## **Ãngel Chamorro**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2582593/publications.pdf

Version: 2024-02-01

129 papers

10,315 citations

41344 49 h-index 98 g-index

132 all docs

132 docs citations

times ranked

132

11398 citing authors

#	Article	IF	CITATIONS
1	Time to Treatment With Endovascular Thrombectomy and Outcomes From Ischemic Stroke: A Meta-analysis. JAMA - Journal of the American Medical Association, 2016, 316, 1279.	7.4	1,617
2	Neuroprotection in acute stroke: targeting excitotoxicity, oxidative and nitrosative stress, and inflammation. Lancet Neurology, The, 2016, 15, 869-881.	10.2	842
3	The immunology of acute stroke. Nature Reviews Neurology, 2012, 8, 401-410.	10.1	527
4	Infection After Acute Ischemic Stroke. Stroke, 2007, 38, 1097-1103.	2.0	350
5	Neutrophil recruitment to the brain in mouse and human ischemic stroke. Acta Neuropathologica, 2015, 129, 239-257.	7.7	307
6	Diagnosis of Stroke-Associated Pneumonia. Stroke, 2015, 46, 2335-2340.	2.0	275
7	Levels of Anti-Inflammatory Cytokines and Neurological Worsening in Acute Ischemic Stroke. Stroke, 2003, 34, 671-675.	2.0	256
8	The Harms and Benefits of Inflammatory and Immune Responses in Vascular Disease. Stroke, 2006, 37, 291-293.	2.0	239
9	Neutrophil Infiltration Increases Matrix Metalloproteinase-9 in the Ischemic Brain after Occlusion/Reperfusion of the Middle Cerebral Artery in Rats. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 1430-1440.	4.3	221
10	Safety and efficacy of uric acid in patients with acute stroke (URICO-ICTUS): a randomised, double-blind phase 2b/3 trial. Lancet Neurology, The, 2014, 13, 453-460.	10.2	218
11	Prognostic Significance of Uric Acid Serum Concentration in Patients With Acute Ischemic Stroke. Stroke, 2002, 33, 1048-1052.	2.0	214
12	Acute Stroke Care Is at Risk in the Era of COVID-19. Stroke, 2020, 51, 1991-1995.	2.0	210
13	Monocyte Subtypes Predict Clinical Course and Prognosis in Human Stroke. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 994-1002.	4.3	185
14	Terutroban versus aspirin in patients with cerebral ischaemic events (PERFORM): a randomised, double-blind, parallel-group trial. Lancet, The, 2011, 377, 2013-2022.	13.7	185
15	Monocytes Are Major Players in the Prognosis and Risk of Infection After Acute Stroke. Stroke, 2009, 40, 1262-1268.	2.0	168
16	Catecholamines, infection, and death in acute ischemic stroke. Journal of the Neurological Sciences, 2007, 252, 29-35.	0.6	166
17	Uric Acid Reduces Brain Damage and Improves the Benefits of rt-PA in a Rat Model of Thromboembolic Stroke. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 14-20.	4.3	160
18	Brain-Derived Antigens in Lymphoid Tissue of Patients with Acute Stroke. Journal of Immunology, 2012, 188, 2156-2163.	0.8	138

