

Nadege Bellance

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6639378/publications.pdf>

Version: 2024-02-01

25
papers

2,155
citations

361413

20
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

4495
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial bioenergetics and structural network organization. <i>Journal of Cell Science</i> , 2007, 120, 838-848.	2.0	542
2	Choosing between glycolysis and oxidative phosphorylation: A tumor's dilemma?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 552-561.	1.0	407
3	Waves of gene regulation suppress and then restore oxidative phosphorylation in cancer cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 950-968.	2.8	186
4	Mitochondrial bioenergetic adaptations of breast cancer cells to aglycemia and hypoxia. <i>Journal of Bioenergetics and Biomembranes</i> , 2010, 42, 55-67.	2.3	104
5	A switch in the source of ATP production and a loss in capacity to perform glycolysis are hallmarks of hepatocyte failure in advance liver disease. <i>Journal of Hepatology</i> , 2014, 60, 1203-1211.	3.7	99
6	Pyruvate uptake is increased in highly invasive ovarian cancer cells under anoikis conditions for anaplerosis, mitochondrial function, and migration. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E1036-E1052.	3.5	83
7	High glucose repatterns human podocyte energy metabolism during differentiation and diabetic nephropathy. <i>FASEB Journal</i> , 2017, 31, 294-307.	0.5	72
8	Mitochondria: from bioenergetics to the metabolic regulation of carcinogenesis. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 4015.	3.0	70
9	XPC silencing in normal human keratinocytes triggers metabolic alterations that drive the formation of squamous cell carcinomas. <i>Journal of Clinical Investigation</i> , 2011, 121, 195-211.	8.2	70
10	AICAR inhibits cancer cell growth and triggers cell-type distinct effects on OXPHOS biogenesis, oxidative stress and Akt activation. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 707-718.	1.0	63
11	New practical definitions for the diagnosis of autosomal recessive spastic ataxia of Charlevoix-Saguenay. <i>Annals of Neurology</i> , 2015, 78, 871-886.	5.3	62
12	Metabolomics for mitochondrial and cancer studies. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 650-663.	1.0	60
13	<i>C. elegans</i> ATAD-3 Is Essential for Mitochondrial Activity and Development. <i>PLoS ONE</i> , 2009, 4, e7644.	2.5	53
14	Î±-adrenergic relaxation in pulmonary arteries: preservation of the endothelial nitric oxide-dependent Î²2 component in pulmonary hypertension. <i>Cardiovascular Research</i> , 2007, 77, 202-210.	3.8	48
15	Erythropoietin Protects against Local Anesthetic Myotoxicity during Continuous Regional Analgesia. <i>Anesthesiology</i> , 2009, 110, 648-659.	2.5	36
16	Oncosecretomics coupled to bioenergetics identifies Î±-amino adipic acid, isoleucine and GABA as potential biomarkers of cancer: Differential expression of c-Myc, Oct1 and KLF4 coordinates metabolic changes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 2060-2071.	1.0	34
17	Disruption of the histidine triad nucleotide-binding <i>hint2</i> gene in mice affects glycemic control and mitochondrial function. <i>Hepatology</i> , 2013, 57, 2037-2048.	7.3	31
18	Dehydroepiandrosterone reverses chronic hypoxia/reoxygenation-induced right ventricular dysfunction in rats. <i>European Respiratory Journal</i> , 2012, 40, 1420-1429.	6.7	26

#	ARTICLE	IF	CITATIONS
19	Mitochondrial morphology and cellular distribution are altered in SPG31 patients and are linked to DRP1 hyperphosphorylation. <i>Human Molecular Genetics</i> , 2016, 26, dww425.	2.9	26
20	Antiproliferative activity of levobupivacaine and aminoimidazole carboxamide ribonucleotide on human cancer cells of variable bioenergetic profile. <i>Mitochondrion</i> , 2012, 12, 100-109.	3.4	24
21	Feeding mice with diets containing mercury-contaminated fish flesh from French Guiana: a model for the mercurial intoxication of the Wayana Amerindians. <i>Environmental Health</i> , 2008, 7, 53.	4.0	19
22	Adaptative Capacity of Mitochondrial Biogenesis and of Mitochondrial Dynamics in Response to Pathogenic Respiratory Chain Dysfunction. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 350-365.	5.4	17
23	Doxorubicin Inhibits Phosphatidylserine Decarboxylase and Modifies Mitochondrial Membrane Composition in HeLa Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1317.	4.1	16
24	Relationships Between Mitochondrial Dynamics and Bioenergetics. , 2011, , 47-68.		7
25	Relevance of Mitochondrial Functions and Plasticity in Tumor Biology. , 2014, , 291-325.		0