Mar HernÃ¡ndez-Guillamon

List of Publications by Year
in descending order

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59 papers	3,228 citations	172457 29 h-index	155660 55 g-index
59 all docs	59 docs citations	59 times ranked	5206 citing authors

#	Article	IF	Citations
1	Association of CD2AP neuronal deposits with Braak neurofibrillary stage in Alzheimerâ€™s disease. Brain Pathology, 2022, 32, e13016.	4.1	13
2	Impact of Cerebral Amyloid Angiopathy in Two Transgenic Mouse Models of Cerebral Î²-Amyloidosis: A Neuropathological Study. International Journal of Molecular Sciences, 2022, 23, 4972.	4.1	8
3	Comparison of Plasma Lipoprotein Composition and Function in Cerebral Amyloid Angiopathy and Alzheimerâ€™s Disease. Biomedicines, 2021, 9, 72.	3.2	7
4	SSAO/VAP-1 in Cerebrovascular Disorders: A Potential Therapeutic Target for Stroke and Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2021, 22, 3365.	4.1	14
5	Circulating AQP4 Levels in Patients with Cerebral Amyloid Angiopathy-Associated Intracerebral Hemorrhage. Journal of Clinical Medicine, 2021, 10, 989.	2.4	5
6	Survival Bias and Crosstalk between Chronological and Behavioral Age: Age- and Genotype-Sensitivity Tests Define Behavioral Signatures in Middle-Aged, Old, and Long-Lived Mice with Normal and AD-Associated Aging. Biomedicines, 2021, 9, 636.	3.2	18
7	New candidate blood biomarkers potentially associated with white matter hyperintensities progression. Scientific Reports, 2021, 11, 14324.	3.3	4
8	MFG-E8 (LACTADHERIN): a novel marker associated with cerebral amyloid angiopathy. Acta Neuropathologica Communications, 2021, 9, 154.	5.2	11
9	Cerebral amyloid angiopathy and Alzheimer disease â€” one peptide, two pathways. Nature Reviews Neurology, 2020, 16, 30-42.	10.1	407
10	Circulating TIMP-1 is associated with hematoma volume in patients with spontaneous intracranial hemorrhage. Scientific Reports, 2020, 10, 10329.	3.3	5
11	CCL23: A Chemokine Associated with Progression from Mild Cognitive Impairment to Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2020, 73, 1585-1595.	2.6	25
12	Advancing diagnostic criteria for sporadic cerebral amyloid angiopathy: Study protocol for a multicenter MRI-pathology validation of Boston criteria v2.0. International Journal of Stroke, 2019, 14, 956-971.	5.9	39
13	Matrix metalloproteinases and ADAMs in stroke. Cellular and Molecular Life Sciences, 2019, 76, 3117-3140.	5.4	43
14	Peripheral administration of human recombinant ApoJ/clusterin modulates brain beta-amyloid levels in APP23 mice. Alzheimer's Research and Therapy, 2019, 11, 42.	6.2	29
15	Brain ApoA-I, ApoJ and ApoE Immunodetection in Cerebral Amyloid Angiopathy. Frontiers in Neurology, 2019, 10, 187.	2.4	23
16	PATJ Low Frequency Variants Are Associated With Worse Ischemic Stroke Functional Outcome. Circulation Research, 2019, 124, 114-120.	4.5	49
17	Simvastatin blocks soluble SSAO/VAP-1 release in experimental models of cerebral ischemia: Possible benefits for stroke-induced inflammation control. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 542-553.	3.8	10
18	Absolute risk and predictors of the growth of acute spontaneous intracerebral haemorrhage: a systematic review and meta-analysis of individual patient data. Lancet Neurology, The, 2018, 17, 885-894.	10.2	229

