Peter Newburger

List of Publications by Year
in descending order

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232 papers	22,379 citations	22099 59 h-index	8835 145 g-index
237 all docs	237 docs citations	237 times ranked	26830 citing authors

#	Article	IF	Citations
1	Identification and analysis of functional elements in 1% of the human genome by the ENCODE pilot project. Nature, 2007, 447, 799-816.	13.7	4,709
2	HLH-2004: Diagnostic and therapeutic guidelines for hemophagocytic lymphohistiocytosis. Pediatric Blood and Cancer, 2007, 48, 124-131.	0.8	4,018
3	A User's Guide to the Encyclopedia of DNA Elements (ENCODE). PLoS Biology, 2011, 9, e1001046.	2.6	1,257
4	Cloning the gene for an inherited human disorderâ€"chronic granulomatous diseaseâ€"on the basis of its chromosomal location. Nature, 1986, 322, 32-38.	13.7	833
5	Confirmed efficacy of etoposide and dexamethasone in HLH treatment: long-term results of the cooperative HLH-2004 study. Blood, 2017, 130, 2728-2738.	0.6	418
6	Ribosomal Protein L5 and L11 Mutations Are Associated with Cleft Palate and Abnormal Thumbs in Diamond-Blackfan Anemia Patients. American Journal of Human Genetics, 2008, 83, 769-780.	2.6	363
7	Therapy prolongation improves outcome in multisystem Langerhans cell histiocytosis. Blood, 2013, 121, 5006-5014.	0.6	343
8	A myelopoiesis-associated regulatory intergenic noncoding RNA transcript within the human HOXA cluster. Blood, 2009, 113, 2526-2534.	0.6	330
9	Treatment strategy for disseminated langerhans cell histiocytosis. Medical and Pediatric Oncology, 1994, 23, 72-80.	1.0	291
10	Role of Toll-like receptor 2 (TLR2) in neutrophil activation: GM-CSF enhances TLR2 expression and TLR2-mediated interleukin 8 responses in neutrophils. Blood, 2002, 100, 1860-1868.	0.6	277
11	Functional changes in human leukemic cell line HL-60. A model for myeloid differentiation. Journal of Cell Biology, 1979, 82, 315-322.	2.3	267
12	Partial Correction of the Phagocyte Defect in Patients with X-Linked Chronic Granulomatous Disease by Subcutaneous Interferon Gamma. New England Journal of Medicine, 1988, 319, 146-151.	13.9	261
13	Germline CYBB mutations that selectively affect macrophages in kindreds with X-linked predisposition to tuberculous mycobacterial disease. Nature Immunology, 2011, 12, 213-221.	7.0	248
14	Frequency and spectrum of central nervous system involvement in 193 children with haemophagocytic lymphohistiocytosis. British Journal of Haematology, 2008, 140, 327-335.	1.2	217
15	Ribosomal Protein Genes RPS10 and RPS26 Are Commonly Mutated in Diamond-Blackfan Anemia. American Journal of Human Genetics, 2010, 86, 222-228.	2.6	217
16	Stable longâ€term risk of leukaemia in patients with severe congenital neutropenia maintained on Gâ€CSF therapy. British Journal of Haematology, 2010, 150, 196-199.	1.2	211
17	The Genetic Landscape of Diamond-Blackfan Anemia. American Journal of Human Genetics, 2018, 103, 930-947.	2.6	184
18	Lentiviral gene therapy for X-linked chronic granulomatous disease. Nature Medicine, 2020, 26, 200-206.	15.2	175

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19	Advances in understanding the pathogenesis of <scp>HLH</scp>. British Journal of Haematology, 2013, 161, 609-622.	1.2	174
20	X-Linked Chronic Granulomatous Disease: Mutations in the CYBB Gene Encoding the gp91-phox Component of Respiratory-Burst Oxidase. American Journal of Human Genetics, 1998, 62, 1320-1331.	2.6	171
21	The effects of irradiation on blood components. Transfusion, 1981, 21, 419-426.	0.8	169
