

# Joe Brice Weinberg

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

5,081  
citations

76294

40  
h-index

91828

69  
g-index

106  
all docs

106  
docs citations

106  
times ranked

6390  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polygenic risk score and risk of monoclonal B-cell lymphocytosis in caucasians and risk of chronic lymphocytic leukemia (CLL) in African Americans. <i>Leukemia</i> , 2022, 36, 119-125.	3.3	10
2	Optimization of Meniscus Cell Transduction Using Lentivirus and Adeno-Associated Virus for Gene Editing and Tissue Engineering Applications. <i>Cartilage</i> , 2021, 13, 1602S-1607S.	1.4	1
3	Natural history of monoclonal B-cell lymphocytosis among relatives in CLL families. <i>Blood</i> , 2021, 137, 2046-2056.	0.6	16
4	Physiological Fitness and the Pathophysiology of Chronic Lymphocytic Leukemia (CLL). <i>Cells</i> , 2021, 10, 1165.	1.8	7
5	Endothelial glycocalyx degradation and disease severity in <i>Plasmodium vivax</i> and <i>Plasmodium knowlesi</i> malaria. <i>Scientific Reports</i> , 2021, 11, 9741.	1.6	6
6	Degradation of endothelial glycocalyx in Tanzanian children with falciparum malaria. <i>FASEB Journal</i> , 2021, 35, e21805.	0.2	5
7	Vascular Dysfunction in Malaria: Understanding the Role of the Endothelial Glycocalyx. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 751251.	1.8	11
8	A pilot study of high-intensity interval training in older adults with treatment naïve chronic lymphocytic leukemia. <i>Scientific Reports</i> , 2021, 11, 23137.	1.6	9
9	Novel Prognostic Markers in Previously Treated Chronic Lymphocytic Leukemia. <i>Blood</i> , 2021, 138, 4688-4688.	0.6	1
10	Evaluation of culture conditions for <i>in vitro</i> meniscus repair model systems using bone marrow-derived mesenchymal stem cells. <i>Connective Tissue Research</i> , 2020, 61, 322-337.	1.1	11
11	Meniscus-Derived Matrix Bioscaffolds: Effects of Concentration and Cross-Linking on Meniscus Cellular Responses and Tissue Repair. <i>International Journal of Molecular Sciences</i> , 2020, 21, 44.	1.8	15
12	Early Endothelial Activation Precedes Glycocalyx Degradation and Microvascular Dysfunction in Experimentally Induced <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> Infection. <i>Infection and Immunity</i> , 2020, 88, .	1.0	12
13	Polygenic Risk Score and Risk of Chronic Lymphocytic Leukemia, Monoclonal B-Cell Lymphocytosis (MBL), and MBL Subtypes. <i>Blood</i> , 2020, 136, 35-36.	0.6	0
14	Glycocalyx breakdown is increased in African children with cerebral and uncomplicated falciparum malaria. <i>FASEB Journal</i> , 2019, 33, 14185-14193.	0.2	18
15	Meniscus-Derived Matrix Scaffolds Promote the Integrative Repair of Meniscal Defects. <i>Scientific Reports</i> , 2019, 9, 8719.	1.6	29
16	Post-translational regulation could be determine functional differences between $\alpha$ and $\beta$ isoform " Response to Crist3bal $\alpha$ . <i>British Journal of Haematology</i> , 2019, 186, 637-637.	1.2	0
17	Kinetic and Cross-Sectional Studies on the Genesis of Hypoargininemia in Severe Pediatric <i>Plasmodium falciparum</i> Malaria. <i>Infection and Immunity</i> , 2019, 87, .	1.0	17
18	Glycocalyx Breakdown Is Associated With Severe Disease and Fatal Outcome in <i>Plasmodium falciparum</i> Malaria. <i>Clinical Infectious Diseases</i> , 2019, 69, 1712-1720.	2.9	31