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19	Intravenous treatment with human recombinant ApoA-I Milano reduces beta amyloid cerebral deposition in the APP23-transgenic mouse model of Alzheimer's disease. Neurobiology of Aging, 2017, 60, 116-128.	3.1	29
20	Brain hemorrhage recurrence, small vessel disease type, and cerebral microbleeds. Neurology, 2017, 89, 820-829.	1.1	180
21	Characterization of ApoJ-reconstituted high-density lipoprotein (rHDL) nanodisc for the potential treatment of cerebral Î²-amyloidosis. Scientific Reports, 2017, 7, 14637.	3.3	31
22	Profiling and identification of new proteins involved in brain ischemia using MALDI-imaging-mass-spectrometry. Journal of Proteomics, 2017, 152, 243-253.	2.4	23
23	Charge effect of a liposomal delivery system encapsulating simvastatin to treat experimental ischemic stroke in rats. International Journal of Nanomedicine, 2016, Volume 11, 3035-3048.	6.7	56
24	Modulation of Amyloid-Î²1â€“40 Transport by ApoA1 and ApoJ Across an in vitro Model of the Blood-Brain Barrier. Journal of Alzheimer's Disease, 2016, 53, 677-691.	2.6	45
25	Plasmatic retinolâ€binding protein 4 and glial fibrillary acidic protein as biomarkers to differentiate ischemic stroke and intracerebral hemorrhage. Journal of Neurochemistry, 2016, 136, 416-424.	3.9	49
26	Identification of Plasma Biomarkers of Human Intracerebral Hemorrhage Subtypes through Microarray Technology. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 665-671.	1.6	4
27	Characterization of secretomes from a human blood brain barrier endothelial cells in-vitro model after ischemia by stable isotope labeling with aminoacids in cell culture (SILAC). Journal of Proteomics, 2016, 133, 100-112.	2.4	17
28	ApoA1, ApoJ and ApoE Plasma Levels and Genotype Frequencies in Cerebral Amyloid Angiopathy. NeuroMolecular Medicine, 2016, 18, 99-108.	3.4	20
29	Matrix Metalloproteinases in Alzheimerâ€™s Disease and Concurrent Cerebral Microbleeds. Journal of Alzheimer's Disease, 2015, 48, 711-720.	2.6	71
30	Cerebral Amyloid Angiopathy-Related Atraumatic Convexal Subarachnoid Hemorrhage: An ARIA before the Tsunami. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 710-717.	4.3	39
31	Sequential Amyloid-Î² Degradation by the Matrix Metalloproteases MMP-2 and MMP-9. Journal of Biological Chemistry, 2015, 290, 15078-15091.	3.4	107
32	NURR1 Involvement in Recombinant Tissue-Type Plasminogen Activator Treatment Complications After Ischemic Stroke. Stroke, 2015, 46, 477-484.	2.0	14
33	Fluorescent Molecular Peroxidation Products. Stroke, 2014, 45, 432-437.	2.0	10
34	Mild hypothermia protects against oxygen glucose deprivation (OGD)-induced cell death in brain slices from adult mice. Journal of Neural Transmission, 2014, 121, 113-117.	2.8	5
35	Brain proteomics identifies potential simvastatin targets in acute phase of stroke in a rat embolic model. Journal of Neurochemistry, 2014, 130, 301-312.	3.9	25
36	Rat Middle Cerebral Artery Occlusion Is Not a Suitable Model for the Study of Stroke-Induced Spontaneous Infections. PLoS ONE, 2014, 9, e99169.	2.5	2