22	Activation of the Leukocyte NADPH Oxidase by Phorbol Ester Requires the Phosphorylation of p47 on Serine 303 or 304. Journal of Biological Chemistry, 1998, 273, 9539-9543.	1.6	169
23	Evaluation and Management of Patients With Isolated Neutropenia. Seminars in Hematology, 2013, 50, 198-206.	1.8	167
24	How I treat Langerhans cell histiocytosis. Blood, 2015, 126, 26-35.	0.6	160
25	Prenatal Diagnosis of Chronic Granulomatous Disease. New England Journal of Medicine, 1979, 300, 178-181.	13.9	153
26	Recombinant interferon gamma augments phagocyte superoxide production and X-chronic granulomatous disease gene expression in X-linked variant chronic granulomatous disease.. Journal of Clinical Investigation, 1987, 80, 1009-1016.	3.9	151
27	Long intergenic non-coding RNA HOTAIRM1 regulates cell cycle progression during myeloid maturation in NB4 human promyelocytic leukemia cells. RNA Biology, 2014, 11, 777-787.	1.5	143
28	Induction of phagocyte cytochrome b heavy chain gene expression by interferon gamma.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 5215-5219.	3.3	138
29	Frameshift mutation in p53 regulatorRPL26is associated with multiple physical abnormalities and a specific pre-ribosomal RNA processing defect in diamond-blackfan anemia. Human Mutation, 2012, 33, 1037-1044.	1.1	135
30	Toll-like receptorâ€“mediated activation of neutrophils by influenza A virus. Blood, 2008, 112, 2028-2034.	0.6	125
31	RNA expression patterns change dramatically in human neutrophils exposed to bacteria. Blood, 2001, 97, 2457-2468.	0.6	124
32	The diversity of mutations and clinical outcomes for ELANE-associated neutropenia. Current Opinion in Hematology, 2015, 22, 3-11.	1.2	123
33	Clinical spectrum of pyruvate kinase deficiency: data from the Pyruvate Kinase Deficiency Natural History Study. Blood, 2018, 131, 2183-2192.	0.6	121
34	The Respiratory Burst Oxidase and the Molecular Genetics of Chronic Granulomatous Disease. Critical Reviews in Clinical Laboratory Sciences, 1993, 30, 329-369.	2.7	119
35	Gene expression in mature neutrophils: early responses to inflammatory stimuli. Journal of Leukocyte Biology, 2004, 75, 358-372.	1.5	113
36	Role of toll-like receptor 2 (TLR2) in neutrophil activation: GM-CSF enhances TLR2 expression and TLR2-mediated interleukin 8 responses in neutrophils. Blood, 2002, 100, 1860-8.	0.6	108

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37	Chronic Granulomatous Disease Presenting in a 69-Year-Old Man. New England Journal of Medicine, 1991, 325, 1786-1790.	13.9	107
38	Sequences in the 3'-untranslated region of the human cellular glutathione peroxidase gene are necessary and sufficient for selenocysteine incorporation at the UGA codon. Journal of Biological Chemistry, 1993, 268, 11463-9.	1.6	102
39	Correction of infantile agranulocytosis (Kostmann's syndrome) by allogeneic bone marrow transplantation. American Journal of Medicine, 1980, 68, 605-609.	0.6	100
40	Novel deletion of RPL15 identified by array-comparative genomic hybridization in Diamondâ€“Blackfan anemia. Human Genetics, 2013, 132, 1265-1274.	1.8	97
41	Genomic and proteomic analysis of the myeloid differentiation program. Blood, 2001, 98, 513-524.	0.6	94
42	Measurement of superoxide release in the phagovacuoles of immune complex-stimulated human neutrophils. Journal of Immunological Methods, 1990, 130, 223-233.	0.6	93
43	Neutrophil Responses to Sterile Implant Materials. PLoS ONE, 2015, 10, e0137550.	1.1	92
44	Glutathione peroxidase protein. Absence in selenium deficiency states and correlation with enzymatic activity.. Journal of Clinical Investigation, 1986, 77, 1402-1404.	3.9	92
