

Marta Barrachina

List of Publications by Year in descending order

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35
papers

2,197
citations

257450

24
h-index

395702

33
g-index

36
all docs

36
docs citations

36
times ranked

5656
citing authors

#	ARTICLE	IF	CITATIONS
1	Dopamine induces autophagic cell death and α -synuclein increase in human neuroblastoma SH-SY5Y cells. <i>Journal of Neuroscience Research</i> , 2003, 73, 341-350.	2.9	172
2	DNA Methylation of Alzheimer Disease and Tauopathy-Related Genes in Postmortem Brain. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009, 68, 880-891.	1.7	162
3	Constitutive Dyrk1A is abnormally expressed in Alzheimer disease, Down syndrome, Pick disease, and related transgenic models. <i>Neurobiology of Disease</i> , 2005, 20, 392-400.	4.4	152
4	Brain banks: benefits, limitations and cautions concerning the use of post-mortem brain tissue for molecular studies. <i>Cell and Tissue Banking</i> , 2008, 9, 181-194.	1.1	151
5	Altered Mitochondrial DNA Methylation Pattern in Alzheimer Disease-Related Pathology and in Parkinson Disease. <i>American Journal of Pathology</i> , 2016, 186, 385-397.	3.8	150
6	RESEARCH ARTICLE: Up-regulation of Adenosine Receptors in the Frontal Cortex in Alzheimer's Disease. <i>Brain Pathology</i> , 2008, 18, 211-219.	4.1	147
7	MPP+ increases α -synuclein expression and ERK/MAP-kinase phosphorylation in human neuroblastoma SH-SY5Y cells. <i>Brain Research</i> , 2002, 935, 32-39.	2.2	132
8	Increased 5-Methylcytosine and Decreased 5-Hydroxymethylcytosine Levels are Associated with Reduced Striatal A2AR Levels in Huntington's Disease. <i>NeuroMolecular Medicine</i> , 2013, 15, 295-309.	3.4	129
9	Increased striatal adenosine A2A receptor levels is an early event in Parkinson's disease-related pathology and it is potentially regulated by miR-34b. <i>Neurobiology of Disease</i> , 2014, 69, 206-214.	4.4	91
10	Abnormal α -synuclein interactions with rab3a and rabphilin in diffuse Lewy body disease. <i>Neurobiology of Disease</i> , 2004, 16, 92-97.	4.4	85
11	Aquaporin expression in the cerebral cortex is increased at early stages of Alzheimer disease. <i>Brain Research</i> , 2007, 1128, 164-174.	2.2	80
12	TaqMan PCR assay in the control of RNA normalization in human post-mortem brain tissue. <i>Neurochemistry International</i> , 2006, 49, 276-284.	3.8	71
13	Abnormal levels of prohibitin and ATP synthase in the substantia nigra and frontal cortex in Parkinson's disease. <i>Neuroscience Letters</i> , 2007, 415, 205-209.	2.1	66
14	Lipopolysaccharide Up-Regulates MHC Class II Expression on Dendritic Cells through an AP-1 Enhancer without Affecting the Levels of CIITA. <i>Journal of Immunology</i> , 2007, 178, 6307-6315.	0.8	63
15	Reduced ubiquitin C-terminal hydrolase-1 expression levels in dementia with Lewy bodies. <i>Neurobiology of Disease</i> , 2006, 22, 265-273.	4.4	59
16	Induction of C/EBP β and GADD153 expression by dopamine in human neuroblastoma cells. <i>Brain Research Bulletin</i> , 2005, 65, 87-95.	3.0	50
17	DNA Chip Technology in Brain Banks: Confronting a Degrading World. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 1003-1014.	1.7	48
18	BDNF genetic variants and methylation: effects on cognition in major depressive disorder. <i>Translational Psychiatry</i> , 2019, 9, 265.	4.8	42

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19	Reduced striatal adenosine A _{2A} receptor levels define a molecular subgroup in schizophrenia. <i>Journal of Psychiatric Research</i> , 2014, 51, 49-59.	3.1	41
20	DNA methylation regulates adenosine A _{2A} receptor cell surface expression levels. <i>Journal of Neurochemistry</i> , 2010, 112, 1273-1285.	3.9	38
21	From transcription to cell surface expression, the induction of MHC class II I-Å± by interferon-Î³ in macrophages is regulated at different levels. <i>Immunogenetics</i> , 2001, 53, 136-144.	2.4	31
22	Neuroprotective effect of citicoline in 6-hydroxydopamine-lesioned rats and in 6-hydroxydopamine-treated SH-SY5Y human neuroblastoma cells. <i>Journal of the Neurological Sciences</i> , 2003, 215, 105-110.	0.6	30
23	Target Genes of Neuron-Restrictive Silencer Factor Are Abnormally Up-Regulated in Human Myotilinopathy. <i>American Journal of Pathology</i> , 2007, 171, 1312-1323.	3.8	30
24	DNA methylation and Yin Yang-1 repress adenosine A _{2A} receptor levels in human brain. <i>Journal of Neurochemistry</i> , 2010, 115, 283-295.	3.9	28
25	Reduced striatal ecto-nucleotidase activity in schizophrenia patients supports the "adenosine hypothesis". <i>Purinergic Signalling</i> , 2013, 9, 599-608.	2.2	27
26	Amyloid-Î² deposition in the cerebral cortex in Dementia with Lewy bodies is accompanied by a relative increase in AÎ²PP mRNA isoforms containing the Kunitz protease inhibitor. <i>Neurochemistry International</i> , 2005, 46, 253-260.	3.8	22
27	FKBP5 polymorphisms and hypothalamic-pituitary-adrenal axis negative feedback in major depression and obsessive-compulsive disorder. <i>Journal of Psychiatric Research</i> , 2018, 104, 227-234.	3.1	19
28	Citicoline increases glutathione redox ratio and reduces caspase-3 activation and cell death in staurosporine-treated SH-SY5Y human neuroblastoma cells. <i>Brain Research</i> , 2002, 957, 84-90.	2.2	18
29	Adenosine A1 Receptor Protein Levels and Activity Is Increased in the Cerebral Cortex in Creutzfeldt-Jakob Disease and in Bovine Spongiform Encephalopathy-Infected Bovine-PrP Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 964-975.	1.7	18
30	Striatal adenosine A _{2A} receptor expression is controlled by S-adenosyl-L-methionine-mediated methylation. <i>Purinergic Signalling</i> , 2014, 10, 523-528.	2.2	15
31	Group I mGluR signaling in BSE-infected bovine-PrP transgenic mice. <i>Neuroscience Letters</i> , 2006, 410, 115-120.	2.1	14
32	Histone tail acetylation in brain occurs in an unpredictable fashion after death. <i>Cell and Tissue Banking</i> , 2012, 13, 597-606.	1.1	8
33	The locus control region of the MHC class II promoter acts as a repressor element, the activity of which is inhibited by CIITA. <i>Molecular Immunology</i> , 2010, 47, 825-832.	2.2	5
34	Epigenetic Modulation of Adenosine A _{2A} Receptor: A Putative Therapeutical Tool for the Treatment of Parkinson's Disease. , 2011, , .		2
35	Gene Regulation of Adenosine A _{2A} Receptors in the Central Nervous System. , 2017, , 97-108.		1