

Geoffrey Neale

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

11,360
citations

50244

46
h-index

48277

88
g-index

94
all docs

94
docs citations

94
times ranked

19425
citing authors

#	ARTICLE	IF	CITATIONS
1	Blood DNA methylation signatures are associated with social determinants of health among survivors of childhood cancer. <i>Epigenetics</i> , 2022, , 1-15.	1.3	5
2	Genome-wide association studies identify novel genetic loci for epigenetic age acceleration among survivors of childhood cancer. <i>Genome Medicine</i> , 2022, 14, 32.	3.6	12
3	Astrovirus-induced epithelial-mesenchymal transition via activated TGF- β 2 increases viral replication. <i>PLoS Pathogens</i> , 2022, 18, e1009716.	2.1	7
4	Epigenetic Age Acceleration and Chronic Health Conditions Among Adult Survivors of Childhood Cancer. <i>Journal of the National Cancer Institute</i> , 2021, 113, 597-605.	3.0	37
5	Synergism of TNF- α and IFN- γ Triggers Inflammatory Cell Death, Tissue Damage, and Mortality in SARS-CoV-2 Infection and Cytokine Shock Syndromes. <i>Cell</i> , 2021, 184, 149-168.e17.	13.5	923
6	The Common Germline <i>TP53-R337H</i> Mutation Is Hypomorphic and Confers Incomplete Penetrance and Late Tumor Onset in a Mouse Model. <i>Cancer Research</i> , 2021, 81, 2442-2456.	0.4	9
7	A MyD88/IL1R Axis Regulates PD-1 Expression on Tumor-Associated Macrophages and Sustains Their Immunosuppressive Function in Melanoma. <i>Cancer Research</i> , 2021, 81, 2358-2372.	0.4	16
8	Outcomes by Clinical and Molecular Features in Children With Medulloblastoma Treated With Risk-Adapted Therapy: Results of an International Phase III Trial (SJMB03). <i>Journal of Clinical Oncology</i> , 2021, 39, 822-835.	0.8	106
9	Persistent variations of blood DNA methylation associated with treatment exposures and risk for cardiometabolic outcomes in long-term survivors of childhood cancer in the St. Jude Lifetime Cohort. <i>Genome Medicine</i> , 2021, 13, 53.	3.6	16
10	Abstract 685: A social epigenomic investigation of racial disparity in pulmonary impairment among aging survivors of childhood cancer. , 2021, , .		0
11	Abstract 904: Epigenome-wide association study of dyslipidemia in survivors of childhood cancer: A report from the St. Jude lifetime cohort. , 2021, , .		0
12	SLFN11 is Widely Expressed in Pediatric Sarcoma and Induces Variable Sensitization to Replicative Stress Caused By DNA-Damaging Agents. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 2151-2165.	1.9	6
13	Cohort Profile: The St. Jude Lifetime Cohort Study (SJLIFE) for paediatric cancer survivors. <i>International Journal of Epidemiology</i> , 2021, 50, 39-49.	0.9	70
14	ADAR1 restricts ZBP1-mediated immune response and PANoptosis to promote tumorigenesis. <i>Cell Reports</i> , 2021, 37, 109858.	2.9	157
15	Serial assessment of measurable residual disease in medulloblastoma liquid biopsies. <i>Cancer Cell</i> , 2021, 39, 1519-1530.e4.	7.7	64
16	Mevalonate metabolism-dependent protein geranylgeranylation regulates thymocyte egress. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	10
17	Homeostasis and transitional activation of regulatory T cells require c-Myc. <i>Science Advances</i> , 2020, 6, eaaw6443.	4.7	59
18	Tissue-Specific Regulation of the Wnt/ β -Catenin Pathway by PAGE4 Inhibition of Tankyrase. <i>Cell Reports</i> , 2020, 32, 107922.	2.9	7

