

Patrick J Pollard

List of Publications by Year in descending order

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57
papers

8,314
citations

81900

39
h-index

149698

56
g-index

57
all docs

57
docs citations

57
times ranked

11300
citing authors

#	ARTICLE	IF	CITATIONS
1	Fumarate hydratase is a critical metabolic regulator of hematopoietic stem cell functions. <i>Journal of Experimental Medicine</i> , 2017, 214, 719-735.	8.5	62
2	Fumarate Hydratase Deletion in Pancreatic β^2 Cells Leads to Progressive Diabetes. <i>Cell Reports</i> , 2017, 20, 3135-3148.	6.4	57
3	Expression of Idh1R132H in the Murine Subventricular Zone Stem Cell Niche Recapitulates Features of Early Gliomagenesis. <i>Cancer Cell</i> , 2016, 30, 578-594.	16.8	122
4	The Succinated Proteome of FH-Mutant Tumours. <i>Metabolites</i> , 2014, 4, 640-654.	2.9	48
5	Prolyl hydroxylase domain enzymes: important regulators of cancer metabolism. <i>Hypoxia (Auckland, N Z)</i> 19, 48. ETQq1110784314rgBT/Over	1.9	48
6	Concise Review: Genetic Dissection of Hypoxia Signaling Pathways in Normal and Leukemic Stem Cells. <i>Stem Cells</i> , 2014, 32, 1390-1397.	3.2	27
7	Current Morphologic Criteria Perform Poorly in Identifying Hereditary Leiomyomatosis and Renal Cell Carcinoma Syndrome-associated Uterine Leiomyomas. <i>International Journal of Gynecological Pathology</i> , 2014, 33, 560-567.	1.4	25
8	OGFOD1 catalyzes prolyl hydroxylation of RPS23 and is involved in translation control and stress granule formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4031-4036.	7.1	105
9	Rewiring Mitochondrial Pyruvate Metabolism: Switching Off the Light in Cancer Cells?. <i>Molecular Cell</i> , 2014, 56, 343-344.	9.7	13
10	Germline mutations in FH confer predisposition to malignant pheochromocytomas and paragangliomas. <i>Human Molecular Genetics</i> , 2014, 23, 2440-2446.	2.9	316
11	Telomerase reverse transcriptase promoter mutations in tumors originating from the adrenal gland and extra-adrenal paraganglia. <i>Endocrine-Related Cancer</i> , 2014, 21, 653-661.	3.1	39
12	Inhibition of Mitochondrial Aconitase by Succination in Fumarate Hydratase Deficiency. <i>Cell Reports</i> , 2013, 3, 689-700.	6.4	137
13	A Role for Cytosolic Fumarate Hydratase in Urea Cycle Metabolism and Renal Neoplasia. <i>Cell Reports</i> , 2013, 3, 1440-1448.	6.4	78
14	Renal cell carcinoma: translational aspects of metabolism and therapeutic consequences. <i>Kidney International</i> , 2013, 84, 667-681.	5.2	28
15	Succinate: A New Epigenetic Hacker. <i>Cancer Cell</i> , 2013, 23, 709-711.	16.8	71
16	Hif-2 α is not essential for cell-autonomous hematopoietic stem cell maintenance. <i>Blood</i> , 2013, 122, 1741-1745.	1.4	75
17	Oncometabolites: linking altered metabolism with cancer. <i>Journal of Clinical Investigation</i> , 2013, 123, 3652-3658.	8.2	334
18	HIF-1 α Is Not Essential For The Establishment Of MLL-Leukaemic Stem Cells. <i>Blood</i> , 2013, 122, 3767-3767.	1.4	3