45	The Role of Tollâ€Like Receptors in Herpes Simplex Infection in Neonates. Journal of Infectious Diseases, 2005, 191, 746-748.	1.9	91
46	Selenium Regulation of Glutathione Peroxidase in Human Hepatoma Cell Line Hep3B. Archives of Biochemistry and Biophysics, 1993, 304, 53-57.	1.4	89
47	Genomic and proteomic analysis of the myeloid differentiation program: global analysis of gene expression during induced differentiation in the MPRO cell line. Blood, 2002, 100, 3209-3220.	0.6	88
48	HOX antisense lincRNA HOXA-AS2 is an apoptosis repressor in allTransretinoic acid treated NB4 promyelocytic leukemia cells. Journal of Cellular Biochemistry, 2013, 114, 2375-2383.	1.2	86
49	Development of the superoxide-generating system during differentiation of the HL-60 human promyelocytic leukemia cell line.. Journal of Biological Chemistry, 1984, 259, 3771-3776.	1.6	84
50	Autosomal recessive chronic granulomatous disease caused by defects in NCF-1, the gene encoding the phagocyte p47-phox: mutations not arising in theNCF-1 pseudogenes. Blood, 2001, 97, 305-311.	0.6	82
51	Congenital sideroblastic anemia due to mutations in the mitochondrial HSP70 homologue HSPA9. Blood, 2015, 126, 2734-2738.	0.6	78
52	Neutrophil elastase mutations and risk of leukaemia in severe congenital neutropenia. British Journal of Haematology, 2007, 140, 071120230220002-???.	1.2	77
53	Esophagitis due to adriamycin and radiation therapy for childhood malignancy. Cancer, 1978, 42, 417-423.	2.0	72
54	Leukemia Relapse in Donor Cells after Allogeneic Bone-Marrow Transplantation. New England Journal of Medicine, 1981, 304, 712-714.	13.9	72

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55	Use of rituximab for refractory cytopenias associated with autoimmune lymphoproliferative syndrome (ALPS). Pediatric Blood and Cancer, 2009, 52, 847-852.	0.8	70
56	Interferon-gamma improves splicing efficiency of CYBB gene transcripts in an interferon-responsive variant of chronic granulomatous disease due to a splice site consensus region mutation. Blood, 2000, 95, 3548-3554.	0.6	66
57	Glucosylceramide synthase inhibition enhances vincristine-induced cytotoxicity. International Journal of Cancer, 2001, 93, 131-138.	2.3	64
58	The Human NADPH Oxidase: Primary and Secondary Defects Impairing the Respiratory Burst Function and the Microbicidal Ability of Phagocytes. Scandinavian Journal of Immunology, 2011, 73, 420-427.	1.3	63
59	T-cell activation profiles distinguish hemophagocytic lymphohistiocytosis and early sepsis. Blood, 2021, 137, 2337-2346.	0.6	63
60	Mutations in the promoter region of the gene for gp91-phox in X-linked chronic granulomatous disease with decreased expression of cytochrome b558.. Journal of Clinical Investigation, 1994, 94, 1205-1211.	3.9	63
61	Development of the superoxide-generating system during differentiation of the HL-60 human promyelocytic leukemia cell line. Journal of Biological Chemistry, 1984, 259, 3771-6.	1.6	63
62	Gene expression in human neutrophils during activation and priming by bacterial lipopolysaccharide. Journal of Cellular Biochemistry, 2003, 89, 848-861.	1.2	61
63	Cyclic neutropenia and severe congenital neutropenia in patients with a shared ELANE mutation and paternal haplotype: Evidence for phenotype determination by modifying genes. Pediatric Blood and Cancer, 2010, 55, 314-317.	0.8	60
64	Benign ethnic neutropenia. Blood Reviews, 2019, 37, 100586.	2.8	56
65	Identification and Molecular Cloning of a Human Selenocysteine Insertion Sequence-binding Protein. Journal of Biological Chemistry, 1998, 273, 5443-5446.	1.6	55