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19	Hippo/Mst signaling coordinates cellular quiescence with terminal maturation in iNKT cell development and fate decisions. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	15
20	Expansion and CD2/CD3/CD28 stimulation enhance Th2 cytokine secretion of human invariant NKT cells with retained anti-tumor cytotoxicity. <i>Cytotherapy</i> , 2020, 22, 276-290.	0.3	7
21	Interferon inducible GBPs restrict <i>Burkholderia thailandensis</i> motility induced cell-cell fusion. <i>PLoS Pathogens</i> , 2020, 16, e1008364.	2.1	15
22	Germline Elongator mutations in Sonic Hedgehog medulloblastoma. <i>Nature</i> , 2020, 580, 396-401.	13.7	94
23	XAF1 as a modifier of p53 function and cancer susceptibility. <i>Science Advances</i> , 2020, 6, eaba3231.	4.7	37
24	Bromodomain-Selective BET Inhibitors Are Potent Antitumor Agents against MYC-Driven Pediatric Cancer. <i>Cancer Research</i> , 2020, 80, 3507-3518.	0.4	28
25	From Influenza Virus Infections to Lupus: Synchronous Estrogen Receptor and RNA Polymerase II Binding Within the Immunoglobulin Heavy Chain Locus. <i>Viral Immunology</i> , 2020, 33, 307-315.	0.6	9
26	Mutational Landscape and Patterns of Clonal Evolution in Relapsed Pediatric Acute Lymphoblastic Leukemia. <i>Blood Cancer Discovery</i> , 2020, 1, 96-111.	2.6	93
27	Relapse-Fated Latent Diagnosis Subclones in Acute B Lineage Leukemia Are Drug Tolerant and Possess Distinct Metabolic Programs. <i>Cancer Discovery</i> , 2020, 10, 568-587.	7.7	72
28	Mutational Landscape and Patterns of Clonal Evolution in Relapsed Pediatric Acute Lymphoblastic Leukemia. <i>Blood Cancer Discovery</i> , 2020, 1, 96-111.	2.6	3
29	MYC competes with MiT/TFE in regulating lysosomal biogenesis and autophagy through an epigenetic rheostat. <i>Nature Communications</i> , 2019, 10, 3623.	5.8	71
30	Uncovering the Genomic Landscape in Newly Diagnosed and Relapsed Pediatric Cytogenetically Normal FLT3-ITD AML. <i>Clinical and Translational Science</i> , 2019, 12, 641-647.	1.5	12
31	Matters of life and death: How estrogen and estrogen receptor binding to the immunoglobulin heavy chain locus may influence outcomes of infection, allergy, and autoimmune disease. <i>Cellular Immunology</i> , 2019, 346, 103996.	1.4	20
32	LKB1 orchestrates dendritic cell metabolic quiescence and anti-tumor immunity. <i>Cell Research</i> , 2019, 29, 391-405.	5.7	45
33	Will Attention by Vaccine Developers to the Host's Nuclear Hormone Levels and Immunocompetence Improve Vaccine Success?. <i>Vaccines</i> , 2019, 7, 26.	2.1	14
34	Forty-five patient-derived xenografts capture the clinical and biological heterogeneity of Wilms tumor. <i>Nature Communications</i> , 2019, 10, 5806.	5.8	27
35	Metabolic heterogeneity underlies reciprocal fates of TH17 cell stemness and plasticity. <i>Nature</i> , 2019, 565, 101-105.	13.7	141
36	Complex sex-biased antibody responses: estrogen receptors bind estrogen response elements centered within immunoglobulin heavy chain gene enhancers. <i>International Immunology</i> , 2019, 31, 141-156.	1.8	35

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37	Heme Interaction with the Pyruvate Dehydrogenase Complex: A Novel Strategy to Promote Hypoxic Survival. <i>FASEB Journal</i> , 2019, 33, 652.12.	0.2	3
38	Discrete roles and bifurcation of PTEN signaling and mTORC1-mediated anabolic metabolism underlie IL-7-driven B lymphopoiesis. <i>Science Advances</i> , 2018, 4, eaar5701.	4.7	35
39	IRF1 Is a Transcriptional Regulator of ZBP1 Promoting NLRP3 Inflammasome Activation and Cell Death during Influenza Virus Infection. <i>Journal of Immunology</i> , 2018, 200, 1489-1495.	0.4	78
40	IRF8 Regulates Transcription of Naips for NLRC4 Inflammasome Activation. <i>Cell</i> , 2018, 173, 920-933.e13.	13.5	142
41	Hippo Kinases Mst1 and Mst2 Sense and Amplify IL-2R-STAT5 Signaling in Regulatory T Cells to Establish Stable Regulatory Activity. <i>Immunity</i> , 2018, 49, 899-914.e6.	6.6	84
42	The Hippo Pathway Prevents YAP/TAZ-Driven Hypertranscription and Controls Neural Progenitor Number. <i>Developmental Cell</i> , 2018, 47, 576-591.e8.	3.1	80
43	SYK-CARD9 Signaling Axis Promotes Gut Fungi-Mediated Inflammasome Activation to Restrict Colitis and Colon Cancer. <i>Immunity</i> , 2018, 49, 515-530.e5.	6.6	138
44	Hippo/Mst signalling couples metabolic state and immune function of CD8 ⁺ dendritic cells. <i>Nature</i> , 2018, 558, 141-145.	13.7	152
45	mTOR coordinates transcriptional programs and mitochondrial metabolism of activated Treg subsets to protect tissue homeostasis. <i>Nature Communications</i> , 2018, 9, 2095.	5.8	133
46	Metabolic signaling directs the reciprocal lineage decisions of $\hat{1}\hat{2}$ and $\hat{3}\hat{1}$ T cells. <i>Science Immunology</i> , 2018, 3, .	5.6	63
47	Genome-Wide Association Study to Identify Susceptibility Loci That Modify Radiation-Related Risk for Breast Cancer After Childhood Cancer. <i>Journal of the National Cancer Institute</i> , 2017, 109, .	3.0	66
48	De Novo Epigenetic Programs Inhibit PD-1 Blockade-Mediated T Cell Rejuvenation. <i>Cell</i> , 2017, 170, 142-157.e19.	13.5	536
49	T Cells Encountering Myeloid Cells Programmed for Amino Acid-dependent Immunosuppression Use Rictor/mTORC2 Protein for Proliferative Checkpoint Decisions. <i>Journal of Biological Chemistry</i> , 2017, 292, 15-30.	1.6	52
50	Gfi1-Foxo1 axis controls the fidelity of effector gene expression and developmental maturation of thymocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E67-E74.	3.3	11
51	Homeostatic control of metabolic and functional fitness of Treg cells by LKB1 signalling. <i>Nature</i> , 2017, 548, 602-606.	13.7	143
52	Critical roles of mTORC1 signaling and metabolic reprogramming for M-CSF-mediated myelopoiesis. <i>Journal of Experimental Medicine</i> , 2017, 214, 2629-2647.	4.2	42
53	PLC $\hat{3}$ -dependent mTOR signalling controls IL-7-mediated early B cell development. <i>Nature Communications</i> , 2017, 8, 1457.	5.8	30
54	An Eye Organoid Approach Identifies Six3 Suppression of R-spondin 2 as a Critical Step in Mouse Neuroretina Differentiation. <i>Cell Reports</i> , 2017, 21, 1534-1549.	2.9	28