#	Article	IF	CITATIONS
19	Clinical Consequences of Infection in Patients With Acute Stroke. Stroke, 2006, 37, 461-465.	2.0	134
20	Effect of Intra-arterial Alteplase vs Placebo Following Successful Thrombectomy on Functional Outcomes in Patients With Large Vessel Occlusion Acute Ischemic Stroke. JAMA - Journal of the American Medical Association, 2022, 327, 826.	7.4	132
21	Role of Inflammation in Stroke and Atherothrombosis. Cerebrovascular Diseases, 2004, 17, 1-5.	1.7	128
22	Genetically-Defined Deficiency of Mannose-Binding Lectin Is Associated with Protection after Experimental Stroke in Mice and Outcome in Human Stroke. PLoS ONE, 2010, 5, e8433.	2 <b>.</b> 5	128
23	How Is Pneumonia Diagnosed in Clinical Stroke Research?. Stroke, 2015, 46, 1202-1209.	2.0	124
24	Immature monocytes recruited to the ischemic mouse brain differentiate into macrophages with features of alternative activation. Brain, Behavior, and Immunity, 2016, 53, 18-33.	4.1	111
25	A Pilot Study of Dual Treatment With Recombinant Tissue Plasminogen Activator and Uric Acid in Acute Ischemic Stroke. Stroke, 2007, 38, 2173-2175.	2.0	110
26	Anti-VCAM-1 Antibodies did not Protect against Ischemic Damage Either in Rats Or in Mice. Journal of Cerebral Blood Flow and Metabolism, 2006, 26, 421-432.	4.3	104
27	Uric Acid Therapy Improves Clinical Outcome in Women With Acute Ischemic Stroke. Stroke, 2015, 46, 2162-2167.	2.0	103
28	Uric Acid Levels Are Relevant in Patients With Stroke Treated With Thrombolysis. Stroke, 2011, 42, S28-32.	2.0	100
29	Relevance of Blood–Brain Barrier Disruption After Endovascular Treatment of Ischemic Stroke. Stroke, 2015, 46, 673-679.	2.0	96
30	Oral anticoagulant-associated intracerebral hemorrhage. Journal of Neurology, 2012, 259, 212-224.	3.6	91
31	Uric acid improves glucoseâ€driven oxidative stress in human ischemic stroke. Annals of Neurology, 2015, 77, 775-783.	<b>5.</b> 3	88
32	Effect of Direct Transportation to Thrombectomy-Capable Center vs Local Stroke Center on Neurological Outcomes in Patients With Suspected Large-Vessel Occlusion Stroke in Nonurban Areas. JAMA - Journal of the American Medical Association, 2022, 327, 1782.	7.4	86
33	Preserving stroke care during the COVID-19 pandemic. Neurology, 2020, 95, 124-133.	1.1	82
34	The future of neuroprotection in stroke. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 129-135.	1.9	82
35	CNS-border associated macrophages respond to acute ischemic stroke attracting granulocytes and promoting vascular leakage. Acta Neuropathologica Communications, 2018, 6, 76.	5.2	78
36	Safety and efficacy of thrombectomy in acute ischaemic stroke (REVASCAT): 1-year follow-up of a randomised open-label trial. Lancet Neurology, The, 2017, 16, 369-376.	10.2	74

#	Article	IF	Citations
37	Translational Stroke Research of the Combination of Thrombolysis and Antioxidant Therapy. Stroke, 2011, 42, 1495-1499.	2.0	73
38	Cerebral Venous Sinus Thrombosis in COVID-19 Patients: A Multicenter Study and Review of Literature. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105733.	1.6	71
39	Leukocytes, Collateral Circulation, and Reperfusion in Ischemic Stroke Patients Treated With Mechanical Thrombectomy. Stroke, 2019, 50, 3456-3464.	2.0	69
40	Middle cerebral artery remodeling following transient brain ischemia is linked to early postischemic hyperemia: A target of uric acid treatment. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H862-H874.	3.2	68
41	Transfer to the Local Stroke Center versus Direct Transfer to Endovascular Center of Acute Stroke Patients with Suspected Large Vessel Occlusion in the Catalan Territory (RACECAT): Study protocol of a cluster randomized within a cohort trial. International Journal of Stroke, 2019, 14, 734-744.	5.9	63
42	Uric Acid Therapy Prevents Early Ischemic Stroke Progression. Stroke, 2016, 47, 2874-2876.	2.0	62
43	Vessel Wall Enhancement and Blood–Cerebrospinal Fluid Barrier Disruption After Mechanical Thrombectomy in Acute Ischemic Stroke. Stroke, 2017, 48, 651-657.	2.0	62
44	Uric acid administration in patients with acute stroke: a novel approach to neuroprotection. Expert Review of Neurotherapeutics, 2008, 8, 259-270.	2.8	59
45	Prognostic Significance of Infarct Size and Location: The Case of Insular Stroke. Scientific Reports, 2018, 8, 9498.	3.3	59
46	TP Receptor Antagonism: A New Concept in Atherothrombosis and Stroke Prevention. Cerebrovascular Diseases, 2009, 27, 20-27.	1.7	58
47	Brain stem reflexes in patients with Wallenberg's syndrome: Correlation with clinical and magnetic resonance imaging (MRI) findings. Muscle and Nerve, 1996, 19, 1093-1099.	2.2	56
48	Antigen-specific immune reactions to ischemic stroke. Frontiers in Cellular Neuroscience, 2014, 8, 278.	3.7	54
49	Glucose Modifies the Effect of Endovascular Thrombectomy in Patients With Acute Stroke. Stroke, 2019, 50, 690-696.	2.0	52
50	Uric acid therapy improves the outcomes of stroke patients treated with intravenous tissue plasminogen activator and mechanical thrombectomy. International Journal of Stroke, 2017, 12, 377-382.	5.9	51
51	The Urico-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. International Journal of Stroke, 2010, 5, 325-328.	5.9	47
52	The Outcome of Patients with Mild Stroke Improves after Treatment with Systemic Thrombolysis. PLoS ONE, 2013, 8, e59420.	2.5	47
53	Regulatory T cells protect the brain after stroke. Nature Medicine, 2009, 15, 138-139.	30.7	45
54	Uric acid administration for neuroprotection in patients with acute brain ischemia. Medical Hypotheses, 2004, 62, 173-176.	1.5	44

