Claire Pecqueur

List of Publications by Year
in descending order

57 papers	4,073 citations	172457 29 h-index	149698 56 g-index
59 all docs	59 docs citations	59 times ranked	5362 citing authors

#	Article	IF	Citations
1	Wild-type isocitrate dehydrogenase under the spotlight in glioblastoma. Oncogene, 2022, 41, 613-621.	5.9	29
2	Impairing temozolomide resistance driven by glioma stemâ€‐like cells with adjuvant immunotherapy targeting Oâ€‐acetyl GD2 ganglioside. International Journal of Cancer, 2020, 146, 424-438.	5.1	25
3	Identification of a transient state during the acquisition of temozolomide resistance in glioblastoma. Cell Death and Disease, 2020, 11, 19.	6.3	53
4	Mitochondria transfer from tumor-activated stromal cells (TASC) to primary Glioblastoma cells. Biochemical and Biophysical Research Communications, 2020, 533, 139-147.	2.1	36
5	Glutamine uptake and utilization of human mesenchymal glioblastoma in orthotopic mouse model. Cancer & Metabolism, 2020, 8, 9.	5.0	22
6	Sphingolipid distribution at mitochondria-associated membranes (MAMs) upon induction of apoptosis. Journal of Lipid Research, 2020, 61, 1025-1037.	4.2	26
7	Secretion of Acid Sphingomyelinase and Ceramide by Endothelial Cells Contributes to Radiation-Induced Intestinal Toxicity. Cancer Research, 2020, 80, 2651-2662.	0.9	12
8	NKG2D Controls Natural Reactivity of VÎ³9VÎ´2 T Lymphocytes against Mesenchymal Glioblastoma Cells. Clinical Cancer Research, 2019, 25, 7218-7228.	7.0	28
9	UCP2 Deficiency Increases Colon Tumorigenesis by Promoting Lipid Synthesis and Depleting NADPH for Antioxidant Defenses. Cell Reports, 2019, 28, 2306-2316.e5.	6.4	32
10	Glioblastoma Stem-Like Cells, Metabolic Strategy to Kill a Challenging Target. Frontiers in Oncology, 2019, 9, 118.	2.8	98
11	Human Tolerogenic Dendritic Cells Regulate Immune Responses through Lactate Synthesis. Cell Metabolism, 2019, 30, 1075-1090.e8.	16.2	71
12	IL-21 Increases the Reactivity of Allogeneic Human VÎ³9VÎ´2 T Cells Against Primary Glioblastoma Tumors. Journal of Immunotherapy, 2018, 41, 224-231.	2.4	14
13	Parallel derivation of isogenic human primed and naive induced pluripotent stem cells. Nature Communications, 2018, 9, 360.	12.8	104
14	Stereotactic Adoptive Transfer of Cytotoxic Immune Cells in Murine Models of Orthotopic Human Glioblastoma Multiforme Xenografts. Journal of Visualized Experiments, 2018, , .	0.3	2
15	Ionizing radiation induces long-term senescence in endothelial cells through mitochondrial respiratory complex II dysfunction and superoxide generation. Free Radical Biology and Medicine, 2017, 108, 750-759.	2.9	88
16	Efficient Mitochondrial Glutamine Targeting Prevails Over Glioblastoma Metabolic Plasticity. Clinical Cancer Research, 2017, 23, 6292-6304.	7.0	69
17	Low-Dose Pesticide Mixture Induces Senescence in Normal Mesenchymal Stem Cells (MSC) and Promotes Tumorigenic Phenotype in Premalignant MSC. Stem Cells, 2017, 35, 800-811.	3.2	20
18	IL-15 Harnesses Pro-inflammatory Function of TEMRA CD8 in Kidney-Transplant Recipients. Frontiers in Immunology, 2017, 8, 778.	4.8	20

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19	Stereotaxic administrations of allogeneic human VÎ³9VÎ´2 T cells efficiently control the development of human glioblastoma brain tumors. OncoImmunology, 2016, 5, e1168554.	4.6	36
20	Seipin deficiency alters brown adipose tissue thermogenesis and insulin sensitivity in a non-cell autonomous mode. Scientific Reports, 2016, 6, 35487.	3.3	17
21	Targeting CD8 T-Cell Metabolism in Transplantation. Frontiers in Immunology, 2015, 6, 547.	4.8	26
22	UCP2 induces metabolic reprogramming to inhibit proliferation of cancer cells. Molecular and Cellular Oncology, 2015, 2, e975024.	0.7	20
23	D-2-Hydroxyglutarate does not mimic all the IDH mutation effects, in particular the reduced etoposide-triggered apoptosis mediated by an alteration in mitochondrial NADH. Cell Death and Disease, 2015, 6, e1704-e1704.	6.3	27
24	Radiation-induced PGE₂sustains human glioma cell growth and survival through EGF signaling. Oncotarget, 2015, 6, 6840-6849.	1.8	38
25	Mitochondrial Retrograde Signaling Mediated by UCP2 Inhibits Cancer Cell Proliferation and Tumorigenesis. Cancer Research, 2014, 74, 3971-3982.	0.9	73
26	Control of glioma cell death and differentiation by PKM2â€“Oct4 interaction. Cell Death and Disease, 2014, 5, e1036-e1036.	6.3	71
27	Differentiation-Related Response to DNA Breaks in Human Mesenchymal Stem Cells. Stem Cells, 2013, 31, 800-807.	3.2	54
28	Targeting Metabolism to Induce Cell Death in Cancer Cells and Cancer Stem Cells. International Journal of Cell Biology, 2013, 2013, 1-13.	2.5	57
29	Analysis of Uncoupling Protein 2-Deficient Mice upon Anaesthesia and Sedation Revealed a Role for UCP2 in Locomotion. PLoS ONE, 2012, 7, e41846.	2.5	5
30	UCP2 bioenergetics and metabolism. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 84.	1.0	0
31	UCP2, a metabolic sensor coupling glucose oxidation to mitochondrial metabolism?. IUBMB Life, 2009, 61, 762-767.	3.4	79
32	Uncoupling proteinâ€2 controls proliferation by promoting fatty acid oxidation and limiting glycolysisâ€derived pyruvate utilization. FASEB Journal, 2008, 22, 9-18.	0.5	181
33	Different effects of maternal parity, cold exposure and nutrient restriction in late pregnancy on the abundance of mitochondrial proteins in the kidney, liver and lung of postnatal sheep. Reproduction, 2007, 133, 1241-1252.	2.6	9
34	Expression of UCP3 in CHO cells does not cause uncoupling, but controls mitochondrial activity in the presence of glucose. Biochemical Journal, 2006, 393, 431-439.	3.7	48
35	Differential effects of leptin administration on the abundance of UCP2 and glucocorticoid action during neonatal development. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E1093-E1100.	3.5	12
36	A New Renal Mitochondrial Carrier, KMCP1, Is Up-regulated during Tubular Cell Regeneration and Induction of Antioxidant Enzymes. Journal of Biological Chemistry, 2005, 280, 22036-22043.	3.4	32