66	Allogeneic bone marrow transplantation for chronic granulomatous disease. Journal of Pediatrics, 1982, 101, 952-955.	0.9	54
67	Activity and activation of the granulocyte superoxide-generating system. Blood, 1980, 55, 85-92.	0.6	54
68	RNA-binding Proteins That Specifically Recognize the Selenocysteine Insertion Sequence of Human Cellular Glutathione Peroxidase mRNA. Journal of Biological Chemistry, 1995, 270, 30448-30452.	1.6	53
69	Global analysis of neutrophil gene expression. Current Opinion in Hematology, 2000, 7, 16-20.	1.2	53
70	A molecular classification of congenital neutropenia syndromes. Pediatric Blood and Cancer, 2007, 49, 609-614.	0.8	51
71	Hapten-specific IgE antibody responses in mice. IV. Evidence for distinctive sensitivities of IgE and IgG B lymphocytes to the regulatory influence of T cells. Journal of Immunology, 1974, 113, 974-83.	0.4	51
72	Restitution of superoxide generation in autosomal cytochrome-negative chronic granulomatous disease (A22(0) CGD)-derived B lymphocyte cell lines by transfection with p22phax cDNA.. Journal of Experimental Medicine, 1993, 178, 2047-2053.	4.2	47

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73	Local arterial nanoparticle delivery of siRNA for NOX2 knockdown to prevent restenosis in an atherosclerotic rat model. Gene Therapy, 2010, 17, 1279-1287.	2.3	47
74	Genotypeâ€phenotype correlation and molecular heterogeneity in pyruvate kinase deficiency. American Journal of Hematology, 2020, 95, 472-482.	2.0	47
75	RNAi screen identifies UBE2D3 as a mediator of all-trans retinoic acid-induced cell growth arrest in human acute promyelocytic NB4 cells. Blood, 2007, 110, 640-650.	0.6	46
76	Prevalence and management of iron overload in pyruvate kinase deficiency: report from the Pyruvate Kinase Deficiency Natural History Study. Haematologica, 2019, 104, e51-e53.	1.7	46
77	NAD(P)H-dependent superoxide production by phagocytic vesicles from guinea pig and human granulocytes. Journal of Biological Chemistry, 1980, 255, 6584-8.	1.6	45
78	X chromosome-wide analyses of genomic DNA methylation states and gene expression in male and female neutrophils. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3704-3709.	3.3	44
79	In vitro regulation of human phagocyte cytochrome b heavy and light chain gene expression by bacterial lipopolysaccharide and recombinant human cytokines. Journal of Biological Chemistry, 1991, 266, 16171-7.	1.6	43
80	O2- production by B lymphocytes lacking the respiratory burst oxidase subunit p47phox after transfection with an expression vector containing a p47phox cDNA.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 10174-10177.	3.3	42
81	Lineage specificity of gene expression patterns. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6508-6513.	3.3	42
82	Structure and function of the selenium translation element in the 3'-untranslated region of human cellular glutathione peroxidase mRNA. Rna, 1995, 1, 519-25.	1.6	42
83	Chronic granulomatous disease in Latin American patients: Clinical spectrum and molecular genetics. Pediatric Blood and Cancer, 2006, 46, 243-252.	0.8	41
84	Autoimmune and other acquired neutropenias. Hematology American Society of Hematology Education Program, 2016, 2016, 38-42.	0.9	40
85	Manipulating DNA damage-response signaling for the treatment of immune-mediated diseases. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4782-E4791.	3.3	40
