Nathalie M Mazure

List of Publications by Year
in descending order

47 papers	9,606 citations	159585 30 h-index	233421 45 g-index
49 all docs	49 docs citations	49 times ranked	18878 citing authors

#	Article	IF	Citations
1	Hypoxia and hypoxiaâ€inducible factors promote the development of neointimal hyperplasia in arteriovenous fistula. Journal of Physiology, 2021, 599, 2299-2321.	2.9	7
2	CXCR4 Drives Lympho-Myeloid Fate of Hematopoietic Progenitors Via mTOR and Mitochondrial Metabolic Pathways. Blood, 2021, 138, 2150-2150.	1.4	0
3	Resveratrol and HIVâ€protease inhibitors control UCP1 expression through opposite effects on p38 MAPK phosphorylation in human adipocytes. Journal of Cellular Physiology, 2020, 235, 1184-1196.	4.1	12
4	Plasmatic osteopontin is a predictive marker of stenosis in patients with a hemodialysis arteriovenous fistula. Annals of Vascular Surgery, 2020, 68, 98-99.	0.9	0
5	Evidences of a Direct Relationship between Cellular Fuel Supply and Ciliogenesis Regulated by Hypoxic VDAC1-Î”C. Cancers, 2020, 12, 3484.	3.7	9
6	Identification of a new aggressive axis driven by ciliogenesis and absence of VDAC1-Î”C in clear cell Renal Cell Carcinoma patients. Theranostics, 2020, 10, 2696-2713.	10.0	12
7	Coâ€culture of human fibroblasts, smooth muscle and endothelial cells promotes osteopontin induction in hypoxia. Journal of Cellular and Molecular Medicine, 2020, 24, 2931-2941.	3.6	7
8	Role of Hypoxia and Metabolism in the Development of Neointimal Hyperplasia in Arteriovenous Fistulas. International Journal of Molecular Sciences, 2019, 20, 5387.	4.1	19
9	PGC1Î± Inhibits Polyamine Synthesis to Suppress Prostate Cancer Aggressiveness. Cancer Research, 2019, 79, 3268-3280.	0.9	27
10	Hypoxia protects against the cell death triggered by oxovanadiumâ€“galactomannan complexes in HepG2 cells. Cellular and Molecular Biology Letters, 2019, 24, 18.	7.0	8
11	Primary Cilium in Cancer Hallmarks. International Journal of Molecular Sciences, 2019, 20, 1336.	4.1	65
12	The two glycolytic markers GLUT1 and MCT1 correlate with tumor grade and survival in clear-cell renal cell carcinoma. PLoS ONE, 2018, 13, e0193477.	2.5	35
13	Dysfunction in the mitochondrial Fe-S assembly machinery leads to formation of the chemoresistant truncated VDAC1 isoform without HIF-1Î± activation. PLoS ONE, 2018, 13, e0194782.	2.5	23
14	Hypoxic-induced truncation of voltage-dependent anion channel 1 is mediated by both asparagine endopeptidase and calpain 1 activities. Oncotarget, 2018, 9, 12825-12841.	1.8	12
15	Disrupting glucose-6-phosphate isomerase fully suppresses the â€œWarburg effectâ€•and activates OXPHOS with minimal impact on tumor growth except in hypoxia. Oncotarget, 2017, 8, 87623-87637.	1.8	77
16	The K⁺channel TASK1 modulates Î²â€adrenergic response in brown adipose tissue through the mineralocorticoid receptor pathway. FASEB Journal, 2016, 30, 909-922.	0.5	33
17	Local Mitochondrial-Endolysosomal Microfusion Cleaves Voltage-Dependent Anion Channel 1 To Promote Survival in Hypoxia. Molecular and Cellular Biology, 2015, 35, 1491-1505.	2.3	40
18	Knockout of Vdac1 activates hypoxia-inducible factor through reactive oxygen species generation and induces tumor growth by promoting metabolic reprogramming and inflammation. Cancer & Metabolism, 2015, 3, 8.	5.0	36

