

# Julie Adam

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

5,170  
citations

172457

29  
h-index

223800

46  
g-index

48  
all docs

48  
docs citations

48  
times ranked

6905  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of a Delta homologue in prospective neurons in the chick. <i>Nature</i> , 1995, 375, 787-790.	27.8	990
2	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
3	Haem oxygenase is synthetically lethal with the tumour suppressor fumarate hydratase. <i>Nature</i> , 2011, 477, 225-228.	27.8	433
4	Maintenance of neuroepithelial progenitor cells by Delta-Notch signalling in the embryonic chick retina. <i>Current Biology</i> , 1997, 7, 661-670.	3.9	394
5	Structure of Factor-inhibiting Hypoxia-inducible Factor (HIF) Reveals Mechanism of Oxidative Modification of HIF-1 $\alpha$ . <i>Journal of Biological Chemistry</i> , 2003, 278, 1802-1806.	3.4	342
6	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
7	The emerging role of fumarate as an oncometabolite. <i>Frontiers in Oncology</i> , 2012, 2, 85.	2.8	140
8	Inhibition of Mitochondrial Aconitase by Succination in Fumarate Hydratase Deficiency. <i>Cell Reports</i> , 2013, 3, 689-700.	6.4	137
9	A simple and efficient procedure for non-isotopic in situ hybridization to sectioned material. <i>Trends in Genetics</i> , 1994, 10, 75-76.	6.7	135
10	Oxygenase-catalyzed ribosome hydroxylation occurs in prokaryotes and humans. <i>Nature Chemical Biology</i> , 2012, 8, 960-962.	8.0	135
11	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
12	Human AlkB Homologue 5 Is a Nuclear 2-Oxoglutarate Dependent Oxygenase and a Direct Target of Hypoxia-Inducible Factor 1 $\alpha$ (HIF-1 $\alpha$ ). <i>PLoS ONE</i> , 2011, 6, e16210.	2.5	120
13	Insulin inhibits glucagon release by SGLT2-induced stimulation of somatostatin secretion. <i>Nature Communications</i> , 2019, 10, 139.	12.8	117
14	Pharmacological targeting of the HIF hydroxylases – A new field in medicine development. <i>Molecular Aspects of Medicine</i> , 2016, 47-48, 54-75.	6.4	111
15	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
16	Optimal Translational Termination Requires C4 Lysyl Hydroxylation of eRF1. <i>Molecular Cell</i> , 2014, 53, 645-654.	9.7	99
17	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
18	A Role for Cytosolic Fumarate Hydratase in Urea Cycle Metabolism and Renal Neoplasia. <i>Cell Reports</i> , 2013, 3, 1440-1448.	6.4	78

