

Sergi Amaro

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

3,672
citations

117625

34
h-index

138484

58
g-index

95
all docs

95
docs citations

95
times ranked

5187
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety and efficacy of uric acid in patients with acute stroke (URICO-ICTUS): a randomised, double-blind phase 2b/3 trial. <i>Lancet Neurology</i> , The, 2014, 13, 453-460.	10.2	218
2	Acute Stroke Care Is at Risk in the Era of COVID-19. <i>Stroke</i> , 2020, 51, 1991-1995.	2.0	210
3	Monocyte Subtypes Predict Clinical Course and Prognosis in Human Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 994-1002.	4.3	185
4	Catecholamines, infection, and death in acute ischemic stroke. <i>Journal of the Neurological Sciences</i> , 2007, 252, 29-35.	0.6	166
5	Uric Acid Reduces Brain Damage and Improves the Benefits of rt-PA in a Rat Model of Thromboembolic Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 14-20.	4.3	160
6	Rivaroxaban or aspirin for patent foramen ovale and embolic stroke of undetermined source: a prespecified subgroup analysis from the NAVIGATE ESUS trial. <i>Lancet Neurology</i> , The, 2018, 17, 1053-1060.	10.2	146
7	Effect of Intra-arterial Alteplase vs Placebo Following Successful Thrombectomy on Functional Outcomes in Patients With Large Vessel Occlusion Acute Ischemic Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 826.	7.4	132
8	Association Between Time to Reperfusion and Outcome Is Primarily Driven by the Time From Imaging to Reperfusion. <i>Stroke</i> , 2016, 47, 999-1004.	2.0	113
9	A Pilot Study of Dual Treatment With Recombinant Tissue Plasminogen Activator and Uric Acid in Acute Ischemic Stroke. <i>Stroke</i> , 2007, 38, 2173-2175.	2.0	110
10	Interleukin 10, monocytes and increased risk of early infection in ischaemic stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006, 77, 1279-1281.	1.9	105
11	Uric Acid Therapy Improves Clinical Outcome in Women With Acute Ischemic Stroke. <i>Stroke</i> , 2015, 46, 2162-2167.	2.0	103
12	Relevance of Blood-Brain Barrier Disruption After Endovascular Treatment of Ischemic Stroke. <i>Stroke</i> , 2015, 46, 673-679.	2.0	96
13	Oral anticoagulant-associated intracerebral hemorrhage. <i>Journal of Neurology</i> , 2012, 259, 212-224.	3.6	91
14	Uric acid improves glucose-driven oxidative stress in human ischemic stroke. <i>Annals of Neurology</i> , 2015, 77, 775-783.	5.3	88
15	Outcomes After Direct Thrombectomy or Combined Intravenous and Endovascular Treatment Are Not Different. <i>Stroke</i> , 2017, 48, 375-378.	2.0	77
16	Safety and efficacy of thrombectomy in acute ischaemic stroke (REVASCAT): 1-year follow-up of a randomised open-label trial. <i>Lancet Neurology</i> , The, 2017, 16, 369-376.	10.2	74
17	Translational Stroke Research of the Combination of Thrombolysis and Antioxidant Therapy. <i>Stroke</i> , 2011, 42, 1495-1499.	2.0	73
18	Leukocytes, Collateral Circulation, and Reperfusion in Ischemic Stroke Patients Treated With Mechanical Thrombectomy. <i>Stroke</i> , 2019, 50, 3456-3464.	2.0	69

