	16
36	Zika Virus Changes Methylation of Genes Involved in Immune Response and Neural Development in Brazilian Babies Born With Congenital Microcephaly. Journal of Infectious Diseases, 2021, 223, 435-440.	1.9	16

#	Article	IF	Citations
37	Personalised analytics for rare disease diagnostics. Nature Communications, 2019, 10, 5274.	5.8	15
38	Drugâ€“Gene Modeling in Pediatric T-Cell Acute Lymphoblastic Leukemia Highlights Importance of 6-Mercaptopurine for Outcome. Cancer Research, 2013, 73, 2749-2759.	0.4	12
39	UV Irradiation of Skin Enhances Glycolytic Flux and Reduces Migration Capabilities in Bone Marrowâ€“Differentiated Dendritic Cells. American Journal of Pathology, 2017, 187, 2046-2059.	1.9	12
40	Critical Role of Plasmacytoid Dendritic Cells in Regulating Gene Expression and Innate Immune Responses to Human Rhinovirus-16. Frontiers in Immunology, 2017, 8, 1351.	2.2	12
41	Rewiring of gene networks underlying mite allergenâ€induced CD4Â+ÂThâ€cell responses during immunotherapy. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2330-2341.	2.7	11
42	Adiposity associated DNA methylation signatures in adolescents are related to leptin and perinatal factors. Epigenetics, 2022, 17, 819-836.	1.3	10
43	CRISPR single base editing, neuronal disease modelling and functional genomics for genetic variant analysis: pipeline validation using Kleefstra syndrome EHMT1 haploinsufficiency. Stem Cell Research and Therapy, 2022, 13, 69.	2.4	9
44	An expanded phenotype centric benchmark of variant prioritisation tools. Human Mutation, 2022, 43, 539-546.	1.1	9
45	Aberrant expression of aldehyde dehydrogenase 1A (<scp>ALDH</scp>1A) subfamily genes in acute lymphoblastic leukaemia is a common feature of Tâ€lineage tumours. British Journal of Haematology, 2015, 168, 246-257.	1.2	6
46	Functional validation of variants of unknown significance using CRISPR gene editing and transcriptomics: A Kleefstra syndrome case study. Gene, 2022, 821, 146287.	1.0	6
47	Arylsulphatase A Pseudodeficiency (ARSA-PD), hypertension and chronic renal disease in Aboriginal Australians. Scientific Reports, 2018, 8, 10912.	1.6	5
48	Immunoinflammatory responses to febrile lower respiratory infections in infants display uniquely complex/intense transcriptomic profiles. Journal of Allergy and Clinical Immunology, 2019, 144, 1411-1413.	1.5	4
49	Differential Gene Expression of Lymphocytes Stimulated with Rhinovirus A and C in Children with Asthma. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 202-209.	2.5	4
50	Common and Rare Genetic Variants That Could Contribute to Severe Otitis Media in an Australian Aboriginal Population. Clinical Infectious Diseases, 2021, 73, 1860-1870.	2.9	4
51	Pneumococcal responses are similar in Papua New Guinean children aged 3-5 years vaccinated in infancy with pneumococcal polysaccharide vaccine with or without prior pneumococcal conjugate vaccine, or without pneumococcal vaccination. PLoS ONE, 2017, 12, e0185877.	1.1	4
52	Molecular characterization of identical, novel MLL-EPS15 translocation and individual genomic copy number alterations in monozygotic infant twins with acute lymphoblastic leukemia. Haematologica, 2012, 97, 1447-1450.	1.7	3
53	Genome-wide association study of IgG1 responses to the choline-binding protein PspC of Streptococcus pneumoniae. Genes and Immunity, 2015, 16, 289-296.	2.2	3
54	Statistical adjustment of genotyping error in a caseâ€“control study of childhood leukaemia. BMC Medical Research Methodology, 2012, 12, 141.	1.4	2