Joseph L Wiemels

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9497919/publications.pdf

Version: 2024-02-01

101384 79541 6,180 134 36 73 citations g-index h-index papers 139 139 139 9833 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Common maternal infections during pregnancy and childhood leukaemia in the offspring: findings from six international birth cohorts. International Journal of Epidemiology, 2022, 51, 769-777.	0.9	7
2	Decreased IL-10 accelerates B-cell leukemia/lymphoma in a mouse model of pediatric lymphoid leukemia. Blood Advances, 2022, 6, 854-865.	2.5	10
3	Genome-wide trans-ethnic meta-analysis identifies novel susceptibility loci for childhood acute lymphoblastic leukemia. Leukemia, 2022, 36, 865-868.	3.3	9
4	Clinical characteristics of cytomegalovirusâ€positive pediatric acute lymphoblastic leukemia at diagnosis. American Journal of Hematology, 2022, 97, .	2.0	5
5	Mitochondrial 1555 G>A variant as a potential risk factor for childhood glioblastoma. Neuro-Oncology Advances, 2022, 4, vdac045.	0.4	1
6	Pleiotropic <i>MLLT10</i> variation confers risk of meningioma and estrogen-mediated cancers. Neuro-Oncology Advances, 2022, 4, .	0.4	4
7	Investigating DNA methylation as a mediator of genetic risk in childhood acute lymphoblastic leukemia. Human Molecular Genetics, 2022, 31, 3741-3756.	1.4	0
8	Accelerated epigenetic aging in newborns with Down syndrome. Aging Cell, 2022, 21, .	3.0	17
9	Variant to function mapping at single-cell resolution through network propagation. Nature Biotechnology, 2022, 40, 1644-1653.	9.4	25
10	Socioeconomic status and childhood central nervous system tumors in California. Cancer Causes and Control, 2021, 32, 27-39.	0.8	13
11	Trends in Acute Lymphoblastic Leukemia Incidence in the United States by Race/Ethnicity From 2000 to 2016. American Journal of Epidemiology, 2021, 190, 519-527.	1.6	23
12	Birth Characteristics and Risk of Pediatric Thyroid Cancer: A Population-Based Record-Linkage Study in California. Thyroid, 2021, 31, 596-606.	2.4	8
13	The genome-wide impact of trisomy 21 on DNA methylation and its implications for hematopoiesis. Nature Communications, 2021, 12, 821.	5.8	32
14	Low CtBP2 expression is associated with a stem cell-like signature and adverse clinical outcome in childhood B-cell lymphoblastic leukemia. Leukemia, 2021, 35, 2684-2687.	3.3	0
15	<i>In utero</i> and early-life exposure to thirdhand smoke causes profound changes to the immune system. Clinical Science, 2021, 135, 1053-1063.	1.8	8
16	Epigenetic Biomarkers of Prenatal Tobacco Smoke Exposure Are Associated with Gene Deletions in Childhood Acute Lymphoblastic Leukemia. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1517-1525.	1.1	7
17	Cytokine Levels at Birth in Children Who Developed Acute Lymphoblastic Leukemia. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1526-1535.	1.1	5
18	Medulloblastoma uses GABA transaminase to survive in the cerebrospinal fluid microenvironment and promote leptomeningeal dissemination. Cell Reports, 2021, 35, 109302.	2.9	19

#	Article	IF	CITATIONS
19	Outdoor artificial light at night, air pollution, and childhood acute lymphoblastic leukemia. ISEE Conference Abstracts, 2021, 2021, .	0.0	O
20	Genetic determinants of blood-cell traits influence susceptibility to childhood acute lymphoblastic leukemia. American Journal of Human Genetics, 2021, 108, 1823-1835.	2.6	37
