# Mar Hernndez-Guillamon

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|---|---|---|---|
| 58 papers | 2,252 citations | 27 h-index | 47 g-index |
| 59 ext. papers | 2,753 ext. citations | 5.7 avg, IF | 4.7 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 58 | MMP-9-positive neutrophil infiltration is associated to blood-brain barrier breakdown and basal lamina type IV collagen degradation during hemorrhagic transformation after human ischemic stroke. *Stroke*, **2008**, 39, 1121-6 | 6.7 | 365 |
| 57 | Cerebral amyloid angiopathy and Alzheimer disease - one peptide, two pathways. *Nature Reviews Neurology*, **2020**, 16, 30-42 | 15 | 171 |
| 56 | 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 | 24.1 | 142 |
| 55 | Brain hemorrhage recurrence, small vessel disease type, and cerebral microbleeds: A meta-analysis. *Neurology*, **2017**, 89, 820-829 | 6.5 | 115 |
| 54 | Tissue plasminogen activator (t-PA) promotes neutrophil degranulation and MMP-9 release. *Journal of Leukocyte Biology*, **2008**, 84, 207-14 | 6.5 | 100 |
| 53 | A large screening of angiogenesis biomarkers and their association with neurological outcome after ischemic stroke. *Atherosclerosis*, **2011**, 216, 205-11 | 3.1 | 84 |
| 52 | Factors secreted by endothelial progenitor cells enhance neurorepair responses after cerebral ischemia in mice. *PLoS ONE*, **2013**, 8, e73244 | 3.7 | 79 |
| 51 | Sequential Amyloid-Degradation by the Matrix Metalloproteases MMP-2 and MMP-9. *Journal of Biological Chemistry*, **2015**, 290, 15078-91 | 5.4 | 73 |
| 50 | Mobilization, endothelial differentiation and functional capacity of endothelial progenitor cells after ischemic stroke. *Microvascular Research*, **2010**, 80, 317-23 | 3.7 | 63 |
| 49 | Plasma VAP-1/SSAO activity predicts intracranial hemorrhages and adverse neurological outcome after tissue plasminogen activator treatment in stroke. *Stroke*, **2010**, 41, 1528-35 | 6.7 | 59 |
| 48 | 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 | 7.3 | 59 |
| 47 | Evidence for the efficacy of statins in animal stroke models: a meta-analysis. *Journal of Neurochemistry*, **2012**, 122, 233-43 | 6 | 56 |
| 46 | MMP-2/MMP-9 plasma level and brain expression in cerebral amyloid angiopathy-associated hemorrhagic stroke. *Brain Pathology*, **2012**, 22, 133-41 | 6 | 54 |
| 45 | Matrix Metalloproteinases in Alzheimer's Disease and Concurrent Cerebral Microbleeds. *Journal of Alzheimer's Disease*, **2015**, 48, 711-20 | 4.3 | 47 |
| 44 | Differentiating ischemic from hemorrhagic stroke using plasma biomarkers: the S100B/RAGE pathway. *Journal of Proteomics*, **2012**, 75, 4758-65 | 3.9 | 47 |
| 43 | Charge effect of a liposomal delivery system encapsulating simvastatin to treat experimental ischemic stroke in rats. *International Journal of Nanomedicine*, **2016**, 11, 3035-48 | 7.3 | 47 |
| 42 | Matrix metalloproteinase 2 (MMP-2) degrades soluble vasculotropic amyloid-beta E22Q and L34V mutants, delaying their toxicity for human brain microvascular endothelial cells. *Journal of Biological Chemistry*, **2010**, 285, 27144-27158 | 5.4 | 39 |

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| 41 | The proteome of human brain after ischemic stroke. *Journal of Neuropathology and Experimental Neurology*, **2010**, 69, 1105-15 | 3.1 | 38 |
| 40 | VAP-1/SSAO plasma activity and brain expression in human hemorrhagic stroke. *Cerebrovascular Diseases*, **2012**, 33, 55-63 | 3.2 | 36 |
| 39 | Fas system activation in perihematomal areas after spontaneous intracerebral hemorrhage. *Stroke*, **2008**, 39, 1730-4 | 6.7 | 34 |
| 38 | Plasmatic retinol-binding protein 4 and glial fibrillary acidic protein as biomarkers to differentiate ischemic stroke and intracerebral hemorrhage. *Journal of Neurochemistry*, **2016**, 136, 416-24 | 6 | 32 |
| 37 | Neuronal TIMP-1 release accompanies astrocytic MMP-9 secretion and enhances astrocyte proliferation induced by beta-amyloid 25-35 fragment. *Journal of Neuroscience Research*, **2009**, 87, 2115-25 | 4.4 | 32 |
| 36 | Modulation of Amyloid-β-40 Transport by ApoA1 and ApoJ Across an in vitro Model of the Blood-Brain Barrier. *Journal of Alzheimer's Disease*, **2016**, 53, 677-91 | 4.3 | 32 |
| 35 | Cerebral amyloid angiopathy-related atraumatic convexal subarachnoid hemorrhage: an ARIA before the tsunami. *Journal of Cerebral Blood Flow and Metabolism*, **2015**, 35, 710-7 | 7.3 | 30 |
| 34 | Plasma β-amyloid levels in cerebral amyloid angiopathy-associated hemorrhagic stroke. *Neurodegenerative Diseases*, **2012**, 10, 320-3 | 2.3 | 30 |
| 33 | Cerebral ischaemia and matrix metalloproteinase-9 modulate the angiogenic function of early and late outgrowth endothelial progenitor cells. *Journal of Cellular and Molecular Medicine*, **2013**, 17, 1543-53 | 5.6 | 29 |
| 32 | PATJ Low Frequency Variants Are Associated With Worse Ischemic Stroke Functional Outcome. *Circulation Research*, **2019**, 124, 114-120 | 15.7 | 27 |
| 31 | 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, 1085-94 | 4.9 | 24 |
| 30 | Characterization of ApoJ-reconstituted high-density lipoprotein (rHDL) nanodisc for the potential treatment of cerebral β-amyloidosis. *Scientific Reports*, **2017**, 7, 14637 | 4.9 | 22 |
| 29 | Matrix metalloproteinases and ADAMs in stroke. *Cellular and Molecular Life Sciences*, **2019**, 76, 3117-3140 | 10.3 | 21 |
| 28 | ACE variants and risk of intracerebral hemorrhage recurrence in amyloid angiopathy. *Neurobiology of Aging*, **2011**, 32, 551.e13-22 | 5.6 | 21 |
| 27 | 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 | 5.6 | 20 |
| 26 | Brain proteomics identifies potential simvastatin targets in acute phase of stroke in a rat embolic model. *Journal of Neurochemistry*, **2014**, 130, 301-12 | 6 | 19 |
| 25 | 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 | 6.3 | 18 |
| 24 | Profiling and identification of new proteins involved in brain ischemia using MALDI-imaging-mass-spectrometry. *Journal of Proteomics*, **2017**, 152, 243-253 | 3.9 | 18 |