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37	Tissue-specific effects of leptin administration on the abundance of mitochondrial proteins during neonatal development. Journal of Endocrinology, 2005, 187, 81-88.	2.6	5
38	Influence of genotype on the differential ontogeny of uncoupling protein 2 and 3 in subcutaneous adipose tissue and muscle in neonatal pigs. Journal of Endocrinology, 2004, 183, 121-131.	2.6	21
39	Bone Marrow Transplantation Reveals the in Vivo Expression of the Mitochondrial Uncoupling Protein 2 in Immune and Nonimmune Cells during Inflammation. Journal of Biological Chemistry, 2003, 278, 42307-42312.	3.4	56
40	Ontogeny and nutritional manipulation of mitochondrial protein abundance in adipose tissue and the lungs of postnatal sheep. British Journal of Nutrition, 2003, 90, 323-328.	2.3	38
41	Prolactin, prolactin receptor and uncoupling proteins during fetal and neonatal development. Proceedings of the Nutrition Society, 2003, 62, 421-427.	1.0	21
42	A new polymorphic site located in the human UCP1 gene controls the in vitro binding of CREB-like factor. International Journal of Obesity, 2002, 26, 735-738.	3.4	8
43	The Uncoupling Proteins Family: From Thermogenesis to the Regulation of ROS. Cell and Molecular Response To Stress, 2002, , 257-268.	0.4	2
44	Homologues of the uncoupling protein from brown adipose tissue (UCP1): UCP2, UCP3, BMCP1 and UCP4. Biochimica Et Biophysica Acta - Bioenergetics, 2001, 1504, 107-119.	1.0	100
45	Genetic and physiological analysis of the role of uncoupling proteins in human energy homeostasis. Journal of Molecular Medicine, 2001, 79, 48-56.	3.9	77
46	Uncoupling Protein 2, in Vivo Distribution, Induction upon Oxidative Stress, and Evidence for Translational Regulation. Journal of Biological Chemistry, 2001, 276, 8705-8712.	3.4	415
47	Disruption of the uncoupling protein-2 gene in mice reveals a role in immunity and reactive oxygen species production. Nature Genetics, 2000, 26, 435-439.	21.4	992
48	Transcriptional Activation of the Human ucp1 Gene in a Rodent Cell Line. Journal of Biological Chemistry, 2000, 275, 31722-31732.	3.4	52
49	Contributions of studies on uncoupling proteins to research on metabolic diseases. Journal of Internal Medicine, 1999, 245, 637-642.	6.0	20
50	An uncoupling protein 2 gene variant is associated with a raised body mass index but not Type II diabetes. Diabetologia, 1999, 42, 688-692.	6.3	106
51	Functional Organization of the Human Uncoupling Protein-2 Gene, and Juxtaposition to the Uncoupling Protein-3 Gene. Biochemical and Biophysical Research Communications, 1999, 255, 40-46.	2.1	55
52	Expression and purification of the mitochondrial uncoupling proteins: a comparative study between <i>Escherichia coli</i> and <i>Saccharomyces cerevisiae</i>. Biochemical Society Transactions, 1999, 27, 888-893.	3.4	1
53	Association between uncoupling protein polymorphisms (UCP2-UCP3) and energy metabolism/obesity in Pima indians. Human Molecular Genetics, 1998, 7, 1431-1435.	2.9	261
54	Mutation screening of the human UCP 2 gene in normoglycemic and NIDDM morbidly obese patients: lack of association between new UCP 2 polymorphisms and obesity in French Caucasians. Diabetes, 1998, 47, 840-842.	0.6	69

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55	Kupffer Cells Are a Dominant Site of Uncoupling Protein 2 Expression in Rat Liver. Biochemical and Biophysical Research Communications, 1997, 235, 760-764.	2.1	134
56	In vivo resistance of lipolysis to epinephrine. A new feature of childhood onset obesity.. Journal of Clinical Investigation, 1997, 99, 2568-2573.	8.2	105
57	Organisation and Promoter Activity of the Retinoic-acid-induced-heparin-binding (RIHB) Gene. FEBS Journal, 1994, 224, 931-941.	0.2	1