Mark Wunderlich

List of Publications by Year
in descending order

71 papers	4,860 citations	201674 27 h-index	128289 60 g-index
76 all docs	76 docs citations	76 times ranked	7055 citing authors

#	Article	IF	Citations
1	LAMP-5 is an essential inflammatory-signaling regulator and novel immunotherapy target for mixed lineage leukemia-rearranged acute leukemia. Haematologica, 2022, 107, 803-815.	3.5	9
2	The deubiquitinase USP15 modulates cellular redox and is a therapeutic target in acute myeloid leukemia. Leukemia, 2022, 36, 438-451.	7.2	13
3	An In Vivo CRISPR Screening Platform for Prioritizing Therapeutic Targets in AML. Cancer Discovery, 2022, 12, 432-449.	9.4	32
4	Momelotinib is a highly potent inhibitor of FLT3-mutant AML. Blood Advances, 2022, 6, 1186-1192.	5.2	10
5	Opioid receptor signaling suppresses leukemia through both catalytic and non-catalytic functions of TET2. Cell Reports, 2022, 38, 110253.	6.4	6
6	Blocking UBE2N abrogates oncogenic immune signaling in acute myeloid leukemia. Science Translational Medicine, 2022, 14, eabb7695.	12.4	13
7	Unleashing Cell-Intrinsic Inflammation as a Strategy to Kill AML Blasts. Cancer Discovery, 2022, 12, 1760-1781.	9.4	15
8	Epigenetic regulator genes direct lineage switching inÂMLL/AF4 leukemia. Blood, 2022, 140, 1875-1890.	1.4	26
9	PD-1 Inhibition Enhances Blinatumomab Response in a UCB/PDX Model of Relapsed Pediatric B-Cell Acute Lymphoblastic Leukemia. Frontiers in Oncology, 2021, 11, 642466.	2.8	14
10	Tumor Microenvironmentâ€“Derived R-spondins Enhance Antitumor Immunity to Suppress Tumor Growth and Sensitize for Immune Checkpoint Blockade Therapy. Cancer Discovery, 2021, 11, 3142-3157.	9.4	6
11	Development and characterization of a DNA aptamer for MLL-AF9 expressing acute myeloid leukemia cells using whole cell-SELEX. Scientific Reports, 2021, 11, 19174.	3.3	8
12	Momelotinib Is a Highly Potent Inhibitor of FLT3-Mutant AML. Blood, 2021, 138, 206-206.	1.4	0
13	Rapid desensitization of humanized mice with anti-human FcÎµRIÎ± monoclonal antibodies. Journal of Allergy and Clinical Immunology, 2020, 145, 907-921.e3.	2.9	14
14	Therapeutic targeting of the E3 ubiquitin ligase SKP2 in T-ALL. Leukemia, 2020, 34, 1241-1252.	7.2	27
15	MBNL1 regulates essential alternative RNA splicing patterns in MLL-rearranged leukemia. Nature Communications, 2020, 11, 2369.	12.8	40
16	Targeting FTO Suppresses Cancer Stem Cell Maintenance and Immune Evasion. Cancer Cell, 2020, 38, 79-96.e11.	16.8	389
17	Asymmetrically Segregated Mitochondria Provide Cellular Memory of Hematopoietic Stem Cell Replicative History and Drive HSC Attrition. Cell Stem Cell, 2020, 26, 420-430.e6.	11.1	108
18	Salt-inducible kinase inhibition suppresses acute myeloid leukemia progression in vivo. Blood, 2020, 135, 56-70.	1.4	49