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| 23 | ApoA1, ApoJ and ApoE Plasma Levels and Genotype Frequencies in Cerebral Amyloid Angiopathy. *NeuroMolecular Medicine*, **2016**, 18, 99-108 | 4.6 | 16 |
| 22 | Genes involved in hemorrhagic transformations that follow recombinant t-PA treatment in stroke patients. *Pharmacogenomics*, **2013**, 14, 495-504 | 2.6 | 16 |
| 21 | Peripheral administration of human recombinant ApoJ/clusterin modulates brain beta-amyloid levels in APP23 mice. *Alzheimer's Research and Therapy*, **2019**, 11, 42 | 9 | 15 |
| 20 | The angiogenic gene profile of circulating endothelial progenitor cells from ischemic stroke patients. *Vascular Cell*, **2013**, 5, 3 | 1 | 15 |
| 19 | NURR1 involvement in recombinant tissue-type plasminogen activator treatment complications after ischemic stroke. *Stroke*, **2015**, 46, 477-84 | 6.7 | 13 |
| 18 | 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 | 3.9 | 13 |
| 17 | Brain ApoA-I, ApoJ and ApoE Immunodetection in Cerebral Amyloid Angiopathy. *Frontiers in Neurology*, **2019**, 10, 187 | 4.1 | 11 |
| 16 | CCL23: A Chemokine Associated with Progression from Mild Cognitive Impairment to Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2020**, 73, 1585-1595 | 4.3 | 10 |
| 15 | Fluorescent molecular peroxidation products: a prognostic biomarker of early neurologic deterioration after thrombolysis. *Stroke*, **2014**, 45, 432-7 | 6.7 | 10 |
| 14 | Combining statins with tissue plasminogen activator treatment after experimental and human stroke: a safety study on hemorrhagic transformation. *CNS Neuroscience and Therapeutics*, **2013**, 19, 863-70 | 6.8 | 9 |
| 13 | 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 | 6.9 | 8 |
| 12 | 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, | 4.8 | 6 |
| 11 | Sodium bicarbonate enhances membrane-bound and soluble human semicarbazide-sensitive amine oxidase activity in vitro. *Journal of Biochemistry*, **2007**, 142, 571-6 | 3.1 | 5 |
| 10 | SSAO/VAP-1 in Cerebrovascular Disorders: A Potential Therapeutic Target for Stroke and Alzheimer's Disease. *International Journal of Molecular Sciences*, **2021**, 22, | 6.3 | 5 |
| 9 | Mild hypothermia protects against oxygen glucose deprivation (OGD)-induced cell death in brain slices from adult mice. *Journal of Neural Transmission*, **2014**, 121, 113-7 | 4.3 | 4 |
| 8 | Circulating AQP4 Levels in Patients with Cerebral Amyloid Angiopathy-Associated Intracerebral Hemorrhage. *Journal of Clinical Medicine*, **2021**, 10, | 5.1 | 3 |
| 7 | Identification of Plasma Biomarkers of Human Intracerebral Hemorrhage Subtypes through Microarray Technology. *Journal of Stroke and Cerebrovascular Diseases*, **2016**, 25, 665-71 | 2.8 | 2 |
| 6 | Rat middle cerebral artery occlusion is not a suitable model for the study of stroke-induced spontaneous infections. *PLoS ONE*, **2014**, 9, e99169 | 3.7 | 2 |

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| 5 | Comparison of Plasma Lipoprotein Composition and Function in Cerebral Amyloid Angiopathy and Alzheimer's Disease. *Biomedicines*, **2021**, 9, | 4.8 | 2 |
| 4 | MFG-E8 (LACTADHERIN): a novel marker associated with cerebral amyloid angiopathy. *Acta Neuropathologica Communications*, **2021**, 9, 154 | 7.3 | 2 |
| 3 | Circulating TIMP-1 is associated with hematoma volume in patients with spontaneous intracranial hemorrhage. *Scientific Reports*, **2020**, 10, 10329 | 4.9 | 1 |
| 2 | Association of CD2AP neuronal deposits with Braak neurofibrillary stage in Alzheimer's disease. *Brain Pathology*, **2021**, e13016 | 6 | 1 |
| 1 | New candidate blood biomarkers potentially associated with white matter hyperintensities progression. *Scientific Reports*, **2021**, 11, 14324 | 4.9 | 0 |