Julie Adam

List of Publications by Year
in descending order

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	Inosine pranobex enhances human NK cell cytotoxicity by inducing metabolic activation and NKG2D ligand expression. European Journal of Immunology, 2020, 50, 130-137.	2.9	13
2	Recent advances in the biology of tumour hypoxia with relevance to diagnostic practice and tissueâ€based research. Journal of Pathology, 2020, 250, 593-611.	4.5	23
3	Somatostatin secretion by Na+-dependent Ca2+-induced Ca2+ release in pancreatic delta cells. Nature Metabolism, 2020, 2, 32-40.	11.9	26
4	Dysregulation of Glucagon Secretion by Hyperglycemia-Induced Sodium-Dependent Reduction of ATP Production. Cell Metabolism, 2019, 29, 430-442.e4.	16.2	57
5	Insulin inhibits glucagon release by SGLT2-induced stimulation of somatostatin secretion. Nature Communications, 2019, 10, 139.	12.8	117
6	Purine nucleotide metabolism regulates expression of the human immune ligand MICA. Journal of Biological Chemistry, 2018, 293, 3913-3924.	3.4	23
7	PHD2 inactivation in Type I cells drives HIFâ€2Î±â€dependent multilineage hyperplasia and the formation of paragangliomaâ€like carotid bodies. Journal of Physiology, 2018, 596, 4393-4412.	2.9	37
8	The Jumonji-C oxygenase JMJD7 catalyzes (3S)-lysyl hydroxylation of TRAFAC GTPases. Nature Chemical Biology, 2018, 14, 688-695.	8.0	31
9	Remodelling of microRNAs in colorectal cancer by hypoxia alters metabolism profiles and 5-fluorouracil resistance. Human Molecular Genetics, 2017, 26, 1552-1564.	2.9	47
10	Succination of Protein Disulfide Isomerase Links Mitochondrial Stress and Endoplasmic Reticulum Stress in the Adipocyte During Diabetes. Antioxidants and Redox Signaling, 2017, 27, 1281-1296.	5.4	23
11	Fumarate Hydratase Deletion in Pancreatic Î² Cells Leads to Progressive Diabetes. Cell Reports, 2017, 20, 3135-3148.	6.4	57
12	Hyperplasia and hypertrophy of pulmonary neuroepithelial bodies, presumed airway hypoxia sensors, in hypoxia-inducible factor prolyl hydroxylase-deficient mice. Hypoxia (Auckland, N Z), 2016, 4, 69.	1.9	11
13	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. American Journal of Dermatopathology, 2016, 38, 887-891.	0.6	17
14	Expression of Idh1R132H in the Murine Subventricular Zone Stem Cell Niche Recapitulates Features of Early Gliomagenesis. Cancer Cell, 2016, 30, 578-594.	16.8	122
15	Pharmacological targeting of the HIF hydroxylases â€“ A new field in medicine development. Molecular Aspects of Medicine, 2016, 47-48, 54-75.	6.4	111
16	Increased Expression of the Diabetes Gene SOX4 Reduces Insulin Secretion by Impaired Fusion Pore Expansion. Diabetes, 2016, 65, 1952-1961.	0.6	55
17	The Succinated Proteome of FH-Mutant Tumours. Metabolites, 2014, 4, 640-654.	2.9	48
18	Optimal Translational Termination Requires C4 Lysyl Hydroxylation of eRF1. Molecular Cell, 2014, 53, 645-654.	9.7	99