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55	Identification of Clinical and Biologic Correlates Associated With Outcome in Children With Adrenocortical Tumors Without Germline TP53 Mutations: A St Jude Adrenocortical Tumor Registry and Children's Oncology Group Study. <i>Journal of Clinical Oncology</i> , 2017, 35, 3956-3963.	0.8	33
56	Upregulated heme biosynthesis, an exploitable vulnerability in MYCN-driven leukemogenesis. <i>JCI Insight</i> , 2017, 2, .	2.3	37
57	Vitamin A deficient mice exhibit increased viral antigens and enhanced cytokine/chemokine production in nasal tissues following respiratory virus infection despite the presence of FoxP3 + T cells. <i>International Immunology</i> , 2016, 28, 139-152.	1.8	17
58	Genetic risk factors for the development of osteonecrosis in children under age 10 treated for acute lymphoblastic leukemia. <i>Blood</i> , 2016, 127, 558-564.	0.6	56
59	Exogenous remodeling of lung resident macrophages protects against infectious consequences of bone marrow-suppressive chemotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6153-E6161.	3.3	16
60	IRGB10 Liberates Bacterial Ligands for Sensing by the AIM2 and Caspase-11-NLRP3 Inflammasomes. <i>Cell</i> , 2016, 167, 382-396.e17.	13.5	237
61	Binding of estrogen receptors to switch sites and regulatory elements in the immunoglobulin heavy chain locus of activated B cells suggests a direct influence of estrogen on antibody expression. <i>Molecular Immunology</i> , 2016, 77, 97-102.	1.0	42
62	Cathepsin B modulates lysosomal biogenesis and host defense against <i>Francisella novicida</i> infection. <i>Journal of Experimental Medicine</i> , 2016, 213, 2081-2097.	4.2	72
63	Multi-organ Mapping of Cancer Risk. <i>Cell</i> , 2016, 166, 1132-1146.e7.	13.5	128
64	mTORC1 and mTORC2 Kinase Signaling and Glucose Metabolism Drive Follicular Helper T Cell Differentiation. <i>Immunity</i> , 2016, 45, 540-554.	6.6	283
65	ZBP1/DAI is an innate sensor of influenza virus triggering the NLRP3 inflammasome and programmed cell death pathways. <i>Science Immunology</i> , 2016, 1, .	5.6	464
66	Prognostic Significance of Major Histocompatibility Complex Class II Expression in Pediatric Adrenocortical Tumors: A St. Jude and Children's Oncology Group Study. <i>Clinical Cancer Research</i> , 2016, 22, 6247-6255.	3.2	22
67	Prox1-Heterozygosis Sensitizes the Pancreas to Oncogenic Kras-Induced Neoplastic Transformation. <i>Neoplasia</i> , 2016, 18, 172-184.	2.3	11
68	Autophagy enforces functional integrity of regulatory T cells by coupling environmental cues and metabolic homeostasis. <i>Nature Immunology</i> , 2016, 17, 277-285.	7.0	357
69	Lack of Prox1 Downregulation Disrupts the Expansion and Maturation of Postnatal Murine $\hat{1}^2$ -Cells. <i>Diabetes</i> , 2016, 65, 687-698.	0.3	18
70	An Epithelial Integrin Regulates the Amplitude of Protective Lung Interferon Responses against Multiple Respiratory Pathogens. <i>PLoS Pathogens</i> , 2016, 12, e1005804.	2.1	37
71	Mito-protective autophagy is impaired in erythroid cells of aged mtDNA-mutator mice. <i>Blood</i> , 2015, 125, 162-174.	0.6	53
72	Treg cells require the phosphatase PTEN to restrain TH1 and TFH cell responses. <i>Nature Immunology</i> , 2015, 16, 178-187.	7.0	309