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19	High-risk LCH in infants is serially transplantable in a xenograft model but responds durably to targeted therapy. Blood Advances, 2020, 4, 717-727.	5.2	11
20	Cyclosporine enhances the sensitivity to lenalidomide in MDS/AML in vitro. Experimental Hematology, 2020, 86, 21-27.e2.	0.4	11
21	Targeting AML-associated FLT3 mutations with a type I kinase inhibitor. Journal of Clinical Investigation, 2020, 130, 2017-2023.	8.2	23
22	Perturbation of Methionine/S-adenosylmethionine Metabolism as a Novel Vulnerability in MLL Rearranged Leukemia. Cells, 2019, 8, 1322.	4.1	20
23	Oxidative Cyclizationâ€Induced Activation of a Phosphoinositide 3â€Kinase Inhibitor for Enhanced Selectivity of Cancer Chemotherapeutics. ChemMedChem, 2019, 14, 1933-1939.	3.2	7
24	Antitumor immunity augments the therapeutic effects of p53 activation on acute myeloid leukemia. Nature Communications, 2019, 10, 4869.	12.8	36
25	Overcoming adaptive therapy resistance in AML by targeting immune response pathways. Science Translational Medicine, 2019, 11, .	12.4	54
26	Small-Molecule Targeting of Oncogenic FTO Demethylase in Acute Myeloid Leukemia. Cancer Cell, 2019, 35, 677-691.e10.	16.8	516
27	Improved chemotherapy modeling with RAG-based immune deficient mice. PLoS ONE, 2019, 14, e0225532.	2.5	21
28	Improved chemotherapy modeling with RAG-based immune deficient mice. , 2019, 14, e0225532.		0
29	Improved chemotherapy modeling with RAG-based immune deficient mice. , 2019, 14, e0225532.		0
30	Improved chemotherapy modeling with RAG-based immune deficient mice. , 2019, 14, e0225532.		0
31	Improved chemotherapy modeling with RAG-based immune deficient mice. , 2019, 14, e0225532.		0
32	METTL14 Inhibits Hematopoietic Stem/Progenitor Differentiation and Promotes Leukemogenesis via mRNA m6A Modification. Cell Stem Cell, 2018, 22, 191-205.e9.	11.1	749
33	R-2HG Exhibits Anti-tumor Activity by Targeting FTO/m6A/MYC/CEBPA Signaling. Cell, 2018, 172, 90-105.e23.	28.9	794
34	Improved multilineage human hematopoietic reconstitution and function in NSGS mice. PLoS ONE, 2018, 13, e0209034.	2.5	65
35	Comparative utility of NRG and NRGS mice for the study of normal hematopoiesis, leukemogenesis, and therapeutic response. Experimental Hematology, 2018, 67, 18-31.	0.4	24
36	Proton Sensor GPR68 Is Essential to Maintain Myeloid Malignancies. Blood, 2018, 132, 1353-1353.	1.4	0

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37	In Vitro Approach for the Identification of Exceptional Responders in Acute Myeloid Leukemia. Blood, 2018, 132, 2212-2212.	1.4	0
38	Autophagy is dispensable for Kmt2a/Mll-Mllt3/Af9 AML maintenance and anti-leukemic effect of chloroquine. Autophagy, 2017, 13, 955-966.	9.1	43
39	CD44 variant isoform 9 emerges in response to injury and contributes to the regeneration of the gastric epithelium. Journal of Pathology, 2017, 242, 463-475.	4.5	41
40	Targeted inhibition of STAT/TET1 axis as a therapeutic strategy for acute myeloid leukemia. Nature Communications, 2017, 8, 2099.	12.8	45
41	Targeted Inhibition of STAT/TET1 Axis As a Potent Therapeutic Strategy for Acute Myeloid Leukemia. Blood, 2017, 130, 857-857.	1.4	1
42	Supraphysiologic levels of the AML1-ETO isoform AE9a are essential for transformation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9075-9080.	7.1	14
43	Instructive Role of MLL-Fusion Proteins Revealed by a Model of t(4;11) Pro-B Acute Lymphoblastic Leukemia. Cancer Cell, 2016, 30, 737-749.	16.8	95
44	MISTRG extends PDX modeling to favorable AMLs. Blood, 2016, 128, 2111-2112.	1.4	10
45	A xenograft model of macrophage activation syndrome amenable to anti-CD33 and antiâ€“IL-6R treatment. JCI Insight, 2016, 1, e88181.	5.0	43
46	Immortalization of human AE pre-leukemia cells by hTERT allows leukemic transformation. Oncotarget, 2016, 7, 55939-55950.	1.8	8
47	Xenograft models for normal and malignant stem cells. Blood, 2015, 125, 2630-2640.	1.4	112
48	A ROSâ€Activatable Agent Elicits Homologous Recombination DNA Repair and Synergizes with Pathway Compounds. ChemBioChem, 2015, 16, 2513-2521.	2.6	6
49	MLL-Rearranged Acute Lymphoblastic Leukemias Activate BCL-2 through H3K79 Methylation and Are Sensitive to the BCL-2-Specific Antagonist ABT-199. Cell Reports, 2015, 13, 2715-2727.	6.4	118
50	Antibodies targeting human IL1RAP (IL1R3) show therapeutic effects in xenograft models of acute myeloid leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10786-10791.	7.1	92
51	Design of a hydrogen peroxide-activatable agent that specifically targets cancer cells. Bioorganic and Medicinal Chemistry, 2014, 22, 6885-6892.	3.0	17
52	OKT3 prevents xenogeneic GVHD and allows reliable xenograft initiation from unfractionated human hematopoietic tissues. Blood, 2014, 123, e134-e144.	1.4	63
53	Therapeutic antagonists of microRNAs deplete leukemia-initiating cell activity. Journal of Clinical Investigation, 2014, 124, 222-236.	8.2	66
54	Targeting IRAK1 as a Therapeutic Approach for Myelodysplastic Syndrome. Cancer Cell, 2013, 24, 90-104.	16.8	168