#	Article	IF	Citations
19	Sudestada1, a Drosophila ribosomal prolyl-hydroxylase required for mRNA translation, cell homeostasis, and organ growth. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4025-4030.	7.1	46
20	OGFOD1 catalyzes prolyl hydroxylation of RPS23 and is involved in translation control and stress granule formation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4031-4036.	7.1	105
21	Inhibition of Mitochondrial Aconitase by Succination in Fumarate Hydratase Deficiency. Cell Reports, 2013, 3, 689-700.	6.4	137
22	A Role for Cytosolic Fumarate Hydratase in Urea Cycle Metabolism and Renal Neoplasia. Cell Reports, 2013, 3, 1440-1448.	6.4	78
23	Cells Lacking the Fumarase Tumor Suppressor Are Protected from Apoptosis through a Hypoxia-Inducible Factor-Independent, AMPK-Dependent Mechanism. Molecular and Cellular Biology, 2012, 32, 3081-3094.	2.3	29
24	The emerging role of fumarate as an oncometabolite. Frontiers in Oncology, 2012, 2, 85.	2.8	140
25	Oxygenase-catalyzed ribosome hydroxylation occurs in prokaryotes and humans. Nature Chemical Biology, 2012, 8, 960-962.	8.0	135
26	Factorâ€inhibiting hypoxiaâ€inducible factor (FIH) catalyses the postâ€translational hydroxylation of histidinyl residues within ankyrin repeat domains. FEBS Journal, 2011, 278, 1086-1097.	4.7	68
27	Renal Cyst Formation in Fh1-Deficient Mice Is Independent of the Hif/Phd Pathway: Roles for Fumarate in KEAP1 Succination and Nrf2 Signaling. Cancer Cell, 2011, 20, 524-537.	16.8	494
28	Haem oxygenase is synthetically lethal with the tumour suppressor fumarate hydratase. Nature, 2011, 477, 225-228.	27.8	433
29	In the ring with polycystic kidney diseaseâ€"avoiding the knockout punch. Journal of Pathology, 2011, 223, 1-3.	4.5	0
30	Aberrant succination of proteins in fumarate hydrataseâ€deficient mice and HLRCC patients is a robust biomarker of mutation status. Journal of Pathology, 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 1Î± (HIF-1Î±). PLoS ONE, 2011, 6, e16210.	2.5	120
32	Novel Insights into FH-associated Disease are KEAPing the Lid on Oncogenic HIF Signalling. Oncotarget, 2011, 2, 820-821.	1.8	4
33	Xrcc2 Modulates Spontaneous and Radiation-Induced Tumorigenesis in Apcmin/+ Mice. Molecular Cancer Research, 2010, 8, 1227-1233.	3.4	12
34	Dysregulation of hypoxia pathways in fumarate hydratase-deficient cells is independent of defective mitochondrial metabolism. Human Molecular Genetics, 2010, 19, 3844-3851.	2.9	91
35	Expression Profiling in Progressive Stages of Fumarate-Hydratase Deficiency: The Contribution of Metabolic Changes to Tumorigenesis. Cancer Research, 2010, 70, 9153-9165.	0.9	63
36	FIHâ€Dependent Asparaginyl Hydroxylation of Ankyrin Repeat Domainâ€Containing Proteins. Annals of the New York Academy of Sciences, 2009, 1177, 9-18.	3.8	75

#	Article	IF	Citations
37	A role for Xrcc2 in the early stages of mouse development. DNA Repair, 2007, 6, 224-234.	2.8	24
38	Disruption of dimerization and substrate phosphorylation inhibit factor inhibiting hypoxia-inducible factor (FIH) activity. Biochemical Journal, 2004, 383, 429-437.	3.7	71
39	Structure of Factor-inhibiting Hypoxia-inducible Factor (HIF) Reveals Mechanism of Oxidative Modification of HIF-1Î±. Journal of Biological Chemistry, 2003, 278, 1802-1806.	3.4	342
40	Maintenance of neuroepithelial progenitor cells by Deltaâ€“Notch signalling in the embryonic chick retina. Current Biology, 1997, 7, 661-670.	3.9	394
41	Expression of a Delta homologue in prospective neurons in the chick. Nature, 1995, 375, 787-790.	27.8	990
42	A simple and efficient procedure for non-isotopic in situ hybridization to sectioned material. Trends in Genetics, 1994, 10, 75-76.	6.7	135
43	DNA Methylation Changes in theIL-1 (2F) Chromosomal Region of Some Radiation-Induced Acute Myeloid Leukaemias Carrying Chromosome 2 Rearrangements. Genes Chromosomes and Cancer, 1991, 3, 376-381.	2.8	11
44	Interleukin-1 Beta Gene Deregulation Associated With Chromosomal Rearrangement: A Candidate Initiating Event for Murine Radiation-Myeloid Leukemogenesis?. Molecular Carcinogenesis, 1989, 2, 226-232.	2.7	20
45	Patterns of haemopoietic recovery after stressâ€”II. Treatment with fluorouracil. Leukemia Research, 1988, 12, 479-485.	0.8	4
46	Patterns of recovery of high proliferation potential colony-forming cells after stressing the haemopoietic system-I. Leukemia Research, 1987, 11, 421-427.	0.8	4
47	Assessing cultured colonies automatically. Leukemia Research, 1986, 10, 539-547.	0.8	3