Jean de Vellis

List of Publications by Year
in descending order

36 papers	1,296 citations	331670 21 h-index	454955 30 g-index
36 all docs	36 docs citations	36 times ranked	1642 citing authors

#	Article	IF	Citations
1	Intellectual and developmental disabilities research centers: Fifty years of scientific accomplishments. Annals of Neurology, 2019, 86, 332-343.	5.3	5
2	Spatiotemporally different origins of NG2 progenitors produce cortical interneurons versus glia in the mammalian forebrain. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7444-7449.	7.1	28
3	White Matter Loss in a Mouse Model of Periventricular Leukomalacia Is Rescued by Trophic Factors. Brain Sciences, 2013, 3, 1461-1482.	2.3	10
4	Preparation of Mixed Glial Cultures from Postnatal Rat Brain. Methods in Molecular Biology, 2012, 814, 49-59.	0.9	34
5	Lack of aspartoacylase activity disrupts survival and differentiation of neural progenitors and oligodendrocytes in a mouse model of Canavan disease. Journal of Neuroscience Research, 2009, 87, 3415-3427.	2.9	31
6	Activation of Inflammatory Response by a Combination of Growth Factors in Cuprizone-Induced Demyelinated Brain Leads to Myelin Repair. Neurochemical Research, 2008, 33, 2615-2628.	3.3	63
7	Exercise decreases myelin-associated glycoprotein expression in the spinal cord and positively modulates neuronal growth. Glia, 2007, 55, 966-975.	4.9	55
8	Combination of Growth Factors Enhances Remyelination in a Cuprizone-induced Demyelination Mouse Model. Neurochemical Research, 2007, 32, 783-797.	3.3	50
9	Genetic Program of Neuronal Differentiation and Growth Induced by Specific Activation of NMDA Receptors. Neurochemical Research, 2007, 32, 363-376.	3.3	18
10	Canavan disease: A white matter disorder. Mental Retardation and Developmental Disabilities Research Reviews, 2006, 12, 157-165.	3.6	70
11	Tumor necrosis factor modulates transcription of myelin basic protein gene through nuclear factor kappa B in a human oligodendroglioma cell line. International Journal of Developmental Neuroscience, 2002, 20, 289-296.	1.6	43
12	Expression of the p75 TNF receptor is linked to TNF-induced NFkappaB translocation and oxyradical neutralization in glial cells. Neurochemical Research, 2002, 27, 1535-1542.	3.3	46
13	Upregulation of the HLH Id gene family in neural progenitors and glial cells of the rat spinal cord following contusion injury. Journal of Neuroscience Research, 2001, 66, 1161-1172.	2.9	25
14	Upregulation of the HLH Id gene family in neural progenitors and glial cells of the rat spinal cord following contusion injury. Journal of Neuroscience Research, 2001, 66, 1161.	2.9	2
15	Oligodendrocytes as glucocorticoids target cells: functional analysis of the glycerol phosphate dehydrogenase gene. , 2000, 59, 436-445.		38
16	Alternative splicing prevents transferrin secretion during differentiation of a human oligodendrocyte cell line. Journal of Neuroscience Research, 2000, 61, 388-395.	2.9	74
17	Tumor necrosis factor-? regulation of the Id gene family in astrocytes and microglia during CNS inflammatory injury. , 1999, 26, 139-152.		53
18	Signal transduction pathways induced by GM-CSF in microglia: Significance in the control of proliferation. , 1999, 26, 344-352.		83

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19	NT-3-mediated TrkC receptor activation promotes proliferation and cell survival of rodent progenitor oligodendrocyte cells in vitro and in vivo. , 1998, 54, 754-765.		103
20	Strategies for the therapeutic manipulation of cytokines and their receptors in inflammatory neurodegenerative diseases. Mental Retardation and Developmental Disabilities Research Reviews, 1998, 4, 200-211.	3.6	3
21	Id1, Id2, and Id3 gene expression in neural cells during development. , 1998, 24, 372-381.		67
22	Transferrin is an early marker of hepatic differentiation, and its expression correlates with the postnatal development of oligodendrocytes in mice. , 1997, 50, 421-432.		21
23	Gene expression in astrocytes is affected by subculture. International Journal of Developmental Neuroscience, 1994, 12, 363-372.	1.6	26
24	Ontogeny of glycerol phosphate dehydrogenasepositive oligodendrocytes in rat brain. Impaired differentiation of oligodendrocytes in the myelin deficient mutant rat. International Journal of Developmental Neuroscience, 1992, 10, 243-253.	1.6	11
25	Serum contains inducers and repressors of oligodendrocyte differentiation. Journal of Neuroscience Research, 1988, 20, 182-188.	2.9	22
26	Myelin basic protein and transferrin characterize different subpopulations of oligodendrocytes in rat primary glial cultures. Journal of Neuroscience Research, 1988, 21, 181-187.	2.9	38
27	Induction of Glutamine Synthetase in Rat Astrocytes by Co-Cultivation with Embryonic Chick Neurons. Journal of Neurochemistry, 1988, 50, 929-935.	3.9	44
28	Stability of neuronal and glial marker enzymes in post-mortem rat brain. Neurochemical Research, 1986, 11, 383-392.	3.3	14
29	Modulation of beta-adrenergic response in rat brain astrocytes by serum and hormones. Journal of Cellular Physiology, 1985, 122, 73-80.	4.1	25
30	Recent Studies of the Glial Fibrillary Acidic Protein. Annals of the New York Academy of Sciences, 1985, 455, 525-537.	3.8	30
31	Regulation of mRNAs for Three Enzymes in the Glial Cell Model C6 Cell Line. Journal of Neurochemistry, 1984, 43, 1455-1463.	3.9	59
32	Neuroblastoma membranes inhibit isoproterenol-stimulated rise of cAMP in glioma cells. Journal of Cellular Physiology, 1984, 118, 241-246.	4.1	2
33	Developmental expression of rat brain mitogens for cultured astrocytes. Journal of Neuroscience Research, 1982, 8, 435-442.	2.9	23
34	Paradoxical effects of sodium butyrate on the glucocorticoid inductions of glutamine synthetase and glycerol phosphate dehydrogenase in C6 cells. FEBS Letters, 1981, 126, 289-291.	2.8	18
35	Reversible inhibition of the hydrocortisone induction of glycerol phosphate dehydrogenase by cytochalasin B in rat glial C6 cells. Journal of Cellular Physiology, 1977, 93, 247-260.	4.1	21
36	Cortisol induction of glycerol phosphate dehydrogenase in a rat brain tumour cell line. Nature, 1974, 250, 422-424.	27.8	41