Diego Sepulveda-Falla

List of Publications by Year
in descending order

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39 papers	2,295 citations	361413 20 h-index	361022 35 g-index
39 all docs	39 docs citations	39 times ranked	3616 citing authors

#	Article	IF	Citations
1	The blood-brain barrier is dysregulated in COVID-19 and serves as a CNS entry route for SARS-CoV-2. Stem Cell Reports, 2022, 17, 307-320.	4.8	138
2	Distinct tau neuropathology and cellular profiles of an APOE3 Christchurch homozygote protected against autosomal dominant Alzheimerâ€™s dementia. Acta Neuropathologica, 2022, 144, 589-601.	7.7	32
3	A multifactorial model of pathology for age of onset heterogeneity in familial Alzheimerâ€™s disease. Acta Neuropathologica, 2021, 141, 217-233.	7.7	33
4	Protein Predictive Modeling and Simulation of Mutations of Presenilin-1 Familial Alzheimerâ€™s Disease on the Orthosteric Site. Frontiers in Molecular Biosciences, 2021, 8, 649990.	3.5	3
5	Cerebral Small Vessel Disease in Sporadic and Familial Alzheimer Disease. American Journal of Pathology, 2021, 191, 1888-1905.	3.8	28
6	Targeting Runt-Related Transcription Factor 1 Prevents Pulmonary Fibrosis and Reduces Expression of Severe Acute Respiratory Syndrome Coronavirus 2 Host Mediators. American Journal of Pathology, 2021, 191, 1193-1208.	3.8	14
7	Reactive Astrocytes Contribute to Alzheimerâ€™s Disease-Related Neurotoxicity and Synaptotoxicity in a Neuron-Astrocyte Co-culture Assay. Frontiers in Cellular Neuroscience, 2021, 15, 739411.	3.7	7
8	Deficits in developmental neurogenesis and dendritic spine maturation in mice lacking the serine protease inhibitor neuroserpin. Molecular and Cellular Neurosciences, 2020, 102, 103420.	2.2	25
9	Discriminative Accuracy of Plasma Phospho-tau217 for Alzheimer Disease vs Other Neurodegenerative Disorders. JAMA - Journal of the American Medical Association, 2020, 324, 772.	7.4	640
10	Decreased Deposition of Beta-Amyloid 1-38 and Increased Deposition of Beta-Amyloid 1-42 in Brain Tissue of Presenilin-1 E280A Familial Alzheimerâ€™s Disease Patients. Frontiers in Aging Neuroscience, 2020, 12, 220.	3.4	13
11	Cerebrospinal Fluid Mitochondrial DNA in Rapid and Slow Progressive Forms of Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2020, 21, 6298.	4.1	14
12	Plasma neurofilament light chain in the presenilin 1 E280A autosomal dominant Alzheimer's disease kindred: a cross-sectional and longitudinal cohort study. Lancet Neurology, The, 2020, 19, 513-521.	10.2	97
13	Common disbalance in the brain parenchyma of dementias: Phospholipid profile analysis between CADASIL and sporadic Alzheimer's disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165797.	3.8	12
14	Susceptibility to cellular stress in PS1 mutant N2a cells is associated with mitochondrial defects and altered calcium homeostasis. Scientific Reports, 2020, 10, 6455.	3.3	6
15	Role of cellular oxidative stress in dementia. , 2020, , 147-161.		1
16	Complement 3+-astrocytes are highly abundant in prion diseases, but their abolishment led to an accelerated disease course and early dysregulation of microglia. Acta Neuropathologica Communications, 2019, 7, 83.	5.2	84
17	Phagocytosis of Apoptotic Cells Is Specifically Upregulated in ApoE4 Expressing Microglia in vitro. Frontiers in Cellular Neuroscience, 2019, 13, 181.	3.7	26
18	Neural Plasticity during Aging. Neural Plasticity, 2019, 2019, 1-3.	2.2	8

