

# Ana Velasco

## List of Publications by Year in descending order

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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	Recent Advances on Immunosuppressive Drugs and Remyelination Enhancers for the Treatment of Multiple Sclerosis. <i>Current Pharmaceutical Design</i> , 2021, 27, 3273-3280.	1.9	1
2	Prenatal Administration of Oleic Acid or Linolenic Acid Reduces Neuromorphological and Cognitive Alterations in Ts65dn Down Syndrome Mice. <i>Journal of Nutrition</i> , 2020, 150, 1631-1643.	2.9	16
3	Fatty Acids and Antioxidants in Multiple Sclerosis: Therapeutic Role of GEMSP. <i>Current Pharmaceutical Design</i> , 2019, 25, 376-380.	1.9	5
4	Endocytosis and Transcytosis of Amyloid- $\beta$ Peptides by Astrocytes: A Possible Mechanism for Amyloid- $\beta$ Clearance in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 1109-1124.	2.6	26
5	Restrained Phosphatidylcholine Synthesis in a Cellular Model of Down Syndrome is Associated with the Overexpression of Dyrk1A. <i>Molecular Neurobiology</i> , 2017, 54, 1092-1100.	4.0	3
6	The role of Omega-3 and Omega-9 fatty acids for the treatment of neuropathic pain after neurotrauma. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1629-1635.	2.6	37
7	Aberrant Co-localization of Synaptic Proteins Promoted by Alzheimer's Disease Amyloid- $\beta$ Peptides: Protective Effect of Human Serum Albumin. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 171-182.	2.6	18
8	Oleic Acid and Cholinergic dysfunction in Down Syndrome Models of the Central Nervous System. <i>Journal of Neurology and Neuromedicine</i> , 2016, 1, 1-5.	0.9	1
9	Overexpression of DYRK1A inhibits choline acetyltransferase induction by oleic acid in cellular models of Down syndrome. <i>Experimental Neurology</i> , 2013, 239, 229-234.	4.1	9
10	Albumin endocytosis via megalin in astrocytes is caveolin-1 and Dab1 dependent and is required for the synthesis of the neurotrophic factor oleic acid. <i>Journal of Neurochemistry</i> , 2009, 111, 49-60.	3.9	43
11	Neuronal differentiation is triggered by oleic acid synthesized and released by astrocytes. <i>Journal of Neurochemistry</i> , 2008, 79, 606-616.	3.9	100
12	In vitro high affinity $\beta$ -synuclein binding sites for the amyloid imaging agent PIB are not matched by binding to Lewy bodies in postmortem human brain. <i>Journal of Neurochemistry</i> , 2008, 105, 1428-1437.	3.9	84
13	Megalyn is a receptor for albumin in astrocytes and is required for the synthesis of the neurotrophic factor oleic acid. <i>Journal of Neurochemistry</i> , 2008, 106, 1149-1159.	3.9	61
14	Detection of filamentous tau inclusions by the fluorescent Congo red derivative FSB [(trans-1-fluoro-2,5-bis(3-hydroxycarbonyl-4-hydroxy)styryl)benzene]. <i>FEBS Letters</i> , 2008, 582, 901-906.	3.9	38
15	The neurotrophic effect of oleic acid includes dendritic differentiation and the expression of the neuronal basic helix-loop-helix transcription factor NeuroD2. <i>Journal of Neurochemistry</i> , 2004, 88, 1041-1051.	3.9	55
16	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. <i>Brain Research</i> , 2003, 977, 103-111.	2.2	45
17	Transcytosis of Albumin in Astrocytes Activates the Sterol Regulatory Element-binding Protein-1, Which Promotes the Synthesis of the Neurotrophic Factor Oleic Acid. <i>Journal of Biological Chemistry</i> , 2002, 277, 4240-4246.	3.4	71
18	The enhancement of glucose uptake caused by the collapse of gap junction communication is due to an increase in astrocyte proliferation. <i>Journal of Neurochemistry</i> , 2001, 78, 890-898.	3.9	38

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19	ATP-Sensitive Potassium Channel Regulates Astrocytic Gap Junction Permeability by a Ca <sup>2+</sup> -Independent Mechanism. <i>Journal of Neurochemistry</i> , 2000, 74, 1249-1256.	3.9	30