86	Relationships between in vitro selenium supply, glutathione peroxidase activity, and phagocytic function in the HL-60 human myeloid cell line.. Journal of Biological Chemistry, 1985, 260, 8951-8955.	1.6	40
87	Potentiation of helper T cell function in IgE antibody responses by bacterial lipolysaccharide (LPS). Journal of Immunology, 1974, 113, 824-9.	0.4	40
88	Esophagitis induced by combined radiation and adriamycin. American Journal of Roentgenology, 1979, 132, 567-570.	1.0	39
89	Isolation and chromosomal localization of the human glutathione peroxidase gene. Genomics, 1990, 6, 268-271.	1.3	39
90	Use of Granulocyte Colony-Stimulating Factor During Pregnancy in Women With Chronic Neutropenia. Obstetrics and Gynecology, 2015, 125, 197-203.	1.2	38

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91	Characterization of a spontaneous mutation to a beta-thalassemia allele. American Journal of Human Genetics, 1986, 38, 860-7.	2.6	37
92	Intercellular transfer of shed tumor cell gangliosides. FEBS Letters, 1996, 386, 11-14.	1.3	36
93	p47phox PX domain of NADPH oxidase targets cell membrane via moesin-mediated association with the actin cytoskeleton. Journal of Cellular Biochemistry, 2004, 92, 795-809.	1.2	36
94	Long-Term Effects of G-CSF Therapy in Cyclic Neutropenia. New England Journal of Medicine, 2017, 377, 2290-2292.	13.9	35
95	Functionally deficient differentiation of HL-60 promyelocytic leukemia cells induced by phorbol myristate acetate. Cancer Research, 1981, 41, 1861-5.	0.4	35
96	Temporal evolution of gene expression in rat carotid artery following balloon angioplasty. Journal of Cellular Biochemistry, 2007, 101, 399-410.	1.2	34
97	Stem cell transplantation for children with hemophagocytic lymphohistiocytosis: results from the HLH-2004 study. Blood Advances, 2020, 4, 3754-3766.	2.5	34
98	Association of Damaging Variants in Genes With Increased Cancer Risk Among Patients With Congenital Heart Disease. JAMA Cardiology, 2021, 6, 457.	3.0	34
99	Hapten-specific IgE antibody responses in mice. 3. Establishment of parameters for generation of helper T cell function regulating the primary and secondary responses of IgE and IgG B lymphocytes. Journal of Immunology, 1974, 113, 958-73.	0.4	34
100	Changes in superoxide dismutase, catalase, and the glutathione cycle during induced myeloid differentiation. Archives of Biochemistry and Biophysics, 1986, 251, 551-557.	1.4	33
101	Dexamethasone but not indomethacin inhibits human phagocyte nicotinamide adenine dinucleotide phosphate oxidase activity by down-regulating expression of genes encoding oxidase components. Journal of Immunology, 1998, 161, 4960-7.	0.4	33
102	Recognition and binding of the human selenocysteine insertion sequence by nucleolin. , 2000, 77, 507-516.		32
103	Differential expression of Id genes in multipotent myeloid progenitor cells: Id-1 is induced by early- and late-acting cytokines while Id-2 is selectively induced by cytokines that drive terminal granulocytic differentiation. , 1998, 71, 277-285.		31
104	Gangliosides Drive the Tumor Infiltration and Function of Myeloid-Derived Suppressor Cells. Cancer Research, 2014, 74, 5449-5457.	0.4	31
105	Relationships between in vitro selenium supply, glutathione peroxidase activity, and phagocytic function in the HL-60 human myeloid cell line. Journal of Biological Chemistry, 1985, 260, 8951-5.	1.6	31
106	Chronic pain: Principles of management. Journal of Pediatrics, 1981, 98, 180-189.	0.9	30
107	Constitutive and inducible granulocyte-macrophage functions in mouse, rat, and human myeloid leukemia-derived continuous tissue culture lines. Cancer Research, 1978, 38, 3340-8.	0.4	30