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19	<scp>SET</scp> alpha and <scp>SET</scp> beta <scp>mRNA</scp> isoforms in chronic lymphocytic leukaemia. <i>British Journal of Haematology</i> , 2019, 184, 605-615.	1.2	24
20	Expression and prognostic relevance of calcium calmodulin-dependent protein kinase kinase 2 (CaMKK2) in chronic lymphocytic leukemia (CLL).. <i>Journal of Clinical Oncology</i> , 2019, 37, e19002-e19002.	0.8	3
21	Association of polygenic risk score with the risk of chronic lymphocytic leukemia and monoclonal B-cell lymphocytosis. <i>Blood</i> , 2018, 131, 2541-2551.	0.6	21
22	Clinical outcomes in chronic lymphocytic leukaemia associated with expression of CD5, a negative regulator of Bâ€cell receptor signalling. <i>British Journal of Haematology</i> , 2018, 183, 747-754.	1.2	5
23	Exercise and Chronic Lymphocytic Leukemia (CLL) - Relationships Among Physical Activity, Fitness, & Inflammation, and Their Impacts on CLL Patients. <i>Blood</i> , 2018, 132, 5540-5540.	0.6	1
24	Decreased Microvascular Function in Tanzanian Children With Severe and Uncomplicated Falciparum Malaria. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofx079.	0.4	4
25	Enhanced CDC of B cell chronic lymphocytic leukemia cells mediated by rituximab combined with a novel anti-complement factor H antibody. <i>PLoS ONE</i> , 2017, 12, e0179841.	1.1	11
26	Relationship of blood monocytes with chronic lymphocytic leukemia aggressiveness and outcomes: a multiâ€institutional study. <i>American Journal of Hematology</i> , 2016, 91, 687-691.	2.0	20
27	Nitric Oxideâ€Dependent Endothelial Dysfunction and Reduced Arginine Bioavailability in Plasmodium vivax Malaria but No Greater Increase in Intravascular Hemolysis in Severe Disease. <i>Journal of Infectious Diseases</i> , 2016, 214, 1557-1564.	1.9	19
28	Suppression of Glut1 and Glucose Metabolism by Decreased Akt/mTORC1 Signaling Drives T Cell Impairment in B Cell Leukemia. <i>Journal of Immunology</i> , 2016, 197, 2532-2540.	0.4	110
29	Monocyte polarization in children with falciparum malaria: relationship to nitric oxide insufficiency and disease severity. <i>Scientific Reports</i> , 2016, 6, 29151.	1.6	38
30	Meta-analysis of genome-wide association studies discovers multiple loci for chronic lymphocytic leukemia. <i>Nature Communications</i> , 2016, 7, 10933.	5.8	94
31	An investigation of vago-regulatory and health-behavior accounts for increased inflammation in posttraumatic stress disorder. <i>Journal of Psychosomatic Research</i> , 2016, 83, 33-39.	1.2	18
32	Fingolimod Is Cytotoxic in Acute Myeloid Leukemia Independent of Additional Chemotherapeutic Agents. <i>Blood</i> , 2016, 128, 5126-5126.	0.6	1
33	Impaired Systemic Tetrahydrobiopterin Bioavailability and Increased Oxidized Biopterins in Pediatric Falciparum Malaria: Association with Disease Severity. <i>PLoS Pathogens</i> , 2015, 11, e1004655.	2.1	29
34	Impaired Systemic Tetrahydrobiopterin Bioavailability and Increased Dihydrobiopterin in Adult Falciparum Malaria: Association with Disease Severity, Impaired Microvascular Function and Increased Endothelial Activation. <i>PLoS Pathogens</i> , 2015, 11, e1004667.	2.1	33
35	Decreased Endothelial Nitric Oxide Bioavailability, Impaired Microvascular Function, and Increased Tissue Oxygen Consumption in Children with Falciparum Malaria. <i>Journal of Infectious Diseases</i> , 2014, 210, 1627-1632.	1.9	38
36	Perifosine treatment in chronic lymphocytic leukemia: results of a phase II clinical trial and<i>in vitro</i> studies. <i>Leukemia and Lymphoma</i> , 2014, 55, 1067-1075.	0.6	28