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55	AML cells are differentially sensitive to chemotherapy treatment in a human xenograft model. Blood, 2013, 121, e90-e97.	1.4	95
56	miR-196b directly targets both HOXA9/MEIS1 oncogenes and FAS tumour suppressor in MLL-rearranged leukaemia. Nature Communications, 2012, 3, 688.	12.8	138
57	Cytotoxic effects of bortezomib in myelodysplastic syndrome/acute myeloid leukemia depend on autophagy-mediated lysosomal degradation of TRAF6 and repression of PSMA1. Blood, 2012, 120, 858-867.	1.4	94
58	Development and Characterization of a Novel Human Xenograft Model Using an MDS Patient-Derived Cell Line. Blood, 2012, 120, 3814-3814.	1.4	0
59	Prenatal Origin of Monosomy 7 in Very Young Children.. Blood, 2012, 120, 2557-2557.	1.4	0
60	Chromatin Modifications Induced by the AML1/ETO Fusion Protein Reversibly Silence Its Genomic Targets Through AML1 and Sp1 Binding Motifs. Blood, 2011, 118, 2422-2422.	1.4	1
61	Adaptation of a Xenograft AML Model to Evaluate Chemotherapeutic Efficacy In Vivo. Blood, 2010, 116, 3304-3304.	1.4	1
62	Model Systems for Examining Effects of Leukemia Associated Oncogenes in Primary Human CD34+ Cells via Retroviral Transduction. Methods in Molecular Biology, 2009, 538, 263-285.	0.9	17
63	A Novel Method of Mobilizing Leukemia Initiating Cells by a Small Molecule Cdc42 Activity-Specific Inhibitor (CASIN) for Acute Myeloid Leukemia Therapy.. Blood, 2009, 114, 13-13.	1.4	4
64	A New Immunodeficient Mouse Strain, NOD/SCID IL2RÎ³â^'/â^' SGM3, Promotes Enhanced Human Hematopoietic Cell Xenografts with a Robust T Cell Component.. Blood, 2009, 114, 3524-3524.	1.4	13
65	Epigenomic Analysis of Acute Myeloid Leukemia Identifies Specific Patterns and Markes with Clinical and Biological Relevance.. Blood, 2009, 114, 2394-2394.	1.4	0
66	Bcl-XL Is a Critical Mediator of Rac Signaling in MLL-AF9-Induced Acute Myeloid Leukemia.. Blood, 2009, 114, 1971-1971.	1.4	0
67	Microenvironment Determines Lineage Fate in a Human Model of MLL-AF9 Leukemia. Cancer Cell, 2008, 13, 483-495.	16.8	297
68	Transforming human blood stem and progenitor cells: A new way forward in leukemia modeling. Cell Cycle, 2008, 7, 3314-3319.	2.6	28
69	Human CD34+ cells expressing the inv(16) fusion protein exhibit a myelomonocytic phenotype with greatly enhanced proliferative ability. Blood, 2006, 108, 1690-1697.	1.4	46
70	AML1-ETO fusion protein up-regulates TRKA mRNA expression in human CD34+ cells, allowing nerve growth factor-induced expansion. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4016-4021.	7.1	71
71	Human CD34+ Cells Expressing CBFÎ²-MYH11 Exhibit a Myelomonocytic Phenotype with Greatly Enhanced Proliferative Ability.. Blood, 2005, 106, 1379-1379.	1.4	0