21	Mode of Delivery, Birth Characteristics, and Early-Onset Non-Hodgkin Lymphoma in a Population-Based Case–Control Study. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 2286-2293.	1.1	3
22	Pediatric Acute Promyelocytic Leukemia: Epidemiology, Molecular Features, and Importance of GST-Theta 1 in Chemotherapy Response and Outcome. Frontiers in Oncology, 2021, 11, 642744.	1.3	0
23	The Effect of Cytomegalovirus on Pediatric Acute Lymphoblastic Leukemia. Blood, 2021, 138, 2281-2281.	0.6	1
24	Common genetic variation and risk of osteosarcoma in a multi-ethnic pediatric and adolescent population. Bone, 2020, 130, 115070.	1.4	22
25	Maternal Infection in Pregnancy and Childhood Leukemia: A Systematic Review and Meta-analysis. Journal of Pediatrics, 2020, 217, 98-109.e8.	0.9	22
26	Spatial–Temporal Cluster Analysis of Childhood Cancer in California. Epidemiology, 2020, 31, 214-223.	1.2	7
27	European genetic ancestry associated with risk of childhood ependymoma. Neuro-Oncology, 2020, 22, 1637-1646.	0.6	16
28	The proliferative history shapes the DNA methylome of B-cell tumors and predicts clinical outcome. Nature Cancer, 2020, 1, 1066-1081.	5.7	51
29	Genetic predisposition to longer telomere length and risk of childhood, adolescent and adult-onset ependymoma. Acta Neuropathologica Communications, 2020, 8, 173.	2.4	15
30	Pediatric glioma and medulloblastoma risk and population demographics: a Poisson regression analysis. Neuro-Oncology Advances, 2020, 2, vdaa089.	0.4	6
31	Adult diffuse glioma GWAS by molecular subtype identifies variants in <i>D2HGDH</i> and <i>FAM20C</i> . Neuro-Oncology, 2020, 22, 1602-1613.	0.6	19
32	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
33	Germline cancer predisposition variants and pediatric glioma: a population-based study in California. Neuro-Oncology, 2020, 22, 864-874.	0.6	24
34	History of Early Childhood Infections and Acute Lymphoblastic Leukemia Risk Among Children in a US Integrated Health-Care System. American Journal of Epidemiology, 2020, 189, 1076-1085.	1.6	5
35	Birth Characteristics and Risk of Early-Onset Synovial Sarcoma. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1162-1167.	1.1	3
36	Germline variants in predisposition genes in children with Down syndrome and acute lymphoblastic leukemia. Blood Advances, 2020, 4, 672-675.	2.5	5

#	Article	IF	CITATIONS
37	Outdoor artificial light at night and risk of non-Hodgkin lymphoma among women in the California Teachers Study cohort. Cancer Epidemiology, 2020, 69, 101811.	0.8	15
38	Abstract A105: Trends in acute lymphocytic leukemia (ALL) incidence in the US from 2000-2016., 2020,,.		2
39	Genetic Determinants of Blood Cell Traits Play a Role in Susceptibility to Acute Lymphoblastic Leukemia. Blood, 2020, 136, 10-11.	0.6	0
40	Inherited genetic susceptibility to acute lymphoblastic leukemia in Down syndrome. Blood, 2019, 134, 1227-1237.	0.6	37
41	Heritable variation at the chromosome 21 gene ERG is associated with acute lymphoblastic leukemia risk in children with and without Down syndrome. Leukemia, 2019, 33, 2746-2751.	3.3	18
42	Germline genetic landscape of pediatric central nervous system tumors. Neuro-Oncology, 2019, 21, 1376-1388.	0.6	24
43	Immune factors preceding diagnosis of glioma: a Prostate Lung Colorectal Ovarian Cancer Screening Trial nested case–control study. Neuro-Oncology Advances, 2019, 1, vdz031.	0.4	2
44	Mendelian randomization provides support for obesity as a risk factor for meningioma. Scientific Reports, 2019, 9, 309.	1.6	21
