

# Chantal Bmeur

## List of Publications by Citations

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32  
papers

1,065  
citations

18  
h-index

32  
g-index

34  
ext. papers

1,207  
ext. citations

4.1  
avg. IF

4.14  
L-index

#	Paper	IF	Citations
32	The nutritional management of hepatic encephalopathy in patients with cirrhosis: International Society for Hepatic Encephalopathy and Nitrogen Metabolism Consensus. <i>Hepatology</i> , <b>2013</b> , 58, 325-36	11.2	239
31	IL-1 or TNF receptor gene deletion delays onset of encephalopathy and attenuates brain edema in experimental acute liver failure. <i>Neurochemistry International</i> , <b>2010</b> , 56, 213-5	4.4	81
30	A Metabolic Signature of Mitochondrial Dysfunction Revealed through a Monogenic Form of Leigh Syndrome. <i>Cell Reports</i> , <b>2015</b> , 13, 981-9	10.6	80
29	Increased oxidative stress during hyperglycemic cerebral ischemia. <i>Neurochemistry International</i> , <b>2007</b> , 50, 890-904	4.4	62
28	N-acetylcysteine attenuates cerebral complications of non-acetaminophen-induced acute liver failure in mice: antioxidant and anti-inflammatory mechanisms. <i>Metabolic Brain Disease</i> , <b>2010</b> , 25, 241-9	3.9	58
27	Nutrition in the management of cirrhosis and its neurological complications. <i>Journal of Clinical and Experimental Hepatology</i> , <b>2014</b> , 4, 141-50	4.1	53
26	Liver-brain proinflammatory signalling in acute liver failure: role in the pathogenesis of hepatic encephalopathy and brain edema. <i>Metabolic Brain Disease</i> , <b>2013</b> , 28, 145-50	3.9	49
25	Role of nutrition in the management of hepatic encephalopathy in end-stage liver failure. <i>Journal of Nutrition and Metabolism</i> , <b>2010</b> , 2010, 489823	2.7	49
24	Immunohistochemical detection of inducible nitric oxide synthase, nitrotyrosine and manganese superoxide dismutase following hyperglycemic focal cerebral ischemia. <i>Brain Research</i> , <b>2001</b> , 918, 10-9	3.7	48
23	Dehydroascorbic acid normalizes several markers of oxidative stress and inflammation in acute hyperglycemic focal cerebral ischemia in the rat. <i>Neurochemistry International</i> , <b>2005</b> , 46, 399-407	4.4	45
22	Hydroxyl Radical Production in the Cortex and Striatum in a Rat Model of Focal Cerebral Ischemia. <i>Canadian Journal of Neurological Sciences</i> , <b>2000</b> , 27, 152-159	1	39
21	Evidence for oxidative/nitrosative stress in the pathogenesis of hepatic encephalopathy. <i>Metabolic Brain Disease</i> , <b>2010</b> , 25, 3-9	3.9	37
20	Decreased beta-actin mRNA expression in hyperglycemic focal cerebral ischemia in the rat. <i>Neuroscience Letters</i> , <b>2004</b> , 357, 211-4	3.3	27
19	The bile duct ligated rat: A relevant model to study muscle mass loss in cirrhosis. <i>Metabolic Brain Disease</i> , <b>2017</b> , 32, 513-518	3.9	22
18	Antioxidant and anti-inflammatory effects of mild hypothermia in the attenuation of liver injury due to azoxymethane toxicity in the mouse. <i>Metabolic Brain Disease</i> , <b>2010</b> , 25, 23-9	3.9	22
17	Expression of superoxide dismutase in hyperglycemic focal cerebral ischemia in the rat. <i>Neurochemistry International</i> , <b>2004</b> , 45, 1167-74	4.4	21
16	Comparison of two rat models of cerebral ischemia under hyperglycemic conditions. <i>Microsurgery</i> , <b>2007</b> , 27, 258-62	2.1	20

15	Mitochondrial vulnerability and increased susceptibility to nutrient-induced cytotoxicity in fibroblasts from leigh syndrome French canadian patients. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120767	3.7	19
14	Brain edema: a valid endpoint for measuring hepatic encephalopathy?. <i>Metabolic Brain Disease</i> , <b>2016</b> , 31, 1249-1258	3.9	17
13	Local striatal infusion of MPP+ does not result in increased hydroxylation after systemic administration of 4-hydroxybenzoate. <i>Free Radical Biology and Medicine</i> , <b>1999</b> , 27, 997-1007	7.8	16
12	Nutritional status of HIV-infected patients during the first year HAART in two West African cohorts. <i>Journal of Health, Population and Nutrition</i> , <b>2015</b> , 34, 1	2.5	12
11	Reprint of: Nutrition in the Management of Cirrhosis and its Neurological Complications. <i>Journal of Clinical and Experimental Hepatology</i> , <b>2015</b> , 5, S131-40	4.1	11
10	No changes in expression of tight junction proteins or bloodBrain barrier permeability in azoxymethane-induced experimental acute liver failure. <i>Neurochemistry International</i> , <b>2010</b> , 56, 205-207	4.4	10
9	Neurological complications post-liver transplantation: impact of nutritional status. <i>Metabolic Brain Disease</i> , <b>2013</b> , 28, 293-300	3.9	8
8	Role of Exercise in the Management of Hepatic Encephalopathy: Experience From Animal and Human Studies. <i>Journal of Clinical and Experimental Hepatology</i> , <b>2019</b> , 9, 131-136	4.1	4
7	Progressive resistance training prevents loss of muscle mass and strength in bile duct-ligated rats. <i>Liver International</i> , <b>2019</b> , 39, 676-683	7.9	4
6	Bile-duct ligation renders the brain susceptible to hypotension-induced neuronal degeneration: Implications of ammonia. <i>Journal of Neurochemistry</i> , <b>2021</b> , 157, 561-573	6	3
5	Amino acids, ammonia, and hepatic encephalopathy.. <i>Analytical Biochemistry</i> , <b>2022</b> , 114696	3.1	2
4	Oxidative Stress in the Central Nervous System Complications of Chronic Liver Failure. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , <b>2015</b> , 357-370		1
3	Vitamins Deficiencies and Brain Function. <i>Advances in Neurobiology</i> , <b>2011</b> , 103-124	2.1	1
2	Hepatic Encephalopathy, Sarcopenia, and Frailty <b>2020</b> , 247-263		0
1	La diète cognitive : brique pour la stéatose hépatique non alcoolique?. <i>Nutrition Science En Evolution La Revue De L'Ordre Professionnel Des Diétistes Du Québec</i> , <b>2020</b> , 18, 22	0	