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19	Uric Acid Therapy Prevents Early Ischemic Stroke Progression. <i>Stroke</i> , 2016, 47, 2874-2876.	2.0	62
20	Vessel Wall Enhancement and Bloodâ€Cerebrospinal Fluid Barrier Disruption After Mechanical Thrombectomy in Acute Ischemic Stroke. <i>Stroke</i> , 2017, 48, 651-657.	2.0	62
21	Single-Center Experience of Cerebral Artery Thrombectomy Using the TREVO Device in 60 Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2012, 43, 1657-1659.	2.0	61
22	Outcomes of a Contemporary Cohort of 536 Consecutive Patients With Acute Ischemic Stroke Treated With Endovascular Therapy. <i>Stroke</i> , 2014, 45, 1046-1052.	2.0	60
23	Uric acid administration in patients with acute stroke: a novel approach to neuroprotection. <i>Expert Review of Neurotherapeutics</i> , 2008, 8, 259-270.	2.8	59
24	Glucose Modifies the Effect of Endovascular Thrombectomy in Patients With Acute Stroke. <i>Stroke</i> , 2019, 50, 690-696.	2.0	52
25	Uric acid therapy improves the outcomes of stroke patients treated with intravenous tissue plasminogen activator and mechanical thrombectomy. <i>International Journal of Stroke</i> , 2017, 12, 377-382.	5.9	51
26	Access to Endovascular Treatment in Remote Areas. <i>Stroke</i> , 2016, 47, 1381-1384.	2.0	48
27	The Urlico-Ictus Study, a Phase 3 Study of Combined Treatment with Uric Acid and rtPA Administered Intravenously in Acute Ischaemic Stroke Patients within the First 4.5 H of Onset of Symptoms. <i>International Journal of Stroke</i> , 2010, 5, 325-328.	5.9	47
28	Multimodal CT-Assisted Thrombolysis in Patients With Acute Stroke. <i>Stroke</i> , 2011, 42, 1129-1131.	2.0	47
29	The Outcome of Patients with Mild Stroke Improves after Treatment with Systemic Thrombolysis. <i>PLoS ONE</i> , 2013, 8, e59420.	2.5	47
30	Complete reperfusion is required for maximal benefits of mechanical thrombectomy in stroke patients. <i>Scientific Reports</i> , 2017, 7, 11636.	3.3	44
31	Mechanical Thrombectomy in and Outside the REVASCAT Trial. <i>Stroke</i> , 2015, 46, 3437-3442.	2.0	41
32	Cerebral Amyloid Angiopathy-Related Atraumatic Convexal Subarachnoid Hemorrhage: An ARIA before the Tsunami. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 710-717.	4.3	39
33	Course of matrix metalloproteinase-9 isoforms after the administration of uric acid in patients with acute stroke. <i>Journal of Neurology</i> , 2009, 256, 651-656.	3.6	37
34	Neuroanatomical correlates of stroke-associated infection and stroke-induced immunodepression. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 142-150.	4.1	37
35	Administration of Uric Acid in the Emergency Treatment of Acute Ischemic Stroke. <i>Current Neurology and Neuroscience Reports</i> , 2016, 16, 4.	4.2	35
36	Impact of COVID-19 Infection on the Outcome of Patients With Ischemic Stroke. <i>Stroke</i> , 2021, 52, 3908-3917.	2.0	35

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37	Perfusion Deficits and Mismatch in Patients with Acute Lacunar Infarcts Studied with Whole-Brain CT Perfusion. <i>American Journal of Neuroradiology</i> , 2015, 36, 1407-1412.	2.4	34
38	Safety and efficacy of GABAA α 5 antagonist S44819 in patients with ischaemic stroke: a multicentre, double-blind, randomised, placebo-controlled trial. <i>Lancet Neurology</i> , The, 2020, 19, 226-233.	10.2	34
39	The response to IV rtPA in very old stroke patients. <i>European Journal of Neurology</i> , 2008, 15, 253-256.	3.3	33
40	Uric acid therapy for vasculoprotection in acute ischemic stroke. <i>Brain Circulation</i> , 2019, 5, 55.	1.8	27
41	Brain hemorrhage after endovascular reperfusion therapy of ischemic stroke: a threshold-finding whole-brain perfusion CT study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 153-165.	4.3	25
42	The accuracy of ischemic core perfusion thresholds varies according to time to recanalization in stroke patients treated with mechanical thrombectomy: A comprehensive whole-brain computed tomography perfusion study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 966-977.	4.3	25
43	Timing and Relevance of Clinical Improvement After Mechanical Thrombectomy in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 1467-1472.	2.0	24
44	Greater infarct growth limiting effect of mechanical thrombectomy in stroke patients with poor collaterals. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 989-993.	3.3	22
45	Uric acid treatment after stroke modulates the Kr α 1/4ppel-like factor 2-VEGF-A axis to protect brain endothelial cell functions: Impact of hypertension. <i>Biochemical Pharmacology</i> , 2019, 164, 115-128.	4.4	22
46	Double hemispheric Microdialysis study in poor-grade SAH patients. <i>Scientific Reports</i> , 2020, 10, 7466.	3.3	18
47	The BC Genotype of the VNTR Polymorphism of Platelet Glycoprotein Ib α Is Overrepresented in Patients with Recurrent Stroke Regardless of Aspirin Therapy. <i>Cerebrovascular Diseases</i> , 2007, 24, 242-246.	1.7	17
48	COVID-19 and Behçet's disease: clinical case series. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, e41-e41.	0.9	17
49	Mechanical thrombectomy in acute basilar artery occlusion: A safety and efficacy single centre study. <i>Interventional Neuroradiology</i> , 2016, 22, 310-317.	1.1	16
50	Parkinsonism "hyperpyrexia syndrome not related to antiparkinsonian treatment withdrawal during the 2003 summer heat wave. <i>Journal of Neurology</i> , 2005, 252, 1116-1119.	3.6	15
51	The Chemical Optimization of Cerebral Embolectomy trial: Study protocol. <i>International Journal of Stroke</i> , 2021, 16, 110-116.	5.9	15
52	Ficolin-1 Levels in Patients Developing Vasospasm and Cerebral Ischemia After Spontaneous Subarachnoid Hemorrhage. <i>Molecular Neurobiology</i> , 2017, 54, 6572-6580.	4.0	14
53	Benefit from mechanical thrombectomy in acute ischemic stroke with fast and slow progression. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 132-135.	3.3	13
54	Carotid stent occlusion after emergent stenting in acute ischemic stroke: Incidence, predictors and clinical relevance. <i>Atherosclerosis</i> , 2020, 313, 8-13.	0.8	13

