Oscar A Bizzozero

List of Publications by Year in Descending Order

46 papers	1,232 citations	23 h-index	33 g-index
46 ext. papers	1,333 ext. citations	4.9 avg, IF	4.36 L-index

#	Paper	IF	Citations
46	Proteasome Composition in Cytokine-Treated Neurons and Astrocytes is Determined Mainly by Subunit Displacement. *Neurochemical Research*, **2020**, 45, 860-871	4.6	2
45	Decreased levels of constitutive proteasomes in experimental autoimmune encephalomyelitis may be caused by a combination of subunit displacement and reduced Nfe2l1 expression. *Journal of Neurochemistry*, **2020**, 152, 585-601	6	1
44	Reduced expression of the ferroptosis inhibitor glutathione peroxidase-4 in multiple sclerosis and experimental autoimmune encephalomyelitis. *Journal of Neurochemistry*, **2019**, 148, 426-439	6	41
43	Mechanism of Protein Carbonylation in Glutathione-Depleted Rat Brain Slices. *Neurochemical Research*, **2018**, 43, 609-618	4.6	3
42	The Role of Calpain and Proteasomes in the Degradation of Carbonylated Neuronal Cytoskeletal Proteins in Acute Experimental Autoimmune Encephalomyelitis. *Neurochemical Research*, **2018**, 43, 2277-2287	4.6	2
41	Nrf2-dysregulation correlates with reduced synthesis and low glutathione levels in experimental autoimmune encephalomyelitis. *Journal of Neurochemistry*, **2016**, 139, 640-650	6	33
40	Increased carbonylation, protein aggregation and apoptosis in the spinal cord of mice with experimental autoimmune encephalomyelitis. *ASN Neuro*, **2013**, 5, e00111	5.3	43
39	Changes in 20S subunit composition are largely responsible for altered proteasomal activities in experimental autoimmune encephalomyelitis. *Journal of Neurochemistry*, **2012**, 121, 486-94	6	19
38	Protein carbonylation and aggregation precede neuronal apoptosis induced by partial glutathione depletion. *ASN Neuro*, **2012**, 4,	5.3	33
37	Decreased activity of the 20S proteasome in the brain white matter and gray matter of patients with multiple sclerosis. *Journal of Neurochemistry*, **2011**, 117, 143-53	6	25
36	Reduced proteasomal activity contributes to the accumulation of carbonylated proteins in chronic experimental autoimmune encephalomyelitis. *Journal of Neurochemistry*, **2010**, 115, 1556-67	6	17
35	Traditional reactive carbonyl scavengers do not prevent the carbonylation of brain proteins induced by acute glutathione depletion. *Free Radical Research*, **2010**, 44, 258-66	4	26
34	Accumulation of protein carbonyls within cerebellar astrocytes in murine experimental autoimmune encephalomyelitis. *Journal of Neuroscience Research*, **2010**, 88, 3376-85	4.4	47
33	Intracellular glutathione mediates the denitrosylation of protein nitrosothiols in the rat spinal cord. *Journal of Neuroscience Research*, **2009**, 87, 701-9	4.4	49
32	Identification of major S-nitrosylated proteins in murine experimental autoimmune encephalomyelitis. *Journal of Neuroscience Research*, **2009**, 87, 2881-9	4.4	18
31	Cytoskeletal protein carbonylation and degradation in experimental autoimmune encephalomyelitis. *Journal of Neurochemistry*, **2008**, 105, 763-72	6	49
30	Lipid peroxidation scavengers prevent the carbonylation of cytoskeletal brain proteins induced by glutathione depletion. *Neurochemical Research*, **2007**, 32, 2114-22	4.6	28