45	HGG-11. GERMLINE GENETIC PREDISPOSITION TO PEDIATRIC GLIOMA. Neuro-Oncology, 2019, 21, ii89-ii89.	0.6	0
46	Increased neonatal level of arginase 2 in cases of childhood acute lymphoblastic leukemia implicates immunosuppression in the etiology. Haematologica, 2019, 104, e514-e516.	1.7	8
47	Early Infection with Cytomegalovirus and Risk of Childhood Hematologic Malignancies. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 1024-1027.	1.1	18
48	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
49	Epigenomic profiling of newborns with isolated orofacial clefts reveals widespread DNA methylation changes and implicates metastable epiallele regions in disease risk. Epigenetics, 2019, 14, 198-213.	1.3	43
50	Using germline variants to estimate glioma and subtype risks. Neuro-Oncology, 2019, 21, 451-461.	0.6	23
51	Longer genotypically-estimated leukocyte telomere length is associated with increased meningioma risk. Journal of Neuro-Oncology, 2019, 142, 479-487.	1.4	11
52	Body mass index, comorbidities, and hormonal factors in relation to meningioma in an ethnically diverse population: the Multiethnic Cohort. Neuro-Oncology, 2019, 21, 498-507.	0.6	32
53	Pediatric Acute Promyelocytic Leukemia in Brazil: Epidemiology, Molecular Features, and Importance of GST-Theta 1 in Chemotherapy Response and Outcome. Blood, 2019, 134, 5187-5187.	0.6	0
54	The Genome-Wide Impact of Trisomy 21 on DNA Methylation and Its Implications for Hematologic Malignancies. Blood, 2019, 134, 2510-2510.	0.6	2

#	Article	IF	CITATIONS
55	Neonatal Hormone Concentrations and Risk of Testicular Germ Cell Tumors (TGCT). Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 488-495.	1.1	14
56	GWAS in childhood acute lymphoblastic leukemia reveals novel genetic associations at chromosomes 17q12 and 8q24.21. Nature Communications, 2018, 9, 286.	5.8	75
57	Herpesvirus Infection in Infants with Gastroschisis. Epidemiology, 2018, 29, 571-573.	1.2	4
58	Quality of life after surgery for intracranial meningioma. Cancer, 2018, 124, 161-166.	2.0	47
59	PDTM-01. GERMLINE GENETIC PREDISPOSITION TO PEDIATRIC GLIOMA. Neuro-Oncology, 2018, 20, vi203-vi203.	0.6	0
60	EPID-12. USING GERMLINE VARIANTS TO PREDICT GLIOMA RISK AND IDENTIFY GLIOMA SUBTYPE PRE-OPERATIVELY. Neuro-Oncology, 2018, 20, vi82-vi82.	0.6	0
61	IMMU-07. IMMUNE PROFILES IN THE SAN FRANCISCO ADULT GLIOMA STUDY (AGS) USING IMMUNOMETHYLOMICS. Neuro-Oncology, 2018, 20, vi122-vi122.	0.6	0
62	Genetic determinants of childhood and adult height associated with osteosarcoma risk. Cancer, 2018, 124, 3742-3752.	2.0	20
63	Genome-wide association analysis identifies a meningioma risk locus at 11p15.5. Neuro-Oncology, 2018, 20, 1485-1493.	0.6	23
64	<i>BMI1</i> enhancer polymorphism underlies chromosome 10p12.31 association with childhood acute lymphoblastic leukemia. International Journal of Cancer, 2018, 143, 2647-2658.	2.3	23
65	Two HLA Class II Gene Variants Are Independently Associated with Pediatric Osteosarcoma Risk. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 1151-1158.	1.1	4
66	Allergies and Childhood Acute Lymphoblastic Leukemia: A Case–Control Study and Meta-analysis. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 1142-1150.	1.1	5
67	Genomic characterization of chronic lymphocytic leukemia (CLL) in radiation-exposed Chornobyl cleanup workers. Environmental Health, 2018, 17, 43.	1.7	11
68	An overview of disparities in childhood cancer: Report on the Inaugural Symposium on Childhood Cancer Health Disparities, Houston, Texas, 2016. Pediatric Hematology and Oncology, 2018, 35, 95-110.	0.3	25