#	Article	IF	CITATIONS
55	Complete reperfusion is required for maximal benefits of mechanical thrombectomy in stroke patients. Scientific Reports, 2017, 7, 11636.	3.3	44
56	Mechanical Thrombectomy in and Outside the REVASCAT Trial. Stroke, 2015, 46, 3437-3442.	2.0	41
57	Clinical risk scores for predicting stroke-associated pneumonia: A systematic review. European Stroke Journal, 2016, 1, 76-84.	5.5	39
58	T Cells Prevent Hemorrhagic Transformation in Ischemic Stroke by P-Selectin Binding. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1761-1771.	2.4	38
59	Neuroprotectants in the Era of Reperfusion Therapy. Journal of Stroke, 2018, 20, 197-207.	3.2	38
60	Course of matrix metalloproteinase-9 isoforms after the administration of uric acid in patients with acute stroke. Journal of Neurology, 2009, 256, 651-656.	3.6	37
61	Neuroanatomical correlates of stroke-associated infection and stroke-induced immunodepression. Brain, Behavior, and Immunity, 2017, 60, 142-150.	4.1	37
62	Characteristics of Recurrent Ischemic Stroke After Embolic Stroke of Undetermined Source. JAMA Neurology, 2020, 77, 1233.	9.0	37
63	Mechanical Thrombectomy for Acute Ischemic Stroke Secondary to Infective Endocarditis. Clinical Infectious Diseases, 2018, 66, 1286-1289.	5.8	36
64	Administration of Uric Acid in the Emergency Treatment of Acute Ischemic Stroke. Current Neurology and Neuroscience Reports, 2016, 16, 4.	4.2	35
65	Microbiological Etiologies of Pneumonia Complicating Stroke. Stroke, 2018, 49, 1602-1609.	2.0	31
66	Antigen Presentation After Stroke. Neurotherapeutics, 2016, 13, 719-728.	4.4	29
67	Unfractionated heparin is associated with a lower rise of serum vascular cell adhesion molecule-1 in acute ischemic stroke patients. Neuroscience Letters, 2002, 328, 229-232.	2.1	27
68	Stroke Induced Immunodepression Syndrome: From Bench to Bedside. Current Molecular Medicine, 2009, 9, 195-202.	1.3	27
69	Uric acid therapy for vasculoprotection in acute ischemic stroke. Brain Circulation, 2019, 5, 55.	1.8	27
70	Emergent Uric Acid Treatment is Synergistic with Mechanical Recanalization in Improving Stroke Outcomes in Male and Female Rats. Neuroscience, 2018, 388, 263-273.	2.3	26
71	Brain hemorrhage after endovascular reperfusion therapy of ischemic stroke: a threshold-finding whole-brain perfusion CT study. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 153-165.	4.3	25
72	Evaluation of white matter hypodensities on computed tomography in stroke patients using the Fazekas score. Clinical Imaging, 2017, 46, 24-27.	1.5	25