108	Characterization of an immune response gene in mice controlling IgE and IgG antibody responses to ragweed pollen extract and its 2,4-dinitrophenylated derivative. European Journal of Immunology, 1974, 4, 346-349.	1.6	29

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109	Biochemical and morphological characterization of basophilic leukocytes from two patients with myelogenous leukemia. Journal of Immunology, 1987, 138, 2616-25.	0.4	29
110	NADPH Oxidase Activity and Cytochromeb558Content of Human Epstein-Barr-Virus-Transformed B Lymphocytes Correlate with Expression of Genes Encoding Components of the Oxidase System. Archives of Biochemistry and Biophysics, 1998, 360, 158-164.	1.4	28
111	Synthesis, Shedding, and Intercellular Transfer of Human Medulloblastoma Gangliosides: Abrogation by a New Inhibitor of Glucosylceramide Synthase. Journal of Neurochemistry, 2002, 70, 467-472.	2.1	28
112	Essential role of nuclear factor-ÎºB for NADPH oxidase activity in normal and anhidrotic ectodermal dysplasia leukocytes. Blood, 2008, 112, 1453-1460.	0.6	28
113	Dissociation of opsonized particle phagocytosis and respiratory burst activity in an Epstein-Barr virus-infected myeloid cell line.. Journal of Cell Biology, 1980, 85, 549-557.	2.3	26
114	Superoxide Generation by Human Fetal Granulocytes. Pediatric Research, 1982, 16, 373-376.	1.1	26
115	Expression of the X-CGD gene during induced differentiation of myeloid leukemia cell line HL-60.. Molecular and Cellular Biology, 1988, 8, 2804-2810.	1.1	26
116	Dynamics of Î±-globin locus chromatin structure and gene expression during erythroid differentiation of human CD34+ cells in culture. Experimental Hematology, 2009, 37, 1143-1156.e3.	0.2	25
117	Aberrant splicing contributes to severe Î±-spectrinâ€“linked congenital hemolytic anemia. Journal of Clinical Investigation, 2019, 129, 2878-2887.	3.9	24
118	[16] A modified method for the display of 3â€²-end restriction fragments of cDNAs: Molecular profiling of gene expression in neutrophils. Methods in Enzymology, 1999, 303, 272-297.	0.4	23
119	BARCODE-ALL: accelerated and cost-effective genetic risk stratification in acute leukemia using spectrally addressable liquid bead microarrays. Leukemia, 2003, 17, 1404-1410.	3.3	23
120	A limited number of genes are involved in the differentiation of germinal center B cells. Journal of Cellular Biochemistry, 2006, 99, 1308-1325.	1.2	23
121	Dissecting ELANE neutropenia pathogenicity by human HSC gene editing. Cell Stem Cell, 2021, 28, 833-845.e5.	5.2	23
122	IFN-Î³ signature in the plasma proteome distinguishes pediatric hemophagocytic lymphohistiocytosis from sepsis and SIRS. Blood Advances, 2021, 5, 3457-3467.	2.5	23
123	Cloning the Gene for the Inherited Disorder Chronic Granulomatous Disease on the Basis of Its Chromosomal Location. Cold Spring Harbor Symposia on Quantitative Biology, 1986, 51, 177-183.	2.0	23
124	Interferon-gamma improves splicing efficiency of CYBB gene transcripts in an interferon-responsive variant of chronic granulomatous disease due to a splice site consensus region mutation. Blood, 2000, 95, 3548-54.	0.6	23
125	Detection of complex gangliosides in human amniotic fluid. FEBS Letters, 1993, 328, 13-16.	1.3	22
126	Relationships between the cell cycle and the expression of c-myc and transferrin receptor genes during induced myeloid differentiation. Experimental Cell Research, 1990, 186, 1-5.	1.2	21