69	To ERV Is Human: A Phenotype-Wide Scan Linking Polymorphic Human Endogenous Retrovirus-K Insertions to Complex Phenotypes. Frontiers in Genetics, 2018, 9, 298.	1.1	26
70	Correlates of Prenatal and Early-Life Tobacco Smoke Exposure and Frequency of Common Gene Deletions in Childhood Acute Lymphoblastic Leukemia. Cancer Research, 2017, 77, 1674-1683.	0.4	28
71	Adult infiltrating gliomas with WHO 2016 integrated diagnosis: additional prognostic roles of ATRX and TERT. Acta Neuropathologica, 2017, 133, 1001-1016.	3.9	245
72	Immunomethylomic approach to explore the blood neutrophil lymphocyte ratio (NLR) in glioma survival. Clinical Epigenetics, 2017, 9, 10.	1.8	60

#	Article	IF	CITATIONS
73	Cesarean Section and Risk of Childhood Acute Lymphoblastic Leukemia in a Population-Based, Record-Linkage Study in California. American Journal of Epidemiology, 2017, 185, 96-105.	1.6	34
74	In utero cytomegalovirus infection and development of childhood acute lymphoblastic leukemia. Blood, 2017, 129, 1680-1684.	0.6	55
75	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
76	Non-additive and epistatic effects of HLA polymorphisms contributing to risk of adult glioma. Journal of Neuro-Oncology, 2017, 135, 237-244.	1.4	13
77	Perinatal factors associated with clinical presentation of osteosarcoma in children and adolescents. Pediatric Blood and Cancer, 2017, 64, e26349.	0.8	28
78	Trends in childhood leukemia incidence over two decades from 1992 to 2013. International Journal of Cancer, 2017, 140, 1000-1008.	2.3	77
79	GENE-55. CONSTITUTIONAL MUTATIONS IN TERT AND MENINGIOMA RISK. Neuro-Oncology, 2017, 19, vi104-vi105.	0.6	0
80	Tobacco Smoke and Ras Mutations Among Latino and Non-Latino Children with Acute Lymphoblastic Leukemia. Archives of Medical Research, 2016, 47, 677-683.	1.5	3
81	Association of common genetic variation in the protein C pathway genes with clinical outcomes in acute respiratory distress syndrome. Critical Care, 2016, 20, 151.	2.5	25
82	Genetic Variation Associated with Longer Telomere Length Increases Risk of Chronic Lymphocytic Leukemia. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 1043-1049.	1.1	61
83	Childhood Leukemia and Primary Prevention. Current Problems in Pediatric and Adolescent Health Care, 2016, 46, 317-352.	0.8	89
84	Genetic contribution to variation in DNA methylation at maternal smoking-sensitive loci in exposed neonates. Epigenetics, 2016, 11, 664-673.	1.3	32
85	Birth weight and risk of paediatric Hodgkin lymphoma: Findings from a population-based record linkage study in California. European Journal of Cancer, 2016, 69, 19-27.	1.3	11
86	Birth weight, fetal growth, and risk of pediatric rhabdomyosarcoma: an updated record linkage study in California. Annals of Epidemiology, 2016, 26, 141-145.	0.9	9
87	Stressful exit from the womb and risk of childhood leukaemia. Lancet Haematology,the, 2016, 3, e155-e156.	2.2	1
88	Understanding inherited genetic risk of adult glioma – a review. Neuro-Oncology Practice, 2016, 3, 10-16.	1.0	62
89	Pathway Analysis of Genome-wide Association Study in Childhood Leukemia among Hispanics. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 815-822.	1.1	11
90	Genome-wide CpG island methylation and intergenic demethylation propensities vary among different tumor sites. Nucleic Acids Research, 2016, 44, 1105-1117.	6.5	44