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19	FIH-Dependent Asparaginyl Hydroxylation of Ankyrin Repeat Domain-Containing Proteins. <i>Annals of the New York Academy of Sciences</i> , 2009, 1177, 9-18.	3.8	75
20	Disruption of dimerization and substrate phosphorylation inhibit factor inhibiting hypoxia-inducible factor (FIH) activity. <i>Biochemical Journal</i> , 2004, 383, 429-437.	3.7	71
21	Factor-inhibiting hypoxia-inducible factor (FIH) catalyses the post-translational hydroxylation of histidinyl residues within ankyrin repeat domains. <i>FEBS Journal</i> , 2011, 278, 1086-1097.	4.7	68
22	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
23	Fumarate Hydratase Deletion in Pancreatic $\beta^2$ Cells Leads to Progressive Diabetes. <i>Cell Reports</i> , 2017, 20, 3135-3148.	6.4	57
24	Dysregulation of Glucagon Secretion by Hyperglycemia-Induced Sodium-Dependent Reduction of ATP Production. <i>Cell Metabolism</i> , 2019, 29, 430-442.e4.	16.2	57
25	Increased Expression of the Diabetes Gene <i>SOX4</i> Reduces Insulin Secretion by Impaired Fusion Pore Expansion. <i>Diabetes</i> , 2016, 65, 1952-1961.	0.6	55
26	The Succinated Proteome of FH-Mutant Tumours. <i>Metabolites</i> , 2014, 4, 640-654.	2.9	48
27	Remodelling of microRNAs in colorectal cancer by hypoxia alters metabolism profiles and 5-fluorouracil resistance. <i>Human Molecular Genetics</i> , 2017, 26, 1552-1564.	2.9	47
28	Sudestada1, a <i>Drosophila</i> ribosomal prolyl-hydroxylase required for mRNA translation, cell homeostasis, and organ growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4025-4030.	7.1	46
29	PHD2 inactivation in Type I cells drives HIF-independent multilineage hyperplasia and the formation of paraganglioma-like carotid bodies. <i>Journal of Physiology</i> , 2018, 596, 4393-4412.	2.9	37
30	The Jumonji-C oxygenase JMJD7 catalyzes (3S)-lysyl hydroxylation of TRAFAC GTPases. <i>Nature Chemical Biology</i> , 2018, 14, 688-695.	8.0	31
31	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
32	Somatostatin secretion by Na <sup>+</sup> -dependent Ca <sup>2+</sup> -induced Ca <sup>2+</sup> release in pancreatic delta cells. <i>Nature Metabolism</i> , 2020, 2, 32-40.	11.9	26
33	A role for Xrcc2 in the early stages of mouse development. <i>DNA Repair</i> , 2007, 6, 224-234.	2.8	24
34	Succination of Protein Disulfide Isomerase Links Mitochondrial Stress and Endoplasmic Reticulum Stress in the Adipocyte During Diabetes. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 1281-1296.	5.4	23
35	Purine nucleotide metabolism regulates expression of the human immune ligand MICA. <i>Journal of Biological Chemistry</i> , 2018, 293, 3913-3924.	3.4	23
36	Recent advances in the biology of tumour hypoxia with relevance to diagnostic practice and tissue-based research. <i>Journal of Pathology</i> , 2020, 250, 593-611.	4.5	23

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37	Interleukin-1 Beta Gene Deregulation Associated With Chromosomal Rearrangement: A Candidate Initiating Event for Murine Radiation-Myeloid Leukemogenesis?. <i>Molecular Carcinogenesis</i> , 1989, 2, 226-232.	2.7	20
38	Loss of Fumarate Hydratase and Aberrant Protein Succination Detected With S-(2-Succino)-Cysteine Staining to Identify Patients With Multiple Cutaneous and Uterine Leiomyomatosis and Hereditary Leiomyomatosis and Renal Cell Cancer Syndrome. <i>American Journal of Dermatopathology</i> , 2016, 38, 887-891.	0.6	17
39	Inosine pranobex enhances human NK cell cytotoxicity by inducing metabolic activation and NKG2D ligand expression. <i>European Journal of Immunology</i> , 2020, 50, 130-137.	2.9	13
40	Xrcc2 Modulates Spontaneous and Radiation-Induced Tumorigenesis in Apcmin/+ Mice. <i>Molecular Cancer Research</i> , 2010, 8, 1227-1233.	3.4	12
41	DNA Methylation Changes in the L-1 (2F) Chromosomal Region of Some Radiation-Induced Acute Myeloid Leukaemias Carrying Chromosome 2 Rearrangements. <i>Genes Chromosomes and Cancer</i> , 1991, 3, 376-381.	2.8	11
42	Hyperplasia and hypertrophy of pulmonary neuroepithelial bodies, presumed airway hypoxia sensors, in hypoxia-inducible factor prolyl hydroxylase-deficient mice. <i>Hypoxia (Auckland, N Z)</i> , 2016, 4, 69.	1.9	11
43	Patterns of recovery of high proliferation potential colony-forming cells after stressing the haemopoietic system-I. <i>Leukemia Research</i> , 1987, 11, 421-427.	0.8	4
44	Patterns of haemopoietic recovery after stressâ€™II. Treatment with fluorouracil. <i>Leukemia Research</i> , 1988, 12, 479-485.	0.8	4
45	Novel Insights into FH-associated Disease are KEAPing the Lid on Oncogenic HIF Signalling. <i>Oncotarget</i> , 2011, 2, 820-821.	1.8	4
46	Assessing cultured colonies automatically. <i>Leukemia Research</i> , 1986, 10, 539-547.	0.8	3
47	In the ring with polycystic kidney diseaseâ€™avoiding the knockout punch. <i>Journal of Pathology</i> , 2011, 223, 1-3.	4.5	0