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19	Cells Lacking the Fumarase Tumor Suppressor Are Protected from Apoptosis through a Hypoxia-Inducible Factor-Independent, AMPK-Dependent Mechanism. <i>Molecular and Cellular Biology</i> , 2012, 32, 3081-3094.	2.3	29
20	The emerging role of fumarate as an oncometabolite. <i>Frontiers in Oncology</i> , 2012, 2, 85.	2.8	140
21	Roles of individual prolyl-4-hydroxylase isoforms in the first 24 hours following transient focal cerebral ischaemia: insights from genetically modified mice. <i>Journal of Physiology</i> , 2012, 590, 4079-4091.	2.9	37
22	Fumarate Is Cardioprotective via Activation of the Nrf2 Antioxidant Pathway. <i>Cell Metabolism</i> , 2012, 15, 361-371.	16.2	231
23	The C-terminus of Apc does not influence intestinal adenoma development or progression. <i>Journal of Pathology</i> , 2012, 226, 73-83.	4.5	16
24	Comparative bioenergetic assessment of transformed cells using a cell energy budget platform. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 1135.	1.3	33
25	SDH mutations in cancer. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 1432-1443.	1.0	327
26	Renal Cyst Formation in Fh1-Deficient Mice Is Independent of the Hif/Phd Pathway: Roles for Fumarate in KEAP1 Succination and Nrf2 Signaling. <i>Cancer Cell</i> , 2011, 20, 524-537.	16.8	494
27	Haem oxygenase is synthetically lethal with the tumour suppressor fumarate hydratase. <i>Nature</i> , 2011, 477, 225-228.	27.8	433
28	Inborn and acquired metabolic defects in cancer. <i>Journal of Molecular Medicine</i> , 2011, 89, 213-220.	3.9	132
29	In the ring with polycystic kidney disease—avoiding the knockout punch. <i>Journal of Pathology</i> , 2011, 223, 1-3.	4.5	0
30	Aberrant succination of proteins in fumarate hydratase-deficient mice and HLRCC patients is a robust biomarker of mutation status. <i>Journal of Pathology</i> , 2011, 225, 4-11.	4.5	225
31	Human AlkB Homologue 5 Is a Nuclear 2-Oxoglutarate Dependent Oxygenase and a Direct Target of Hypoxia-Inducible Factor 1 \pm (HIF-1 \pm). <i>PLoS ONE</i> , 2011, 6, e16210.	2.5	120
32	Novel Insights into FH-associated Disease are KEAPing the Lid on Oncogenic HIF Signalling. <i>Oncotarget</i> , 2011, 2, 820-821.	1.8	4
33	Dysregulation of hypoxia pathways in fumarate hydratase-deficient cells is independent of defective mitochondrial metabolism. <i>Human Molecular Genetics</i> , 2010, 19, 3844-3851.	2.9	91
34	Expression Profiling in Progressive Stages of Fumarate-Hydratase Deficiency: The Contribution of Metabolic Changes to Tumorigenesis. <i>Cancer Research</i> , 2010, 70, 9153-9165.	0.9	63
35	Severe polyposis in Apc ^{1322T} mice is associated with submaximal Wnt signalling and increased expression of the stem cell marker <i>Lgr5</i> . <i>Gut</i> , 2010, 59, 1680-1686.	12.1	60
36	Hypoxia Signaling in Hematopoietic Stem Cells: A Double-Edged Sword. <i>Cell Stem Cell</i> , 2010, 7, 276-278.	11.1	22