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37	The angiogenic gene profile of circulating endothelial progenitor cells from ischemic stroke patients. Vascular Cell, 2013, 5, 3.	0.2	18
38	Cerebral ischaemia and matrix metalloproteinaseâ€9 modulate the angiogenic function of early and late outgrowth endothelial progenitor cells. Journal of Cellular and Molecular Medicine, 2013, 17, 1543-1553.	3.6	34
39	Combining Statins with Tissue Plasminogen Activator Treatment After Experimental and Human Stroke: A Safety Study on Hemorrhagic Transformation. CNS Neuroscience and Therapeutics, 2013, 19, 863-870.	3.9	10
40	Genes involved in hemorrhagic transformations that follow recombinant t-PA treatment in stroke patients. Pharmacogenomics, 2013, 14, 495-504.	1.3	18
41	Factors Secreted by Endothelial Progenitor Cells Enhance Neurorepair Responses after Cerebral Ischemia in Mice. PLoS ONE, 2013, 8, e73244.	2.5	93
42	Evidence for the efficacy of statins in animal stroke models: a metaâ€analysis. Journal of Neurochemistry, 2012, 122, 233-243.	3.9	70
43	Differentiating ischemic from hemorrhagic stroke using plasma biomarkers: The S100B/RAGE pathway. Journal of Proteomics, 2012, 75, 4758-4765.	2.4	68
44	Plasma Î²-Amyloid Levels in Cerebral Amyloid Angiopathy-Associated Hemorrhagic Stroke. Neurodegenerative Diseases, 2012, 10, 320-323.	1.4	41
45	VAP-1/SSAO Plasma Activity and Brain Expression in Human Hemorrhagic Stroke. Cerebrovascular Diseases, 2012, 33, 55-63.	1.7	41
46	MMPâ€2/MMPâ€9 Plasma Level and Brain Expression in Cerebral Amyloid Angiopathyâ€Associated Hemorrhagic Stroke. Brain Pathology, 2012, 22, 133-141.	4.1	73
47	ACE variants and risk of intracerebral hemorrhage recurrence in amyloid angiopathy. Neurobiology of Aging, 2011, 32, 551.e13-551.e22.	3.1	22
48	A large screening of angiogenesis biomarkers and their association with neurological outcome after ischemic stroke. Atherosclerosis, 2011, 216, 205-211.	0.8	103
49	The Proteome of Human Brain After Ischemic Stroke. Journal of Neuropathology and Experimental Neurology, 2010, 69, 1105-1115.	1.7	43
50	Matrix Metalloproteinase 2 (MMP-2) Degrades Soluble Vasculotropic Amyloid-Î² E22Q and L34V Mutants, Delaying Their Toxicity for Human Brain Microvascular Endothelial Cells. Journal of Biological Chemistry, 2010, 285, 27144-27158.	3.4	43
51	Plasma VAP-1/SSAO Activity Predicts Intracranial Hemorrhages and Adverse Neurological Outcome After Tissue Plasminogen Activator Treatment in Stroke. Stroke, 2010, 41, 1528-1535.	2.0	66
52	Mobilization, endothelial differentiation and functional capacity of endothelial progenitor cells after ischemic stroke. Microvascular Research, 2010, 80, 317-323.	2.5	69
53	Neuronal TIMPâ€1 release accompanies astrocytic MMPâ€9 secretion and enhances astrocyte proliferation induced by Î²â€amyloid 25â€“35 fragment. Journal of Neuroscience Research, 2009, 87, 2115-2125.	2.9	34
54	Matrix Metalloproteinase-13 is Activated and is found in the Nucleus of Neural Cells after Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 398-410.	4.3	61

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55	p53 phosphorylation is involved in vascular cell death induced by the catalytic activity of membrane-bound SSAO/VAP-1. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1085-1094.	4.1	27
56	Tissue plasminogen activator (t-PA) promotes neutrophil degranulation and MMP-9 release. Journal of Leukocyte Biology, 2008, 84, 207-214.	3.3	118
57	MMP-9â€"Positive Neutrophil Infiltration Is Associated to Bloodâ€"Brain Barrier Breakdown and Basal Lamina Type IV Collagen Degradation During Hemorrhagic Transformation After Human Ischemic Stroke. Stroke, 2008, 39, 1121-1126.	2.0	466
58	Fas System Activation in Perihematomal Areas After Spontaneous Intracerebral Hemorrhage. Stroke, 2008, 39, 1730-1734.	2.0	39
59	Sodium Bicarbonate Enhances Membrane-bound and Soluble Human Semicarbazide-sensitive Amine Oxidase Activity In Vitro. Journal of Biochemistry, 2007, 142, 571-576.	1.7	5