#	Article	IF	Citations
91	Clonal and microclonal mutational heterogeneity in high hyperdiploid acute lymphoblastic leukemia. Oncotarget, 2016, 7, 72733-72745.	0.8	12
92	Somatic and Germline Mutational Heterogeneity in High Hyperdiploid Acute Lymphoblastic Leukemia. Blood, 2016, 128, 1727-1727.	0.6	0
93	Rising rates of acute lymphoblastic leukemia in Hispanic children: trends in incidence from 1992 to 2011. Blood, 2015, 125, 3033-3034.	0.6	53
94	What causes leukemia?. Pediatric Blood and Cancer, 2015, 62, 1123-1124.	0.8	2
95	Somatic Mutation Allelic Ratio Test Using ddPCR (SMART-ddPCR): An Accurate Method for Assessment of Preferential Allelic Imbalance in Tumor DNA. PLoS ONE, 2015, 10, e0143343.	1.1	4
96	Whole-genome fingerprint of the DNA methylome during human B cell differentiation. Nature Genetics, 2015, 47, 746-756.	9.4	278
97	Periconceptional folate consumption is associated with neonatal DNA methylation modifications in neural crest regulatory and cancer development genes. Epigenetics, 2015, 10, 1166-1176.	1.3	41
98	Serum macrophage-derived chemokine/CCL22 levels are associated with glioma risk, CD4 T cell lymphopenia and survival time. International Journal of Cancer, 2015, 137, 826-836.	2.3	38
99	Epigenetic remodeling in B-cell acute lymphoblastic leukemia occurs in two tracks and employs embryonic stem cell-like signatures. Nucleic Acids Research, 2015, 43, 2590-2602.	6.5	42
100	Excess winter deaths caused by cardiovascular diseases are associated with both mild winter temperature and socio-economic inequalities in the U.S International Journal of Cardiology, 2015, 187, 642-644.	0.8	10
101	Telomere maintenance and the etiology of adult glioma. Neuro-Oncology, 2015, 17, 1445-1452.	0.6	70
102	A Heritable Missense Polymorphism in <i>CDKN2A</i> Confers Strong Risk of Childhood Acute Lymphoblastic Leukemia and Is Preferentially Selected during Clonal Evolution. Cancer Research, 2015, 75, 4884-4894.	0.4	38
103	Longer genotypically-estimated leukocyte telomere length is associated with increased adult glioma risk. Oncotarget, 2015, 6, 42468-42477.	0.8	87
104	Direct and Indirect Targets of the E2A-PBX1 Leukemia-Specific Fusion Protein. PLoS ONE, 2014, 9, e87602.	1,1	34
105	Integrative Bayesian variable selection with gene-based informative priors for genome-wide association studies. BMC Genetics, 2014, 15, 130.	2.7	6
106	Serum Immunoglobulin E and Risk of Pancreatic Cancer in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 1414-1420.	1.1	11
107	Genomic ancestry and somatic alterations correlate with age at diagnosis in Hispanic children with Bâ€eell acute lymphoblastic leukemia. American Journal of Hematology, 2014, 89, 721-725.	2.0	30
108	Variants near TERT and TERC influencing telomere length are associated with high-grade glioma risk. Nature Genetics, 2014, 46, 731-735.	9.4	161

#	Article	IF	CITATIONS
109	Assessment of Autoantibodies to Meningioma in a Population-based Study. American Journal of Epidemiology, 2013, 177, 75-83.	1.6	10
110	Tobacco Smoke Exposure and the Risk of Childhood Acute Lymphoblastic and Myeloid Leukemias by Cytogenetic Subtype. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 1600-1611.	1,1	67
111	Medically diagnosed infections and risk of childhood leukaemia: a population-based case–control study. International Journal of Epidemiology, 2012, 41, 1050-1059.	0.9	49
112	Perspectives on the causes of childhood leukemia. Chemico-Biological Interactions, 2012, 196, 59-67.	1.7	188