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37	Dimethylarginines: Endogenous Inhibitors of Nitric Oxide Synthesis in Children With Falciparum Malaria. <i>Journal of Infectious Diseases</i> , 2014, 210, 913-922.	1.9	35
38	CD38 variation as a prognostic factor in chronic lymphocytic leukemia. <i>Leukemia and Lymphoma</i> , 2014, 55, 191-194.	0.6	11
39	Acute and Chronic Lymphocytic Leukemia Induces Exhaustion and Suppresses Metabolic Reprogramming in T Cell Activation. <i>Blood</i> , 2014, 124, 4121-4121.	0.6	0
40	Genome-wide association study identifies multiple risk loci for chronic lymphocytic leukemia. <i>Nature Genetics</i> , 2013, 45, 868-876.	9.4	179
41	Autoimmune disorders in patients with B-cell chronic lymphocytic leukemia.. <i>Journal of Clinical Oncology</i> , 2013, 31, 7103-7103.	0.8	0
42	Laboratory Correlates and a Phase I Clinical Trial Of Lenalidomide In Combination With Plerixafor In Patients With Previously Treated Chronic Lymphocytic Leukemia. <i>Blood</i> , 2013, 122, 5301-5301.	0.6	0
43	Molecular and Clinical Associations Between Vitamin D and Chronic Lymphocytic Leukemia. <i>Blood</i> , 2013, 122, 5282-5282.	0.6	1
44	Single nucleotide polymorphisms and inherited risk of chronic lymphocytic leukemia among African Americans. <i>Blood</i> , 2012, 120, 1687-1690.	0.6	16
45	Common variation at 6p21.31 (BAK1) influences the risk of chronic lymphocytic leukemia. <i>Blood</i> , 2012, 120, 843-846.	0.6	76
46	Plasma Plasmodium falciparum Histidine-Rich Protein-2 Concentrations Are Associated with Malaria Severity and Mortality in Tanzanian Children. <i>PLoS ONE</i> , 2012, 7, e35985.	1.1	48
47	Genome-wide association study identifies a novel susceptibility locus at 6p21.3 among familial CLL. <i>Blood</i> , 2011, 117, 1911-1916.	0.6	118
48	SET oncoprotein overexpression in B-cell chronic lymphocytic leukemia and non-Hodgkin lymphoma: a predictor of aggressive disease and a new treatment target. <i>Blood</i> , 2011, 118, 4150-4158.	0.6	108
49	Malaria severity and human nitric oxide synthase type 2 (NOS2) promoter haplotypes. <i>Human Genetics</i> , 2010, 127, 163-182.	1.8	23
50	Common occurrence of monoclonal Bâ€cell lymphocytosis among members of highâ€risk CLL families. <i>British Journal of Haematology</i> , 2010, 151, 152-158.	1.2	61
51	A Single Tube, Four-Color Flow Cytometry Assay for Evaluation of ZAP-70 and CD38 Expression in Chronic Lymphocytic Leukemia. <i>American Journal of Clinical Pathology</i> , 2010, 133, 708-717.	0.4	8
52	Genetic Susceptibility Variants for Chronic Lymphocytic Leukemia. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 1098-1102.	1.1	31
53	Increased Asymmetric Dimethylarginine in Severe Falciparum Malaria: Association with Impaired Nitric Oxide Bioavailability and Fatal Outcome. <i>PLoS Pathogens</i> , 2010, 6, e1000868.	2.1	70
54	Statin use and need for therapy in chronic lymphocytic leukemia. <i>Leukemia and Lymphoma</i> , 2010, 51, 2295-2298.	0.6	18