29	Acute depletion of reduced glutathione causes extensive carbonylation of rat brain proteins. *Journal of Neuroscience Research*, **2006**, 83, 656-67	4.4	56
28	Extracellular S-nitrosoglutathione, but not S-nitrosocysteine or N(2)O(3), mediates protein S-nitrosation in rat spinal cord slices. *Journal of Neurochemistry*, **2006**, 99, 1299-310	6	14
27	Elevated protein carbonylation in the brain white matter and gray matter of patients with multiple sclerosis. *Journal of Neuroscience Research*, **2005**, 81, 687-95	4.4	96
26	Evidence of nitrosative damage in the brain white matter of patients with multiple sclerosis. *Neurochemical Research*, **2005**, 30, 139-49	4.6	35
25	Exposure of rat optic nerves to nitric oxide causes protein S-nitrosation and myelin decompaction. *Neurochemical Research*, **2004**, 29, 1675-85	4.6	22
24	Mass-spectrometric analysis of myelin proteolipids reveals new features of this family of palmitoylated membrane proteins. *Journal of Neurochemistry*, **2002**, 81, 636-45	6	18
23	Effect of 2-fluoropalmitate, cerulenin and tunicamycin on the palmitoylation and intracellular translocation of myelin proteolipid protein. *Neurochemical Research*, **2002**, 27, 1669-75	4.6	17
22	Myelin proteolipid protein-induced aggregation of lipid vesicles: efficacy of the various molecular species. *Neurochemical Research*, **2002**, 27, 1269-77	4.6	5
21	Chemical deacylation reduces the adhesive properties of proteolipid protein and leads to decompaction of the myelin sheath. *Journal of Neurochemistry*, **2001**, 76, 1129-41	6	33
20	Nitric oxide reduces the palmitoylation of rat myelin proteolipid protein by an indirect mechanism. *Neurochemical Research*, **2001**, 26, 1127-37	4.6	8
19	Structural determinants influencing the reaction of cysteine-containing peptides with palmitoyl-coenzyme A and other thioesters. *BBA - Proteins and Proteomics*, **2001**, 1545, 278-88		41
18	Conserved fatty acid composition of proteolipid protein during brain development and in myelin subfractions. *Neurochemical Research*, **2000**, 25, 449-55	4.6	11
17	Effect of ATP depletion on the palmitoylation of myelin proteolipid protein in young and adult rats. *Journal of Neurochemistry*, **1999**, 72, 2610-6	6	19
16	Fatty acid composition of myelin proteolipid protein during vertebrate evolution. *Neurochemical Research*, **1999**, 24, 269-74	4.6	10
15	Veratridine-induced depolarization reduces the palmitoylation of brain and myelin glycerolipids. *Journal of Neurochemistry*, **1998**, 70, 1448-57	6	7
14	Palmitoylation of proteolipid protein from rat brain myelin using endogenously generated 18O-fatty acids. *Journal of Biological Chemistry*, **1998**, 273, 279-85	5.4	14
13	Myelin P0 glycoprotein and a synthetic peptide containing the palmitoylation site are both autoacylated. *Journal of Neurochemistry*, **1995**, 65, 1805-15	6	37
12	Chemical analysis of acylation sites and species. *Methods in Enzymology*, **1995**, 250, 361-79	1.7	44

11	Identification of the palmitoylation site in rat myelin P0 glycoprotein. *Journal of Neurochemistry*, **1994**, 62, 1163-71	6	33
10	Overview: protein palmitoylation in the nervous system: current views and unsolved problems. *Neurochemical Research*, **1994**, 19, 923-33	4.6	35
9	Fatty acid composition of human myelin proteolipid protein in peroxisomal disorders. *Journal of Neurochemistry*, **1991**, 56, 872-8	6	52
8	Presence of the plasma membrane proteolipid (plasmolipin) in myelin. *Journal of Neurochemistry*, **1990**, 55, 602-10	6	30
7	Myelin proteolipid protein contains thioester-linked fatty acids. *Journal of Neurochemistry*, **1990**, 55, 1986-92	6	18
6	Cysteine-108 is an acylation site in myelin proteolipid protein. *Biochemical and Biophysical Research Communications*, **1990**, 170, 375-82	3.4	21
5	Separation of the major proteins of central and peripheral nervous system myelin using reversed-phase high-performance liquid chromatography. *Analytical Biochemistry*, **1989**, 180, 59-65	3.1	16
4	Protein fatty acid acylation in developing cortical neurons. *Journal of Neurochemistry*, **1989**, 52, 1149-55	6	16
3	Acylation of rat brain myelin proteolipid protein with different fatty acids. *Journal of Neurochemistry*, **1986**, 47, 772-8	6	23
2	Fatty acid acylation of rat brain myelin proteolipid protein in vitro: identification of the lipid donor. *Journal of Neurochemistry*, **1986**, 46, 630-6	6	40
1	Spectroscopic analysis of acylated and deacylated myelin proteolipid protein. *Biochemistry*, **1986**, 25, 6762-8	3.2	25