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37	Contrasting clinical manifestations of SDHB and VHL associated chromaffin tumours. <i>Endocrine-Related Cancer</i> , 2009, 16, 515-525.	3.1	35
38	Genome-wide Association of Hypoxia-inducible Factor (HIF)-1 α and HIF-2 α DNA Binding with Expression Profiling of Hypoxia-inducible Transcripts. <i>Journal of Biological Chemistry</i> , 2009, 284, 16767-16775.	3.4	516
39	Puzzling Patterns of Predisposition. <i>Science</i> , 2009, 324, 192-194.	12.6	55
40	Heterozygous Deficiency of PHD2 Restores Tumor Oxygenation and Inhibits Metastasis via Endothelial Normalization. <i>Cell</i> , 2009, 136, 839-851.	28.9	727
41	The Apc1322T Mouse Develops Severe Polyposis Associated With Submaximal Nuclear β -Catenin Expression. <i>Gastroenterology</i> , 2009, 136, 2204-2213.e13.	1.3	55
42	An immunohistochemical procedure to detect patients with paraganglioma and pheochromocytoma with germline SDHB, SDHC, or SDHD gene mutations: a retrospective and prospective analysis. <i>Lancet Oncology</i> , The, 2009, 10, 764-771.	10.7	477
43	Clinical manifestations of familial paraganglioma and pheochromocytomas in succinate dehydrogenase B (SDHB) gene mutation carriers. <i>Clinical Endocrinology</i> , 2008, 69, 587-596.	2.4	81
44	Mutation screening of fumarate hydratase by multiplex ligation-dependent probe amplification: detection of exonic deletion in a patient with leiomyomatosis and renal cell cancer. <i>Cancer Genetics and Cytogenetics</i> , 2008, 183, 83-88.	1.0	30
45	Regulation of Jumonji-domain-containing histone demethylases by hypoxia-inducible factor (HIF)-1 α . <i>Biochemical Journal</i> , 2008, 416, 387-394.	3.7	278
46	Targeted Inactivation of Fh1 Causes Proliferative Renal Cyst Development and Activation of the Hypoxia Pathway. <i>Cancer Cell</i> , 2007, 11, 311-319.	16.8	158
47	Bone Marrow-Derived Cells Contribute to Podocyte Regeneration and Amelioration of Renal Disease in a Mouse Model of Alport Syndrome. <i>Stem Cells</i> , 2006, 24, 2448-2455.	3.2	205
48	Aberrant expression of apoptosis proteins and ultrastructural aberrations in uterine leiomyomas from patients with hereditary leiomyomatosis and renal cell carcinoma. <i>Fertility and Sterility</i> , 2006, 86, 961-971.	1.0	5
49	Expression of HIF-1 α , HIF-2 α (EPAS1), and Their Target Genes in Paraganglioma and Pheochromocytoma with VHL and SDH Mutations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4593-4598.	3.6	131
50	Distinct expression profile in fumarate-hydratase-deficient uterine fibroids. <i>Human Molecular Genetics</i> , 2006, 15, 97-103.	2.9	67
51	Adult Leydig Cell Tumors of the Testis Caused by Germline Fumarate Hydratase Mutations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 3071-3075.	3.6	113
52	Mutations of the PU.1 Ets domain are specifically associated with murine radiation-induced, but not human therapy-related, acute myeloid leukaemia. <i>Oncogene</i> , 2005, 24, 3678-3683.	5.9	58
53	Evidence of increased microvessel density and activation of the hypoxia pathway in tumours from the hereditary leiomyomatosis and renal cell cancer syndrome. <i>Journal of Pathology</i> , 2005, 205, 41-49.	4.5	86
54	Accumulation of Krebs cycle intermediates and over-expression of HIF1 α in tumours which result from germline FH and SDH mutations. <i>Human Molecular Genetics</i> , 2005, 14, 2231-2239.	2.9	769

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55	The TCA cycle and tumorigenesis: the examples of fumarate hydratase and succinate dehydrogenase. <i>Annals of Medicine</i> , 2003, 35, 634-635.	3.8	131
56	Genetic and functional analyses of FH mutations in multiple cutaneous and uterine leiomyomatosis, hereditary leiomyomatosis and renal cancer, and fumarate hydratase deficiency. <i>Human Molecular Genetics</i> , 2003, 12, 1241-1252.	2.9	272
57	Myosin V-mediated vacuole distribution and fusion in fission yeast. <i>Current Biology</i> , 2001, 11, 1124-1127.	3.9	25