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73	An in vivo screen identifies ependymoma oncogenes and tumor-suppressor genes. <i>Nature Genetics</i> , 2015, 47, 878-887.	9.4	62
74	Critical Role for the DNA Sensor AIM2 in Stem Cell Proliferation and Cancer. <i>Cell</i> , 2015, 162, 45-58.	13.5	266
75	Inherited coding variants at the CDKN2A locus influence susceptibility to acute lymphoblastic leukaemia in children. <i>Nature Communications</i> , 2015, 6, 7553.	5.8	72
76	The transcription factor IRF1 and guanylate-binding proteins target activation of the AIM2 inflammasome by Francisella infection. <i>Nature Immunology</i> , 2015, 16, 467-475.	7.0	291
77	TNF Counterbalances the Emergence of M2 Tumor Macrophages. <i>Cell Reports</i> , 2015, 12, 1902-1914.	2.9	232
78	Maternal bile acid transporter deficiency promotes neonatal demise. <i>Nature Communications</i> , 2015, 6, 8186.	5.8	34
79	Low-level GATA2 overexpression promotes myeloid progenitor self-renewal and blocks lymphoid differentiation in mice. <i>Experimental Hematology</i> , 2015, 43, 565-577.e10.	0.2	43
80	Evaluation of a two-step iterative resampling procedure for internal validation of genome-wide association studies. <i>Journal of Human Genetics</i> , 2015, 60, 729-738.	1.1	17
81	Myeloid-Derived Suppressor Activity Is Mediated by Monocytic Lineages Maintained by Continuous Inhibition of Extrinsic and Intrinsic Death Pathways. <i>Immunity</i> , 2014, 41, 947-959.	6.6	121
82	Tsc1 promotes the differentiation of memory CD8 ⁺ T cells via orchestrating the transcriptional and metabolic programs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14858-14863.	3.3	64
83	Downregulation of Prdm16 mRNA is a specific antileukemic mechanism during HOXB4-mediated HSC expansion in vivo. <i>Blood</i> , 2014, 124, 1737-1747.	0.6	19
84	T Cell Exit from Quiescence and Differentiation into Th2 Cells Depend on Raptor-mTORC1-Mediated Metabolic Reprogramming. <i>Immunity</i> , 2013, 39, 1043-1056.	6.6	316
85	mTORC1 couples immune signals and metabolic programming to establish Treg-cell function. <i>Nature</i> , 2013, 499, 485-490.	13.7	645
86	The genomic landscape of hypodiploid acute lymphoblastic leukemia. <i>Nature Genetics</i> , 2013, 45, 242-252.	9.4	588
87	A novel retinoblastoma therapy from genomic and epigenetic analyses. <i>Nature</i> , 2012, 481, 329-334.	13.7	442
88	Deregulated Hepatic Metabolism Exacerbates Impaired Testosterone Production in Mrp4-Deficient Mice. <i>FASEB Journal</i> , 2012, 26, .	0.2	0
89	HIF1 α -dependent glycolytic pathway orchestrates a metabolic checkpoint for the differentiation of TH17 and Treg cells. <i>Journal of Experimental Medicine</i> , 2011, 208, 1367-1376.	4.2	1,447
90	The tumor suppressor Tsc1 enforces quiescence of naive T cells to promote immune homeostasis and function. <i>Nature Immunology</i> , 2011, 12, 888-897.	7.0	247

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91	The ABC transporter Mrp4 (Abcc4) plays a crucial role in normal testosterone production. FASEB Journal, 2011, 25, 1015.9.	0.2	0
92	SK-NEP-1 and Rh1 are Ewing family tumor lines. Pediatric Blood and Cancer, 2008, 50, 703-706.	0.8	61
93	Molecular Characterization of the Pediatric Preclinical Testing Panel. Clinical Cancer Research, 2008, 14, 4572-4583.	3.2	116