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55	Large APP locus duplication in a sporadic case of cerebral haemorrhage. <i>Neurogenetics</i> , 2014, 15, 145-149.	1.4	12
56	Prevention of Ischemic Stroke: Antithrombotic Therapy in Cardiac Embolism. <i>Current Drug Targets</i> , 2007, 8, 824-831.	2.1	11
57	Risks and Benefits of Early Antithrombotic Therapy after Thrombolytic Treatment in Patients with Acute Stroke. <i>PLoS ONE</i> , 2013, 8, e71132.	2.5	11
58	Adrenal hormones and circulating leukocyte subtypes in stroke patients treated with reperfusion therapy. <i>Brain, Behavior, and Immunity</i> , 2018, 70, 346-353.	4.1	11
59	Elevated glucose is associated with hemorrhagic transformation after mechanical thrombectomy in acute ischemic stroke patients with severe pretreatment hypoperfusion. <i>Scientific Reports</i> , 2020, 10, 10588.	3.3	11
60	Quantitative versus qualitative blood amount assessment as a predictor for shunt-dependent hydrocephalus following aneurysmal subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2019, 131, 1743-1750.	1.6	11
61	Leukoaraiosis May Confound the Interpretation of CT Perfusion in Patients Treated with Mechanical Thrombectomy for Acute Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2019, 40, 1323-1329.	2.4	10
62	Relevance of Collaterals for the Success of Neuroprotective Therapies in Acute Ischemic Stroke: Insights from the Randomized URICO-ICTUS Trial. <i>Cerebrovascular Diseases</i> , 2019, 47, 171-177.	1.7	10
63	Incidence and Clinico-Radiological Correlations of Early Arterial Reocclusion After Successful Thrombectomy in Acute Ischemic Stroke. <i>Translational Stroke Research</i> , 2020, 11, 1314-1321.	4.2	10
64	Bottlenecks in the Acute Stroke Care System during the COVID-19 Pandemic in Catalonia. <i>Cerebrovascular Diseases</i> , 2021, 50, 551-559.	1.7	10
65	Characterization of Subarachnoid Hyperdensities After Thrombectomy for Acute Stroke Using Dual-Energy CT. <i>Neurology</i> , 2022, 98, .	1.1	10
66	Diffusion Restriction in the Optic Nerve and Retina in Patients With Carotid Occlusion. <i>Neurologist</i> , 2017, 22, 77-79.	0.7	8
67	Valor de la escala ASPECTS de circulación posterior y del Índice puente-mesencéfalo en imágenes de TC sin contraste y angiografía por TC en pacientes con oclusiones de la arteria basilar recanalizados tras trombectomía mecánica. <i>Radiología</i> , 2019, 61, 143-152.	0.5	8
68	Clinical improvement within 24 hours from mechanical thrombectomy as a predictor of long-term functional outcome in a multicenter population-based cohort of patients with ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 119-123.	3.3	8
69	The new Hematoma Maturity Score is highly associated with poor clinical outcome in spontaneous intracerebral hemorrhage. <i>European Radiology</i> , 2022, 32, 290-299.	4.5	7
70	Value of Vascular and Non-Vascular Pattern on Computed Tomography Perfusion in Patients With Acute Isolated Aphasia. <i>Stroke</i> , 2020, 51, 2480-2487.	2.0	6
71	Susceptibility Vessel Sign in Deep Perforating Arteries in Patients with Recent Small Subcortical Infarcts. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105415.	1.6	6
72	Edema Resolution and Clinical Assessment in Poor-Grade Subarachnoid Hemorrhage: Useful Indicators to Predict Delayed Cerebral Infarctions?. <i>Journal of Clinical Medicine</i> , 2021, 10, 321.	2.4	5