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19	The Colombianâ€“German network for neurodegenerative research: UndoAD. Lancet Neurology, The, 2019, 18, 29.	10.2	1
20	Distinct microglia profile in Creutzfeldtâ€“Jakob disease and Alzheimer's disease is independent of disease kinetics. Neuropathology, 2018, 38, 591-600.	1.2	3
21	Amyloid polymorphisms constitute distinct clouds of conformational variants in different etiological subtypes of Alzheimerâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13018-13023.	7.1	170
22	Losing sleep over mitochondria: a new player in the pathophysiology of fatal familial insomnia. Brain Pathology, 2017, 27, 107-108.	4.1	4
23	Mutations modifying sporadic Alzheimer's disease age of onset. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 1116-1130.	1.7	20
24	Amyloid-Î² Precursor Protein Modulates the Sorting of Testican-1 and Contributes to Its Accumulation in Brain Tissue and Cerebrospinal Fluid from Patients with Alzheimer Disease. Journal of Neuropathology and Experimental Neurology, 2016, 75, 903-916.	1.7	18
25	Epidermal growth factor receptor overexpression is common and not correlated to gene copy number in ependymoma. Child's Nervous System, 2016, 32, 281-290.	1.1	7
26	APOE*E2 allele delays age of onset in PSEN1 E280A Alzheimerâ€™s disease. Molecular Psychiatry, 2016, 21, 916-924.	7.9	89
27	Qualitative changes in human Î³-secretase underlie familial Alzheimerâ€™s disease. Journal of Experimental Medicine, 2015, 212, 2003-2013.	8.5	134
28	Immune Activation in Amyloid-Î²-Related Angiitis Correlates with Decreased Parenchymal Amyloid-Î² Plaque Load. Neurodegenerative Diseases, 2014, 13, 38-44.	1.4	26
29	High molecular mass assemblies of amyloid-Î² oligomers bind prion protein in patients with Alzheimerâ€™s disease. Brain, 2014, 137, 873-886.	7.6	96
30	P2-016: NEUROPATHOLOGICAL, NEUROPSYCHOLOGICAL, AND IMAGENOLOGICAL COMPARISON BETWEEN SPORADIC ALZHEIMER'S DISEASE AND PS1-E280A. , 2014, 10, P476-P476.		0
31	Familial Alzheimerâ€™s diseaseâ€“associated presenilin-1 alters cerebellar activity and calcium homeostasis. Journal of Clinical Investigation, 2014, 124, 1552-1567.	8.2	104
32	Distinct patterns of APP processing in the CNS in autosomal-dominant and sporadic Alzheimer disease. Acta Neuropathologica, 2013, 125, 201-213.	7.7	103
33	Specific de-SUMOylation triggered by acquisition of spatial learning is related to epigenetic changes in the rat hippocampus. NeuroReport, 2013, 24, 976-981.	1.2	6
34	Phenotypic Profile of Early-Onset Familial Alzheimer's Disease Caused by Presenilin-1 E280A Mutation. Journal of Alzheimer's Disease, 2012, 32, 1-12.	2.6	55
35	Deposition of Hyperphosphorylated Tau in Cerebellum of PS1 E280A Alzheimer's Disease. Brain Pathology, 2011, 21, 452-463.	4.1	65
36	Pre-dementia clinical stages in presenilin 1 E280A familial early-onset Alzheimer's disease: a retrospective cohort study. Lancet Neurology, The, 2011, 10, 213-220.	10.2	190

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37	Genotype - phenotype correlation in CADASIL. Cognitive performance in carriers of notch3 mutations R1031C and C455R. International Journal of Psychological Research, 2010, 3, 109-122.	0.6	0
38	A genetic cluster of early onset Parkinson's disease in a Colombian population. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2006, 141B, 885-889.	1.7	20
39	The Blood-Brain Barrier is Dysregulated in COVID-19 and Serves as a CNS Entry Route for SARS-CoV-2. SSRN Electronic Journal, 0, , .	0.4	3