

# Rob A Cairns

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

9,462  
citations

331538

21  
h-index

526166

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

17430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of 5-hydroxymethylcytosine is a frequent event in peripheral T-cell lymphomas. <i>Haematologica</i> , 2018, 103, e115-e118.	1.7	23
2	p53 mutants cooperate with HIF-1 in transcriptional regulation of extracellular matrix components to promote tumor progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10869-E10878.	3.3	102
3	Fire and water: Tumor cell adaptation to metabolic conditions. <i>Experimental Cell Research</i> , 2017, 356, 204-208.	1.2	16
4	Metabolic targeting of HIF-dependent glycolysis reduces lactate, increases oxygen consumption and enhances response to high-dose single-fraction radiotherapy in hypoxic solid tumors. <i>BMC Cancer</i> , 2017, 17, 418.	1.1	43
5	IDH1 deficiency attenuates gluconeogenesis in mouse liver by impairing amino acid utilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 292-297.	3.3	19
6	S-2HG is an immunometabolite that shapes the T-cell response. <i>Cell Death and Differentiation</i> , 2017, 24, 195-196.	5.0	3
7	The IDH2 R172K mutation associated with angioimmunoblastic T-cell lymphoma produces 2HG in T cells and impacts lymphoid development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 15084-15089.	3.3	96
8	Lung Cancer Resets the Liver's Metabolic Clock. <i>Cell Metabolism</i> , 2016, 23, 767-769.	7.2	1
9	The current state of cancer metabolism. <i>Nature Reviews Cancer</i> , 2016, 16, 613-614.	12.8	57
10	Mutant IDH1 Downregulates ATM and Alters DNA Repair and Sensitivity to DNA Damage Independent of TET2. <i>Cancer Cell</i> , 2016, 30, 337-348.	7.7	166
11	An Alternative Sugar Fuels AML. <i>Cancer Cell</i> , 2016, 30, 660-662.	7.7	6
12	PINK1 Is a Negative Regulator of Growth and the Warburg Effect in Glioblastoma. <i>Cancer Research</i> , 2016, 76, 4708-4719.	0.4	107
13	<i>Idh1</i> mutations contribute to the development of T-cell malignancies in genetically engineered mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1387-1392.	3.3	16
14	Mutant <i>IDH</i> is sufficient to initiate enchondromatosis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2829-2834.	3.3	115
15	ALDH2(E487K) mutation increases protein turnover and promotes murine hepatocarcinogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9088-9093.	3.3	78
16	Drivers of the Warburg Phenotype. <i>Cancer Journal (Sudbury, Mass)</i> , 2015, 21, 56-61.	1.0	51
17	Oncogenic Isocitrate Dehydrogenase Mutations: Mechanisms, Models, and Clinical Opportunities. <i>Cancer Discovery</i> , 2013, 3, 730-741.	7.7	371
18	IDH2 mutations are frequent in angioimmunoblastic T-cell lymphoma. <i>Blood</i> , 2012, 119, 1901-1903.	0.6	435

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19	Recurrent TET2 mutations in peripheral T-cell lymphomas correlate with TFH-like features and adverse clinical parameters. <i>Blood</i> , 2012, 120, 1466-1469.	0.6	402
20	D-2-hydroxyglutarate produced by mutant IDH1 perturbs collagen maturation and basement membrane function. <i>Genes and Development</i> , 2012, 26, 2038-2049.	2.7	257
21	Regulation of cancer cell metabolism. <i>Nature Reviews Cancer</i> , 2011, 11, 85-95.	12.8	4,100
22	Cancer-associated metabolite 2-hydroxyglutarate accumulates in acute myelogenous leukemia with isocitrate dehydrogenase 1 and 2 mutations. <i>Journal of Experimental Medicine</i> , 2010, 207, 339-344.	4.2	657
23	Pharmacologically Increased Tumor Hypoxia Can Be Measured by 18F-Fluoroazomycin Arabinoside Positron Emission Tomography and Enhances Tumor Response to Hypoxic Cytotoxin PR-104. <i>Clinical Cancer Research</i> , 2009, 15, 7170-7174.	3.2	31
24	Metabolic targeting of hypoxia and HIF1 in solid tumors can enhance cytotoxic chemotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9445-9450.	3.3	152
25	HIF-1 mediates adaptation to hypoxia by actively downregulating mitochondrial oxygen consumption. <i>Cell Metabolism</i> , 2006, 3, 187-197.	7.2	1,919
26	A fluorescent orthotopic model of metastatic cervical carcinoma. <i>Clinical and Experimental Metastasis</i> , 2004, 21, 275-282.	1.7	31
27	Acute Hypoxia Enhances Spontaneous Lymph Node Metastasis in an Orthotopic Murine Model of Human Cervical Carcinoma. <i>Cancer Research</i> , 2004, 64, 2054-2061.	0.4	208