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73	Linoleic Acid Status in Cell Membranes Inversely Relates to the Prevalence of Symptomatic Carotid Artery Disease. <i>Stroke</i> , 2021, 52, 703-706.	2.0	5
74	Preclinical randomized controlled multicenter trials in translational stroke research. <i>Annals of Translational Medicine</i> , 2016, 4, S58-S58.	1.7	5
75	Clinical and therapeutic variables may influence the association between infarct core predicted by CT perfusion and clinical outcome in acute stroke. <i>European Radiology</i> , 2022, 32, 4510-4520.	4.5	4
76	Response to Letter Regarding Article, "Uric Acid Therapy Improves Clinical Outcome in Women With Acute Ischemic Stroke". <i>Stroke</i> , 2015, 46, e242.	2.0	3
77	Stroke prevention in patients with arterial hypertension: Recommendations of the Spanish Society of Neurology's Stroke Study Group. <i>Neurología (English Edition)</i> , 2021, 36, 462-471.	0.4	3
78	Venous tortuosity as a novel biomarker of rupture risk in arteriovenous malformations: ARI score. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1220-1225.	3.3	3
79	Progress in cerebrovascular disease research in the last year. <i>Journal of Neurology</i> , 2012, 259, 391-394.	3.6	2
80	Response to Letter Regarding Article, "Relevance of Blood-Brain Barrier Disruption After Endovascular Treatment of Ischemic Stroke: Dual-Energy Computed Tomographic Study". <i>Stroke</i> , 2015, 46, e200.	2.0	2
81	Should uric acid be administered alongside thrombolysis for stroke patients?. <i>Expert Review of Cardiovascular Therapy</i> , 2016, 14, 407-409.	1.5	2
82	Stroke units could be a valid alternative to intensive care units for patients with low-grade aneurysmal subarachnoid haemorrhage. <i>European Journal of Neurology</i> , 2021, 28, 500-508.	3.3	2
83	Stroke prevention in patients with type 2 diabetes mellitus or prediabetes: recommendations of the Spanish Society of Neurology's Stroke Study Group. <i>Neurología (English Edition)</i> , 2021, 36, 305-323.	0.4	2
84	The Role of Vascular Imaging at Referral Centers in the Drip and Ship Paradigm. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106209.	1.6	2
85	Dyslipidemias and stroke prevention: Recommendations of the Study Group of Cerebrovascular Diseases of the Spanish Society of Neurology. <i>Neurología (English Edition)</i> , 2022, 37, 61-72.	0.4	2
86	Viabilidad y eficacia de una estrategia multidimensional para fomentar la actividad física en pacientes con ictus agudo. <i>Fisioterapia</i> , 2018, 40, 51-58.	0.2	1
87	Letter by RenÃ© et al Regarding Article, "Frequency of Blood-Brain Barrier Disruption Postendovascular Therapy and Multiple Thrombectomy Passes in Acute Ischemic Stroke Patients". <i>Stroke</i> , 2019, 50, e311.	2.0	1
88	Letter by Urrea and Amaro Regarding Article, "HbA1c (Glycated Hemoglobin) Levels and Clinical Outcome Post-Mechanical Thrombectomy in Patients With Large Vessel Occlusion". <i>Stroke</i> , 2019, 50, e138.	2.0	1
89	Recommendations of the Spanish Society of Neurology for the prevention of stroke. Interventions on lifestyle and air pollution. <i>Neurología (English Edition)</i> , 2021, 36, 377-387.	0.4	1
90	Use of second generation supraglottic airway device for endovascular treatment of unruptured intracranial aneurysms: a retrospective cohort. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2021, 71, 408-412.	0.4	1

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91	Synthetic MRI in subarachnoid haemorrhage. <i>Clinical Radiology</i> , 2021, 76, 785.e17-785.e23.	1.1	1
92	Urate and neuroprotection trials – Authors' reply. <i>Lancet Neurology</i> , The, 2014, 13, 758-759.	10.2	0
93	Toward Effective Combination Therapy and Pleiotropic Drugs. <i>Springer Series in Translational Stroke Research</i> , 2017, , 401-414.	0.1	0
94	Effectiveness of Thrombectomy in Stroke According to Baseline Prognostic Factors: Inverse Probability of Treatment Weighting Analysis of a Population-Based Registry. <i>Journal of Stroke</i> , 2021, 23, 401-410.	3.2	0