Joyce A Benjamins

List of Publications by Year
in descending order

42 papers	998 citations	18 h-index (430874)	29 g-index (477307)
42 all docs	42 docs citations	42 times ranked	897 citing authors

#	Article	IF	Citations
1	METABOLIC RELATIONSHIPS BETWEEN MYELIN SUBFRACTIONS: ENTRY OF GALACTOLIPIDS AND PHOSPHOLIPIDS. Journal of Neurochemistry, 1976, 27, 565-570.	3.9	91
2	B cells from patients with multiple sclerosis induce cell death via apoptosis in neurons in vitro. Journal of Neuroimmunology, 2017, 309, 88-99.	2.3	85
3	TNF-? and TGF-? act synergistically to kill Schwann cells. , 1998, 53, 747-756.		73
4	Cerebroside Sulfotransferase in Golgi-Enriched Fractions from Rat Brain. Journal of Neurochemistry, 1982, 38, 233-241.	3.9	60
5	Effects of Monensin on Posttranslational Processing of Myelin Proteins. Journal of Neurochemistry, 1983, 40, 1333-1339.	3.9	55
6	Aspartoacylase is a regulated nuclearâ€cytoplasmic enzyme. FASEB Journal, 2006, 20, 2139-2141.	0.5	44
7	Effects of Monensin and Colchicine on Myelin Galactolipids. Journal of Neurochemistry, 1984, 43, 139-145.	3.9	37
8	Maintenance of membrane sheets by cultured oligodendrocytes requires continuous microtubule turnover and Golgi transport. Neurochemical Research, 1994, 19, 631-639.	3.3	32
9	Nitric Oxide Synthase Expression and Nitric Oxide Toxicity in Oligodendrocytes. Antioxidants and Redox Signaling, 2006, 8, 967-980.	5.4	32
10	Role of calcium in nitric oxide-induced cytotoxicity: EGTA protects mouse oligodendrocytes. Journal of Neuroscience Research, 2001, 63, 124-135.	2.9	30
11	Release of intracellular calcium stores leads to retraction of membrane sheets and cell death in mature mouse oligodendrocytes. Neurochemical Research, 1996, 21, 471-479.	3.3	29
12	Kinetics of Entry of P0Protein into Peripheral Nerve Myelin. Journal of Neurochemistry, 1981, 37, 164-171.	3.9	26
13	Exosome-enriched fractions from MS B cells induce oligodendrocyte death. Neurology: Neuroimmunology and NeuroInflammation, 2019, 6, e550.	6.0	26
14	Protection of mature oligodendrocytes by inhibitors of caspases and calpains. Neurochemical Research, 2003, 28, 143-152.	3.3	25
15	ACTH protects mature oligodendroglia from excitotoxic and inflammation-related damage<i>in vitro</i>. Glia, 2013, 61, 1206-1217.	4.9	25
16	KINETICS OF ENTRY OF GALACTOLIPIDS AND PHOSPHOLIPIDS INTO MYELIN. Journal of Neurochemistry, 1979, 32, 921-926.	3.9	23
17	Melanocortins, Melanocortin Receptors and Multiple Sclerosis. Brain Sciences, 2017, 7, 104.	2.3	21
18	Adrenocorticotropin hormone 1â€39 promotes proliferation and differentiation of oligodendroglial progenitor cells and protects from excitotoxic and inflammationâ€related damage. Journal of Neuroscience Research, 2014, 92, 1243-1251.	2.9	20

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19	Effects of dextromethorphan on glial cell function: Proliferation, maturation, and protection from cytotoxic molecules. Glia, 2014, 62, 751-762.	4.9	20
20	Biochemical Expression of Mosaicism in Female Mice Heterozygous for the Jimpy Gene. Journal of Neurochemistry, 1984, 42, 487-492.	3.9	18
21	Binding of cholera toxin B subunit: A surface marker for murine microglia but not oligodendrocytes or astrocytes. , 1998, 53, 605-612.		18
22	Interferon-?, tumor necrosis factor-?, and transforming growth factor-? inhibit cyclic AMP-induced Schwann cell differentiation. Glia, 2001, 36, 354-363.	4.9	17
23	Effects of cyclic AMP on expression of myelin genes in the N20.1 oligodendroglial cell line. Neurochemical Research, 1998, 23, 435-441.	3.3	16
24	Effects of Monensin on Assembly of PoProtein into Peripheral Nerve Myelin. Journal of Neurochemistry, 1982, 39, 1101-1110.	3.9	15
25	Increased intracellular calcium alters myelin gene expression in the N20.1 oligodendroglial cell line. Journal of Neuroscience Research, 1999, 57, 633-642.	2.9	15
26	Cyclic AMP differentiation of the oligodendroglial cell line N20.1 switches staurosporine-induced cell death from necrosis to apoptosis. Journal of Neuroscience Research, 2001, 66, 691-697.	2.9	14
27	Cyclic GMP-Dependent Pathways Protect Differentiated Oligodendrocytes from Multiple Types of Injury. Neurochemical Research, 2007, 32, 321-329.	3.3	14
28	Cytokines Reduce Toxic Effects of Ethanol on Oligodendroglia. Neurochemical Research, 2011, 36, 1677-1686.	3.3	14
29	Melanocortin receptor agonist ACTH 1â€“39 protects rat forebrain neurons from apoptotic, excitotoxic and inflammation-related damage. Experimental Neurology, 2015, 273, 161-167.	4.1	14
30	Sigma-1 receptor agonists as potential protective therapies in multiple sclerosis. Journal of Neuroimmunology, 2020, 342, 577188.	2.3	14
31	Recovery of Proteolipid Protein in Mice Heterozygous for the Jimpy Gene. Journal of Neurochemistry, 1989, 53, 279-286.	3.9	11
32	Epigenetic factors up-regulate expression of myelin proteins in the dysmyelinating jimpy mutant mouse. , 1996, 29, 138-150.		11
33	Melanocortin receptor subtypes are expressed on cells in the oligodendroglial lineage and signal ACTH protection. Journal of Neuroscience Research, 2018, 96, 427-435.	2.9	11
34	Direct effects of secretory products of immune cells on neurons and glia. Journal of the Neurological Sciences, 2013, 333, 30-36.	0.6	9
35	Entry of Newly Synthesized Gangliosides into Myelin. Journal of Neurochemistry, 1992, 58, 1477-1484.	3.9	8
36	Cytokines decrease expression of interleukinâ€6 signal transducer and leptin receptor in central nervous system glia. Journal of Neuroscience Research, 2009, 87, 3098-3106.	2.9	6

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37	Schwann cell differentiation inhibits interferon-gamma induction of expression of major histocompatibility complex class II and intercellular adhesion molecule-1. Journal of Neuroimmunology, 2016, 295-296, 93-99.	2.3	6
38	The melanocortin ACTH 1-39 promotes protection of oligodendrocytes by astroglia. Journal of the Neurological Sciences, 2016, 362, 21-26.	0.6	6
39	Regulation of CNS glial phenotypes in N20.1 cells. Journal of Neuroscience Research, 2003, 73, 31-41.	2.9	3
40	Expression of P0 glycoprotein in CNS glia: Effects of overexpression in N20.1 cells. Glia, 2005, 52, 234-244.	4.9	3
41	TNFâ€Î± and TGFâ€Î² act synergistically to kill Schwann cells. Journal of Neuroscience Research, 1998, 53, 747-756.	2.9	1
42	Marion Edmonds Smith (1926â€"2017). Journal of Neurochemistry, 2019, 148, 164-167.	3.9	0