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55	Relationship of Cell-Free Hemoglobin to Impaired Endothelial Nitric Oxide Bioavailability and Perfusion in Severe Falciparum Malaria. <i>Journal of Infectious Diseases</i> , 2009, 200, 1522-1529.	1.9	124
56	A Genomic Approach to Improve Prognosis and Predict Therapeutic Response in Chronic Lymphocytic Leukemia. <i>Clinical Cancer Research</i> , 2009, 15, 6947-6955.	3.2	37
57	Inhibition of nitric oxide synthase by cobalamins and cobinamides. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1626-1632.	1.3	58
58	Inhibition of Matrix Metalloproteinases Enhances In Vitro Repair of the Meniscus. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 1557-1567.	0.7	66
59	Oligoclonal <i>TRBV</i> gene usage among CD8 <sup>+</sup> T cells in monoclonal B lymphocytosis and CLL. <i>British Journal of Haematology</i> , 2009, 145, 535-537.	1.2	4
60	Inhibition of integrative repair of the meniscus following acute exposure to interleukin-1 in vitro. <i>Journal of Orthopaedic Research</i> , 2008, 26, 504-512.	1.2	75
61	CLL cell apoptosis induced by nitric oxide synthase inhibitors: Correlation with lipid solubility and NOS1 dissociation constant. <i>Leukemia Research</i> , 2008, 32, 1061-1070.	0.4	11
62	Recovery of Endothelial Function in Severe Falciparum Malaria: Relationship with Improvement in Plasma Arginine and Blood Lactate Concentrations. <i>Journal of Infectious Diseases</i> , 2008, 198, 602-608.	1.9	73
63	Arginine, nitric oxide, carbon monoxide, and endothelial function in severe malaria. <i>Current Opinion in Infectious Diseases</i> , 2008, 21, 468-475.	1.3	84
64	Family-Associated Monoclonal B Lymphocytosis Is Commonly Oligoclonal and Expresses Markers Associated with Adverse Risk in CLL. <i>Blood</i> , 2008, 112, 3144-3144.	0.6	2
65	Safety Profile of L-Arginine Infusion in Moderately Severe Falciparum Malaria. <i>PLoS ONE</i> , 2008, 3, e2347.	1.1	28
66	Nitric Oxide Synthase and Cyclooxygenase Interactions in Cartilage and Meniscus. , 2007, 42, 31-62.		35
67	Repair Response of the Inner and Outer Regions of the Porcine Meniscus in Vitro. <i>American Journal of Sports Medicine</i> , 2007, 35, 754-762.	1.9	71
68	Impaired nitric oxide bioavailability and L-arginine reversible endothelial dysfunction in adults with falciparum malaria. <i>Journal of Experimental Medicine</i> , 2007, 204, 2693-2704.	4.2	270
69	Progressive immunoglobulin gene mutations in chronic lymphocytic leukemia: evidence for antigen-driven intraclonal diversification. <i>Blood</i> , 2007, 109, 1559-1567.	0.6	32
70	Enhanced integrative repair of the porcine meniscus in vitro by inhibition of interleukin-1 or tumor necrosis factor $\alpha$ . <i>Arthritis and Rheumatism</i> , 2007, 56, 3033-3043.	6.7	80
71	Clinical and molecular predictors of disease severity and survival in chronic lymphocytic leukemia. <i>American Journal of Hematology</i> , 2007, 82, 1063-1070.	2.0	47
72	Serum, urinary, and salivary nitric oxide in rheumatoid arthritis: complexities of interpreting nitric oxide measures. <i>Arthritis Research and Therapy</i> , 2006, 8, R140.	1.6	18

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73	Biaxial Strain Effects on Cells from the Inner and Outer Regions of the Meniscus. <i>Connective Tissue Research</i> , 2006, 47, 207-214.	1.1	36
74	Differential Activation of Nitric-oxide Synthase Isozymes by Calmodulin-Troponin C Chimeras. <i>Journal of Biological Chemistry</i> , 2004, 279, 33547-33557.	1.6	44
75	Thermodynamics of Oxidation-Reduction Reactions in Mammalian Nitric-oxide Synthase Isoforms. <i>Journal of Biological Chemistry</i> , 2004, 279, 18759-18766.	1.6	45
76	The effects of cyclic mechanical strain and tumor necrosis factor alpha on the response of cells of the meniscus. <i>Osteoarthritis and Cartilage</i> , 2004, 12, 956-962.	0.6	51
77	The Role of Biomechanics and Inflammation in Cartilage Injury and Repair. <i>Clinical Orthopaedics and Related Research</i> , 2004, 423, 17-26.	0.7	272
78	Low plasma arginine concentrations in children with cerebral malaria and decreased nitric oxide production. <i>Lancet, The</i> , 2003, 361, 676-678.	6.3	154
79	Regulation of matrix turnover in meniscal explants: role of mechanical stress, interleukin-1, and nitric oxide. <i>Journal of Applied Physiology</i> , 2003, 95, 308-313.	1.2	77
80	A new NOS2 promoter polymorphism associated with increased nitric oxide production and protection from severe malaria in Tanzanian and Kenyan children. <i>Lancet, The</i> , 2002, 360, 1468-1475.	6.3	176
81	Influence of hypoxia and reoxygenation on cytokine-induced production of proinflammatory mediators in articular cartilage. <i>Arthritis and Rheumatism</i> , 2002, 46, 968-975.	6.7	58
82	Mechanical Stress and Nitric Oxide Influence Leukotriene Production in Cartilage. <i>Biochemical and Biophysical Research Communications</i> , 2001, 285, 806-810.	1.0	20
83	The effects of static and intermittent compression on nitric oxide production in articular cartilage explants. <i>Journal of Orthopaedic Research</i> , 2001, 19, 729-737.	1.2	138
84	Interleukin-1, tumor necrosis factor $\alpha$ , and interleukin-17 synergistically up-regulate nitric oxide and prostaglandin E2 production in explants of human osteoarthritic knee menisci. <i>Arthritis and Rheumatism</i> , 2001, 44, 2078-2083.	6.7	197
85	Host Response to Infection: the Role of CpG DNA in Induction of Cyclooxygenase 2 and Nitric Oxide Synthase 2 in Murine Macrophages. <i>Infection and Immunity</i> , 2001, 69, 7703-7710.	1.0	32
86	Nitric Oxide Synthase 2 <sup>Lambar</sup> (G <sup>954C</sup> ), Increased Nitric Oxide Production, and Protection against Malaria. <i>Journal of Infectious Diseases</i> , 2001, 184, 330-336.	1.9	152
87	Nitric Oxide Synthase 2 and Cyclooxygenase 2 Interactions in Inflammation. <i>Immunologic Research</i> , 2000, 22, 319-342.	1.3	95
88	Peroxynitrite Formation and Decreased Catalase Activity in Autoimmune MRL-lpr/lpr Mice. <i>Molecular Medicine</i> , 2000, 6, 779-792.	1.9	53
89	Interferon- $\gamma$ 1A-induced polyarthritis in a patient with the HLA-DRB1*0404 allele. <i>Arthritis and Rheumatism</i> , 1999, 42, 569-573.	6.7	40
90	Blood Mononuclear Cell Nitric Oxide Production and Plasma Cytokine Levels in Healthy Gabonese Children with Prior Mild or Severe Malaria. <i>Infection and Immunity</i> , 1999, 67, 4977-4981.	1.0	55

