Ana Velasco

List of Publications by Year
in descending order

19 papers	681 citations	623734 14 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	1077 citing authors

#	Article	IF	Citations
1	Neuronal differentiation is triggered by oleic acid synthesized and released by astrocytes. Journal of Neurochemistry, 2008, 79, 606-616.	3.9	100
2	<i>In vitro</i> high affinity Î±â€synuclein binding sites for the amyloid imaging agent PIB are not matched by binding to Lewy bodies in postmortem human brain¹. Journal of Neurochemistry, 2008, 105, 1428-1437.	3.9	84
3	Transcytosis of Albumin in Astrocytes Activates the Sterol Regulatory Element-binding Protein-1, Which Promotes the Synthesis of the Neurotrophic Factor Oleic Acid. Journal of Biological Chemistry, 2002, 277, 4240-4246.	3.4	71
4	Megalin is a receptor for albumin in astrocytes and is required for the synthesis of the neurotrophic factor oleic acid. Journal of Neurochemistry, 2008, 106, 1149-1159.	3.9	61
5	The neurotrophic effect of oleic acid includes dendritic differentiation and the expression of the neuronal basic helix-loop-helix transcription factor NeuroD2. Journal of Neurochemistry, 2004, 88, 1041-1051.	3.9	55
6	Role of oleic acid as a neurotrophic factor is supported in vivo by the expression of GAP-43 subsequent to the activation of SREBP-1 and the up-regulation of stearoyl-CoA desaturase during postnatal development of the brain. Brain Research, 2003, 977, 103-111.	2.2	45
7	Albumin endocytosis via megalin in astrocytes is caveolaâ€•and Dabâ€1 dependent and is required for the synthesis of the neurotrophic factor oleic acid. Journal of Neurochemistry, 2009, 111, 49-60.	3.9	43
8	The enhancement of glucose uptake caused by the collapse of gap junction communication is due to an increase in astrocyte proliferation. Journal of Neurochemistry, 2001, 78, 890-898.	3.9	38
9	Detection of filamentous tau inclusions by the fluorescent Congo red derivative FSB [(<i>trans</i>,<i>trans</i>)â€1â€fluoroâ€2,5â€bis(3â€hydroxycarbonylâ€4â€hydroxy)styrylbenzene]. FEBS Letters, 2008, 582, 901-906.	2.8	38
10	The role of Omega-3 and Omega-9 fatty acids for the treatment of neuropathic pain after neurotrauma. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1629-1635.	2.6	37
11	ATP-Sensitive Potassium Channel Regulates Astrocytic Gap Junction Permeability by a Ca2+-Independent Mechanism. Journal of Neurochemistry, 2000, 74, 1249-1256.	3.9	30
12	Endocytosis and Transcytosis of Amyloid-Î² Peptides by Astrocytes: A Possible Mechanism for Amyloid-Î² Clearance in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2018, 65, 1109-1124.	2.6	26
13	Aberrant Co-localization of Synaptic Proteins Promoted by Alzheimerâ€™s Disease Amyloid-Î² Peptides: Protective Effect ofÂHuman Serum Albumin. Journal of Alzheimer's Disease, 2016, 55, 171-182.	2.6	18
14	Prenatal Administration of Oleic Acid or Linolenic Acid Reduces Neuromorphological and Cognitive Alterations in Ts65dn Down Syndrome Mice. Journal of Nutrition, 2020, 150, 1631-1643.	2.9	16
15	Overexpression of DYRK1A inhibits choline acetyltransferase induction by oleic acid in cellular models of Down syndrome. Experimental Neurology, 2013, 239, 229-234.	4.1	9
16	Fatty Acids and Antioxidants in Multiple Sclerosis: Therapeutic Role of GEMSP. Current Pharmaceutical Design, 2019, 25, 376-380.	1.9	5
17	Restrained Phosphatidylcholine Synthesis in a Cellular Model of Downâ€™s Syndrome is Associated with the Overexpression of Dyrk1A. Molecular Neurobiology, 2017, 54, 1092-1100.	4.0	3
18	Recent Advances on Immunosuppressive Drugs and Remyelination Enhancers for the Treatment of Multiple Sclerosis. Current Pharmaceutical Design, 2021, 27, 3273-3280.	1.9	1

#	Article	IF	Citations
19	Oleic Acid and Cholinergic dysfunction in Down Syndrome Models of the Central Nervous System. Journal of Neurology and Neuromedicine, 2016, 1, 1-5.	0.9	1