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127	An In-Frame Trinucleotide Repeat in the Coding Region of the Human Cellular Glutathione Peroxidase (GPX1) Gene: In Vivo Polymorphism and in Vitro Instability. Genomics, 1994, 23, 292-294.	1.3	21
128	Umbilical cord blood as a new and promising source of unrelated-donor hematopoietic stem cells for transplantation. Current Opinion in Pediatrics, 1996, 8, 29-32.	1.0	21
129	Structural characterization andin vivo immunosuppressive activity of neuroblastoma GD2. Glycoconjugate Journal, 1996, 13, 385-389.	1.4	21
130	X-CGDbase: a database of X-CGD-causing mutations. Trends in Immunology, 1996, 17, 517-521.	7.5	20
131	Opsonized zymosan-stimulated granulocytes-activation and activity of the superoxide-generating system and membrane potential changes. Blood, 1981, 58, 975-82.	0.6	20
132	Heterogeneous Pathways of Oxidizing Radical Production in Human Neutrophils and the HL-60 Cell Line. Pediatric Research, 1982, 16, 856-860.	1.1	19
133	Case 40-1987. New England Journal of Medicine, 1987, 317, 879-890.	13.9	19
134	Selenium-regulated translation control of heterologous gene expression: Normal function of selenocysteine-substituted gene products. Journal of Cellular Biochemistry, 1996, 61, 410-419.	1.2	18
135	Association of glucose-6-phosphate dehydrogenase deficiency and X-linked chronic granulomatous disease in a child with anemia and recurrent infections. American Journal of Hematology, 2004, 75, 151-156.	2.0	18
136	Hemophagocytic lymphohistiocytosis with MUNC13â€4 gene mutation or reduced natural killer cell function prior to onset of childhood leukemia. Pediatric Blood and Cancer, 2011, 56, 856-858.	0.8	18
137	Neutropenia in the age of genetic testing: Advances and challenges. American Journal of Hematology, 2019, 94, 384-393.	2.0	18
138	Langerhans cell histiocytosis: progress and controversies. British Journal of Haematology, 2019, 187, 559-562.	1.2	18
139	A panorama of lineage-specific transcription in hematopoiesis. BioEssays, 2004, 26, 1276-1287.	1.2	17
140	Nuclease sensitive element binding protein 1 associates with the selenocysteine insertion sequence and functions in mammalian selenoprotein translation. Journal of Cellular Physiology, 2006, 207, 775-783.	2.0	17
141	Somatic mosaic monosomy 7 and UPD7q in a child with MIRAGE syndrome caused by a novel SAMD9 mutation. Pediatric Blood and Cancer, 2019, 66, e27589.	0.8	17
142	An unusual intronic mutation in the CYBB gene giving rise to chronic granulomatous disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2001, 1537, 125-131.	1.8	16
143	Neuroblastomas of infancy exhibit a characteristic ganglioside pattern. Cancer, 2001, 91, 785-793.	2.0	16
144	The Effect of IFN-Î³ and TNF-Î± on the NADPH Oxidase System of Human Colostrum Macrophages, Blood Monocytes, and THP-1 Cells. Journal of Interferon and Cytokine Research, 2005, 25, 540-546.	0.5	16

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145	Induction of Programmed Cell Death and Immunosuppression by Exogenous Sphingolipids are Separate Processes. FEBS Journal, 1996, 241, 47-55.	0.2	15
146	IFN-Î³ and tumor gangliosides: Implications for the tumor microenvironment. Cellular Immunology, 2018, 325, 33-40.	1.4	15
147	How we approach: Severe congenital neutropenia and myelofibrosis due to mutations in VPS45. Pediatric Blood and Cancer, 2019, 66, e27473.	0.8	15
148	Alteration of Neuroblastoma Ganglioside Metabolism by Retinoic Acid. Journal of Neurochemistry, 1992, 59, 2297-2303.	2.1	14
149	Regulation of CYBB Gene Expression in Human Phagocytes by a Distant Upstream NFâ€ºB Binding Site. Journal of Cellular Biochemistry, 2015, 116, 2008-2017.	1.2	14