#	Article	IF	CITATIONS
73	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. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 966-977.	4.3	25
74	Antigen-Dependent T Cell Response to Neural Peptides After Human Ischemic Stroke. Frontiers in Cellular Neuroscience, 2020, $14$ , 206.	3.7	25
75	Timing and Relevance of Clinical Improvement After Mechanical Thrombectomy in Patients With Acute Ischemic Stroke. Stroke, 2019, 50, 1467-1472.	2.0	24
76	Uric Acid Neuroprotection Associated to IL-6/STAT3 Signaling Pathway Activation in Rat Ischemic Stroke. Molecular Neurobiology, 2021, 58, 408-423.	4.0	23
77	Safety and Optimal Neuroprotection of neu2000 in acute Ischemic stroke with reCanalization: study protocol for a randomized, double-blinded, placebo-controlled, phase-II trial. Trials, 2018, 19, 375.	1.6	22
78	Antibiotic treatment for pneumonia complicating stroke: Recommendations from the pneumonia in stroke consensus (PISCES) group. European Stroke Journal, 2019, 4, 318-328.	5.5	22
79	Greater infarct growth limiting effect of mechanical thrombectomy in stroke patients with poor collaterals. Journal of NeuroInterventional Surgery, 2019, 11, 989-993.	3.3	22
80	Uric acid treatment after stroke modulates the Kr $\tilde{A}\frac{1}{4}$ ppel-like factor 2-VEGF-A axis to protect brain endothelial cell functions: Impact of hypertension. Biochemical Pharmacology, 2019, 164, 115-128.	4.4	22
81	Non-cardioembolic stroke/transient ischaemic attack in Asians and non-Asians: A post-hoc analysis of the PERFORM study. European Stroke Journal, 2019, 4, 65-74.	5.5	17
82	Cortical blindness in preeclampsia: Diagnostic evaluation by transcranial Doppler and magnetic resonance imaging techniques. Acta Obstetricia Et Gynecologica Scandinavica, 1995, 74, 642-644.	2.8	16
83	Cerebral perfusion and compensatory blood supply in patients with recent small subcortical infarcts. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1326-1335.	4.3	16
84	Uric Acid Treatment After Stroke Prevents Long-Term Middle Cerebral Artery Remodelling and Attenuates Brain Damage in Spontaneously Hypertensive Rats. Translational Stroke Research, 2020, 11, 1332-1347.	4.2	16
85	Stroke network performance during the first COVID-19 pandemic stage: A meta-analysis based on stroke network models. International Journal of Stroke, 2021, 16, 771-783.	5.9	16
86	Disparities in Inter-hospital Helicopter Transportation for Hispanics by Geographic Region: A Threat to Fairness in the Era of Thrombectomy. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 550-556.	1.6	15
87	The Chemical Optimization of Cerebral Embolectomy trial: Study protocol. International Journal of Stroke, 2021, 16, 110-116.	5.9	15
88	Ficolin-1 Levels in Patients Developing Vasospasm and Cerebral Ischemia After Spontaneous Subarachnoid Hemorrhage. Molecular Neurobiology, 2017, 54, 6572-6580.	4.0	14
89	Thalamic perforating artery stroke on computed tomography perfusion in a patient with coronavirus disease 2019. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104974.	1.6	14
90	Preventive antibiotic therapy in acute stroke patients: A systematic review and meta-analysis of individual patient data of randomized controlled trials. European Stroke Journal, 2021, 6, 385-394.	5.5	14

#	Article	IF	CITATIONS
91	Benefit from mechanical thrombectomy in acute ischemic stroke with fast and slow progression. Journal of NeuroInterventional Surgery, 2020, 12, 132-135.	3.3	13
92	Carotid stent occlusion after emergent stenting in acute ischemic stroke: Incidence, predictors and clinical relevance. Atherosclerosis, 2020, 313, 8-13.	0.8	13
93	Left Atrial Function Is Impaired in Some Patients With Stroke of Undetermined Etiology: Potential Implications for Evaluation and Therapy. Revista Espanola De Cardiologia (English Ed ), 2016, 69, 650-656.	0.6	12
94	Risks and Benefits of Early Antithrombotic Therapy after Thrombolytic Treatment in Patients with Acute Stroke. PLoS ONE, 2013, 8, e71132.	2.5	11
95	Adrenal hormones and circulating leukocyte subtypes in stroke patients treated with reperfusion therapy. Brain, Behavior, and Immunity, 2018, 70, 346-353.	4.1	11
96	Elevated glucose is associated with hemorrhagic transformation after mechanical thrombectomy in acute ischemic stroke patients with severe pretreatment hypoperfusion. Scientific Reports, 2020, 10, 10588.	3.3	11
97	Relevance of Collaterals for the Success of Neuroprotective Therapies in Acute Ischemic Stroke: Insights from the Randomized URICO-ICTUS Trial. Cerebrovascular Diseases, 2019, 47, 171-177.	1.7	10
98	"Incidence and Clinico-Radiological Correlations of Early Arterial Reocclusion After Successful Thrombectomy in Acute Ischemic Stroke― Translational Stroke Research, 2020, 11, 1314-1321.	4.2	10
99	Characterization of Subarachnoid Hyperdensities After Thrombectomy for Acute Stroke Using Dual-Energy CT. Neurology, 2022, 98, .	1.1	10
100	Presence of heat shock protein 70 in secondary lymphoid tissue correlates with stroke prognosis. Journal of Neuroimmunology, 2014, 270, 67-74.	2.3	9
101	Antibodies against neural antigens in patients with acute stroke: joint results of three independent cohort studies. Journal of Neurology, 2019, 266, 2772-2779.	3.6	9
102	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. Journal of NeuroInterventional Surgery, 2021, 13, 119-123.	3.3	8
103	Emerging issues in acute ischemic stroke. Journal of Neurology, 2013, 260, 1687-1692.	3.6	7
104	Frequency and Predictors of Major Bleeding in Patients With Embolic Strokes of Undetermined Source. Stroke, 2020, 51, 2139-2147.	2.0	7
105	Stroke-Induced Immunodepression Is a Marker of Severe Brain Damage. Stroke, 2010, 41, e110; author reply e111.	2.0	6
106	Value of Vascular and Non-Vascular Pattern on Computed Tomography Perfusion in Patients With Acute Isolated Aphasia. Stroke, 2020, 51, 2480-2487.	2.0	6
107	Susceptibility Vessel Sign in Deep Perforating Arteries in Patients with Recent Small Subcortical Infarcts. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105415.	1.6	6
108	Intra-arterial Alteplase vs Placebo After Successful Thrombectomy and Functional Outcomes in Patients With Large Vessel Occlusion Acute Ischemic Stroke—Reply. JAMA - Journal of the American Medical Association, 2022, 327, 2456.	7.4	6