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19	Resistance to sunitinib in renal clear cell carcinoma results from sequestration in lysosomes and inhibition of the autophagic flux. Autophagy, 2015, 11, 1891-1904.	9.1	92
20	AMP-activated protein kinase is dispensable for maintaining ATP levels and for survival following inhibition of glycolysis, but promotes tumour engraftment of Ras-transformed fibroblasts. Oncotarget, 2015, 6, 11833-11847.	1.8	7
21	Genetic Evidence of a Precisely Tuned Dysregulation in the Hypoxia Signaling Pathway during Oncogenesis. Cancer Research, 2014, 74, 6554-6564.	0.9	32
22	MicroRNA Target Identification: Lessons from HypoxamiRs. Antioxidants and Redox Signaling, 2014, 21, 1249-1268.	5.4	12
23	Hypoxia promotes tumor cell survival in acidic conditions by preserving ATP levels. Journal of Cellular Physiology, 2013, 228, 1854-1862.	4.1	53
24	Expression of a Truncated Active Form of VDAC1 in Lung Cancer Associates with Hypoxic Cell Survival and Correlates with Progression to Chemotherapy Resistance. Cancer Research, 2012, 72, 2140-2150.	0.9	64
25	Distinct deregulation of the hypoxia inducible factor by PHD2 mutants identified in germline DNA of patients with polycythemia. Haematologica, 2012, 97, 9-14.	3.5	50
26	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
27	Glycogen Synthesis is Induced in Hypoxia by the Hypoxia-Inducible Factor and Promotes Cancer Cell Survival. Frontiers in Oncology, 2012, 2, 18.	2.8	164
28	Overexpression of carbonic anhydrase XII in tissues from resectable nonâ€small cell lung cancers is a biomarker of good prognosis. International Journal of Cancer, 2011, 128, 1614-1623.	5.1	84
29	Hypoxic enlarged mitochondria protect cancer cells from apoptotic stimuli. Journal of Cellular Physiology, 2010, 222, 648-657.	4.1	99
30	Hypoxia-induced autophagy: cell death or cell survival?. Current Opinion in Cell Biology, 2010, 22, 177-180.	5.4	530
31	Oxygen Tension Regulates Pancreatic Î²-Cell Differentiation Through Hypoxia-Inducible Factor 1Î±. Diabetes, 2010, 59, 662-669.	0.6	108
32	Atypical BH3-domains of BNIP3 and BNIP3L lead to autophagy in hypoxia. Autophagy, 2009, 5, 868-869.	9.1	115
33	The Cooperative Induction of Hypoxia-Inducible Factor-1Î± and STAT3 during Hypoxia Induced an Impairment of Tumor Susceptibility to CTL-Mediated Cell Lysis. Journal of Immunology, 2009, 182, 3510-3521.	0.8	175
34	Hypoxia-Induced Autophagy Is Mediated through Hypoxia-Inducible Factor Induction of BNIP3 and BNIP3L via Their BH3 Domains. Molecular and Cellular Biology, 2009, 29, 2570-2581.	2.3	1,228
35	Activation of HIFâ€1Î± in exponentially growing cells via hypoxic stimulation is independent of the Akt/mTOR pathway. Journal of Cellular Physiology, 2009, 218, 167-174.	4.1	40
36	Hypoxia-Inducible Carbonic Anhydrase IX and XII Promote Tumor Cell Growth by Counteracting Acidosis through the Regulation of the Intracellular pH. Cancer Research, 2009, 69, 358-368.	0.9	644

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37	A Dialogue between the Hypoxia-Inducible Factor and the Tumor Microenvironment. Cancer Microenvironment, 2008, 1, 53-68.	3.1	79
38	Hypoxia Down-regulates CCAAT/Enhancer Binding Protein-Î± Expression in Breast Cancer Cells. Cancer Research, 2008, 68, 2158-2165.	0.9	40
39	SUMOylation of hypoxia-inducible factor-1Î± reduces its transcriptional activity. Biochemical and Biophysical Research Communications, 2007, 360, 646-652.	2.1	99
40	Hypoxia signalling in cancer and approaches to enforce tumour regression. Nature, 2006, 441, 437-443.	27.8	1,525
41	The Oxygen Sensor Factor-Inhibiting Hypoxia-Inducible Factor-1 Controls Expression of Distinct Genes through the Bifunctional Transcriptional Character of Hypoxia-Inducible Factor-1Î±. Cancer Research, 2006, 66, 3688-3698.	0.9	263
42	Signalling via the hypoxia-inducible factor-1Î± requires multiple posttranslational modifications. Cellular Signalling, 2005, 17, 1-9.	3.6	200
43	Arrest-defective-1 Protein, an Acetyltransferase, Does Not Alter Stability of Hypoxia-inducible Factor (HIF)-1Î± and Is Not Induced by Hypoxia or HIF. Journal of Biological Chemistry, 2005, 280, 31132-31140.	3.4	93
44	HIF-1: master and commander of the hypoxic world. Biochemical Pharmacology, 2004, 68, 971-980.	4.4	134
45	Repression of alpha-fetoprotein gene expression under hypoxic conditions in human hepatoma cells: characterization of a negative hypoxia response element that mediates opposite effects of hypoxia inducible factor-1 and c-Myc. Cancer Research, 2002, 62, 1158-65.	0.9	74
46	Severe Hypoxia Specifically Downregulates Hepatocyte Nuclear Factor-4 Gene Expression in HepG2 Human Hepatoma Cells. Tumor Biology, 2001, 22, 310-317.	1.8	19
47	Detection and quantification of degradative genes in soils contaminated by toluene. FEMS Microbiology Ecology, 1996, 20, 121-133.	2.7	39