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91	Reduction of NOS2 overexpression in rheumatoid arthritis patients treated with anti-tumor necrosis factor $\gamma$ monoclonal antibody (cA2). <i>Arthritis and Rheumatism</i> , 1998, 41, 2205-2210.	6.7	66
92	Nitric Oxide as an Inflammatory Mediator in Autoimmune MRL-lpr/lpr Mice. <i>Environmental Health Perspectives</i> , 1998, 106, 1131.	2.8	12
93	Nitric Oxide Production and Nitric Oxide Synthase Type 2 Expression by Human Mononuclear Phagocytes: A Review. <i>Molecular Medicine</i> , 1998, 4, 557-591.	1.9	188
94	Interferon (IFN)- $\gamma$ Activation of Human Blood Mononuclear Cells In Vitro and In Vivo for Nitric Oxide Synthase (NOS) Type 2 mRNA and Protein Expression: Possible Relationship of Induced NOS2 to the Anti- $\gamma$ Hepatitis C Effects of IFN- $\gamma$ In Vivo. <i>Journal of Experimental Medicine</i> , 1997, 186, 1495-1502.	4.2	116
95	PIG-A, DAF and proto-oncogene expression in paroxysmal nocturnal haemoglobinuria-associated acute myelogenous leukaemia blasts. <i>British Journal of Haematology</i> , 1995, 89, 72-78.	1.2	24
96	Neopterin production by HIV-1-infected mononuclear phagocytes. <i>Journal of Leukocyte Biology</i> , 1994, 56, 650-653.	1.5	4
97	Serum and ascitic fluid levels of interleukin-1, interleukin-6, and tumor necrosis factor-alpha in patients with ovarian epithelial cancer. <i>Cancer</i> , 1993, 72, 2433-2440.	2.0	150
98	Disease severity in rheumatoid arthritis: Relationships of plasma tumor necrosis factor- $\gamma$ , soluble interleukin 2-receptor, soluble CD4/CD8 ratio, neopterin, and fibrin D-dimer to traditional severity and functional measures. <i>Journal of Clinical Immunology</i> , 1992, 12, 353-361.	2.0	91
99	Chemotactic peptide receptor-cytoskeletal interactions and functional correlations in differentiated HL-60 cells and human polymorphonuclear leukocytes. <i>Journal of Cellular Physiology</i> , 1989, 141, 119-125.	2.0	7
100	Sperm-Macrophage Interaction in the Mouse: A Quantitative Assay in Vitro using <sup>111</sup> Indium Oxine-Labeled Sperm. <i>Biology of Reproduction</i> , 1987, 37, 1170-1178.	1.2	2
101	Metastatic hemangiopericytoma with prolonged survival. <i>Cancer</i> , 1987, 60, 916-920.	2.0	24
102	Endocytosis of red blood cells or haemoglobin by activated macrophages inhibits their tumoricidal effect. <i>Nature</i> , 1977, 269, 245-247.	13.7	86