#	Article	lF	Citations
109	Altered Brain Computed Tomography Perfusion in Patients With Fluctuating Lacunar Syndrome and Normal Magnetic Resonance Imaging. JAMA Neurology, 2016, 73, 348.	9.0	5
110	Influence of Hospital Type on Outcomes of Individuals Aged 80 and Older with Stroke Treated Using Intravenous Thrombolysis. Journal of the American Geriatrics Society, 2017, 65, E117-E122.	2.6	4
111	Clinical and therapeutic variables may influence the association between infarct core predicted by CT perfusion and clinical outcome in acute stroke. European Radiology, 2022, 32, 4510-4520.	4.5	4
112	Letter by Urra et al Regarding Article, "Autoimmune Responses to the Brain After Stroke Are Associated With Worse Outcomeâ€, Stroke, 2012, 43, e26; author reply e27-8.	2.0	3
113	Response to Letter Regarding Article, "Uric Acid Therapy Improves Clinical Outcome in Women With Acute Ischemic Stroke― Stroke, 2015, 46, e242.	2.0	3
114	Early Brain Volume Changes After Stroke: Subgroup Analysis From the AXIS-2 Trial. Frontiers in Neurology, 2021, 12, 747343.	2.4	3
115	Evolution of quality indicators in acute stroke during the RACECAT Trial: impact in the general population. International Journal of Stroke, 2022, , 174749302210935.	5.9	3
116	Progress in cerebrovascular disease research in the last year. Journal of Neurology, 2012, 259, 391-394.	3.6	2
117	Second European Stroke Science Workshop. Stroke, 2014, 45, e113-22.	2.0	2
118	Response to Letter Regarding Article, "Relevance of Blood–Brain Barrier Disruption After Endovascular Treatment of Ischemic Stroke: Dual-Energy Computed Tomographic Study― Stroke, 2015, 46, e200.	2.0	2
119	Should uric acid be administered alongside thrombolysis for stroke patients?. Expert Review of Cardiovascular Therapy, 2016, 14, 407-409.	1.5	2
120	Different Perfusion Patterns in a Patient with Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, e83-e84.	1.6	2
121	Raising serum urate levels in Parkinson disease. Neurology, 2019, 93, 611-612.	1.1	1
122	Urate and neuroprotection trials – Authors' reply. Lancet Neurology, The, 2014, 13, 758-759.	10.2	0
123	Computed Tomography Perfusion and Diffusion-Weighted Imaging in Patients With Acute Strokeâ€"Reply. JAMA Neurology, 2016, 73, 1032.	9.0	0
124	Toward Effective Combination Therapy and Pleiotropic Drugs. Springer Series in Translational Stroke Research, 2017, , 401-414.	0.1	0
125	Reply to Cuervo et al. Clinical Infectious Diseases, 2018, 67, 1146-1147.	5.8	0
126	Effectiveness of Thrombectomy in Stroke According to Baseline Prognostic Factors: Inverse Probability of Treatment Weighting Analysis of a Population-Based Registry. Journal of Stroke, 2021, 23, 401-410.	3.2	0

## ÃNGEL CHAMORRO

#	Article	IF	CITATIONS
127	Uric acid improves the beneficial effects of rt-PA in a rat model of thromboembolic ischemia. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S129-S129.	4.3	0
128	Neuropathological features underlying different degrees of MRI signal intensity changes during reperfusion after transient focal ischemia in the rat. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S347-S347.	4.3	0
129	The adverse effects of hyperglycemia during transient focal ischemia in rats are not attributable to increased plasma corticosteroids or neutrophil infiltration. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S89-S89.	4.3	0