113	Risk of Squamous Cell Carcinoma of the Skin in Relation to IgE: a Nested Case–Control Study. Cancer Epidemiology Biomarkers and Prevention, 2011, 20, 2377-2383.	1.1	20
114	Profound Deficit of IL10 at Birth in Children Who Develop Childhood Acute Lymphoblastic Leukemia. Cancer Epidemiology Biomarkers and Prevention, 2011, 20, 1736-1740.	1.1	64
115	Matching on Race and Ethnicity in Case-Control Studies as a Means of Control for Population Stratification. Epidemiology (Sunnyvale, Calif), 2011, 01, 101.	0.3	9
116	Epidemiology and etiology of meningioma. Journal of Neuro-Oncology, 2010, 99, 307-314.	1.4	866
117	Backtracking RAS mutations in high hyperdiploid childhood acute lymphoblastic leukemia. Blood Cells, Molecules, and Diseases, 2010, 45, 186-191.	0.6	35
118	IgE, allergy, and risk of glioma: Update from the San Francisco Bay Area Adult Glioma Study in the Temozolomide era. International Journal of Cancer, 2009, 125, 680-687.	2.3	73
119	Backtracking of Leukemic Clones to Birth. Methods in Molecular Biology, 2009, 538, 7-27.	0.4	16
120	Household Exposure to Paint and Petroleum Solvents, Chromosomal Translocations, and the Risk of Childhood Leukemia. Environmental Health Perspectives, 2009, 117, 133-139.	2.8	57
121	Chromosomal Translocations in Childhood Leukemia: Natural History, Mechanisms, and Epidemiology. Journal of the National Cancer Institute Monographs, 2008, 2008, 87-90.	0.9	38
122	Chromosome 12p Deletions in <i>TEL-AML1 </i> Childhood Acute Lymphoblastic Leukemia Are Associated with Retrotransposon Elements and Occur Postnatally. Cancer Research, 2008, 68, 9935-9944.	0.4	26
123	Allergy-Related Polymorphisms Influence Glioma Status and Serum IgE Levels. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 1229-1235.	1.1	65
124	Cytogenetics of Hispanic and White Children with Acute Lymphoblastic Leukemia in California. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 578-581.	1.1	75
125	Ethnic Difference in Daycare Attendance, Early Infections, and Risk of Childhood Acute Lymphoblastic Leukemia. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 1928-1934.	1.1	66
126	Reduced Immunoglobulin E and Allergy among Adults with Glioma Compared with Controls. Cancer Research, 2004, 64, 8468-8473.	0.4	115

#	Article	IF	CITATIONS
127	Leukemia in twins: lessons in natural history. Blood, 2003, 102, 2321-2333.	0.6	450
128	Site-specific translocation and evidence of postnatal origin of the $t(1;19)$ E2A-PBX1 fusion in childhood acute lymphoblastic leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15101-15106.	3 . 3	104
129	Clustering of Translocation Breakpoints. Journal of the American Statistical Association, 2002, 97, 66-76.	1.8	25
130	History of allergies among adults with glioma and controls. International Journal of Cancer, 2002, 98, 609-615.	2.3	149
131	In utero origin of t(8;21) AML1-ETO translocations in childhood acute myeloid leukemia. Blood, 2002, 99, 3801-3805.	0.6	247
132	Low NAD(P)H:quinone oxidoreductase 1 activity is associated with increased risk of acute leukemia in adults. Blood, 2001, 97, 1422-1426.	0.6	125
133	Enhancement of myeloid cell growth by benzene metabolites via the production of active oxygen species. Free Radical Research, 1999, 30, 93-103.	1.5	38
134	Hispanic Ethnicity Differences in Birth Characteristics, Maternal Birth Place, and Risk of Early-Onset Hodgkin Lymphoma: A Population-Based Case-Control Study. Cancer Epidemiology Biomarkers and Prevention, 0, , .	1.1	0