150	Splenic progenitors aid in maintaining high neutrophil numbers at sites of sterile chronic inflammation. Journal of Leukocyte Biology, 2016, 100, 253-260.	1.5	14
151	A novel homozygous VPS45 p.P468L mutation leading to severe congenital neutropenia with myelofibrosis. Pediatric Blood and Cancer, 2017, 64, e26571.	0.8	14
152	Restoration of phagocyte function by interferon-gamma in X-linked chronic granulomatous disease occurs at the level of a progenitor cell. Blood, 1990, 76, 2443-8.	0.6	14
153	A new X-linked variant of chronic granulomatous disease characterized by the existence of a normal clone of respiratory burst-competent phagocytic cells. Blood, 1995, 85, 231-41.	0.6	14
154	The Effect of IFN-Î³and TNF-Î±on the Eosinophilic Differentiation and NADPH Oxidase Activation of Human HL-60 Clone 15 Cells. Journal of Interferon and Cytokine Research, 2003, 23, 737-744.	0.5	13
155	Upâ€regulation of NADPH oxidase components and increased production of interferonâ€gamma by leukocytes from sickle cell disease patients. American Journal of Hematology, 2008, 83, 41-45.	2.0	13
156	Is There a Role for Anti-Neutrophil Antibody Testing in Predicting Spontaneous Resolution of Neutropenia in Young Children. Blood, 2015, 126, 2211-2211.	0.6	13
157	Modulation of Mononuclear Phagocyte Cytotoxicity by Alpha-Tocopherol (Vitamin E). Journal of Leukocyte Biology, 1985, 37, 449-459.	1.5	12
158	Adolescents with cancer: access to clinical trials and age-appropriate care. Current Opinion in Pediatrics, 2002, 14, 1-4.	1.0	11
159	Superoxide release and cellular gluthatione peroxidase activity in leukocytes from children with persistent asthma. Brazilian Journal of Medical and Biological Research, 2004, 37, 1607-1613.	0.7	11
160	Acute lymphocytic leukemia with eosinophilia and unusual karyotype. Leukemia and Lymphoma, 2006, 47, 1176-1179.	0.6	11
161	Mosaic tetraploidy and transientGFI1mutation in a patient with severe chronic neutropenia. Pediatric Blood and Cancer, 2008, 50, 630-632.	0.8	11
162	Phagocyte nicotinamide adenine dinucleotide phosphate oxidase activity in patients with inherited IFN-Î³R1 or IFN-Î³R2 deficiency. Journal of Allergy and Clinical Immunology, 2015, 135, 1393-1395.e1.	1.5	11

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163	CD28 Blockade Ex Vivo Induces Alloantigen-Specific Immune Tolerance but Preserves T-Cell Pathogen Reactivity. Frontiers in Immunology, 2017, 8, 1152.	2.2	11
164	Simultaneous Flow Cytometric Measurements of Cytoplasmic Ca++ and Membrane Potential Changes Upon FMLP Exposure as HL-60 Cells Mature Into Granulocytes: Using [Ca++]in as an Indicator of Granulocyte Maturity. Journal of Leukocyte Biology, 1990, 47, 265-274.	1.5	10
165	Nuclease sensitive element binding protein 1 gene disruption results in early embryonic lethality. Journal of Cellular Biochemistry, 2006, 99, 140-145.	1.2	10
166	Chediak-Higashi syndrome: studies in long-term bone marrow culture. Experimental Hematology, 1985, 13, 117-22.	0.2	10
167	Cellular and molecular effects of recombinant interferon gamma in chronic granulomatous disease. Hematology/Oncology Clinics of North America, 1988, 2, 267-76.	0.9	9
168	New perspectives in chronic granulomatous disease. Journal of Clinical Immunology, 1988, 8, 419-425.	2.0	8
169	Hematology and oncology. Current Opinion in Pediatrics, 2005, 17, 1-2.	1.0	8
170	Novel Transcribed Regions in the Human Genome. Cold Spring Harbor Symposia on Quantitative Biology, 2006, 71, 111-116.	2.0	8
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