Xabier Urra

List of Publications by Year
in descending order

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129 papers	11,694 citations	57758 44 h-index	29157 104 g-index
130 all docs	130 docs citations	130 times ranked	12361 citing authors

#	Article	IF	Citations
1	Thrombectomy within 8 Hours after Symptom Onset in Ischemic Stroke. New England Journal of Medicine, 2015, 372, 2296-2306.	27.0	4,059
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	Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data. Lancet Neurology, The, 2018, 17, 895-904.	10.2	281
7	Penumbral imaging and functional outcome in patients with anterior circulation ischaemic stroke treated with endovascular thrombectomy versus medical therapy: a meta-analysis of individual patient-level data. Lancet Neurology, The, 2019, 18, 46-55.	10.2	276
8	Acute Stroke Care Is at Risk in the Era of COVID-19. Stroke, 2020, 51, 1991-1995.	2.0	210
9	Effect of general anaesthesia on functional outcome in patients with anterior circulation ischaemic stroke having endovascular thrombectomy versus standard care: a meta-analysis of individual patient data. Lancet Neurology, The, 2018, 17, 47-53.	10.2	205
10	Harms and benefits of lymphocyte subpopulations in patients with acute stroke. Neuroscience, 2009, 158, 1174-1183.	2.3	189
11	Monocyte Subtypes Predict Clinical Course and Prognosis in Human Stroke. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 994-1002.	4.3	185
12	Final Infarct Volume Is a Stronger Predictor of Outcome Than Recanalization in Patients With Proximal Middle Cerebral Artery Occlusion Treated With Endovascular Therapy. Stroke, 2012, 43, 3238-3244.	2.0	170
13	Monocytes Are Major Players in the Prognosis and Risk of Infection After Acute Stroke. Stroke, 2009, 40, 1262-1268.	2.0	168
14	Rivaroxaban or aspirin for patent foramen ovale and embolic stroke of undetermined source: a prespecified subgroup analysis from the NAVIGATE ESUS trial. Lancet Neurology, The, 2018, 17, 1053-1060.	10.2	146
15	Thrombectomy for anterior circulation stroke beyond 6 h from time last known well (AURORA): a systematic review and individual patient data meta-analysis. Lancet, The, 2022, 399, 249-258.	13.7	144
16	Brain-Derived Antigens in Lymphoid Tissue of Patients with Acute Stroke. Journal of Immunology, 2012, 188, 2156-2163.	0.8	138
17	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
18	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.	2.5	128

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19	Cerebrovascular events and outcomes in hospitalized patients with COVID-19: The SVIN COVID-19 Multinational Registry. International Journal of Stroke, 2021, 16, 437-447.	5.9	114
20	Association Between Time to Reperfusion and Outcome Is Primarily Driven by the Time From Imaging to Reperfusion. Stroke, 2016, 47, 999-1004.	2.0	113
21	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
22	Uric Acid Therapy Improves Clinical Outcome in Women With Acute Ischemic Stroke. Stroke, 2015, 46, 2162-2167.	2.0	103
23	Uric Acid Levels Are Relevant in Patients With Stroke Treated With Thrombolysis. Stroke, 2011, 42, S28-32.	2.0	100
24	Relevance of Bloodâ€“Brain Barrier Disruption After Endovascular Treatment of Ischemic Stroke. Stroke, 2015, 46, 673-679.	2.0	96
25	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
26	CNS-border associated macrophages respond to acute ischemic stroke attracting granulocytes and promoting vascular leakage. Acta Neuropathologica Communications, 2018, 6, 76.	5.2	78
27	Outcomes After Direct Thrombectomy or Combined Intravenous and Endovascular Treatment Are Not Different. Stroke, 2017, 48, 375-378.	2.0	77
28	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
29	The Potential Impact of Neuroimaging and Translational Research on the Clinical Management of Lacunar Stroke. International Journal of Molecular Sciences, 2022, 23, 1497.	4.1	74
30	Leukocytes, Collateral Circulation, and Reperfusion in Ischemic Stroke Patients Treated With Mechanical Thrombectomy. Stroke, 2019, 50, 3456-3464.	2.0	69
31	Telestroke-Guided Intravenous Tissue-Type Plasminogen Activator Treatment Achieves a Similar Clinical Outcome as Thrombolysis at a Comprehensive Stroke Center. Stroke, 2011, 42, 3291-3293.	2.0	66
32	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
33	Uric Acid Therapy Prevents Early Ischemic Stroke Progression. Stroke, 2016, 47, 2874-2876.	2.0	62
34	Vessel Wall Enhancement and Bloodâ€“Cerebrospinal Fluid Barrier Disruption After Mechanical Thrombectomy in Acute Ischemic Stroke. Stroke, 2017, 48, 651-657.	2.0	62
35	Single-Center Experience of Cerebral Artery Thrombectomy Using the TREVO Device in 60 Patients With Acute Ischemic Stroke. Stroke, 2012, 43, 1657-1659.	2.0	61
36	Outcomes of a Contemporary Cohort of 536 Consecutive Patients With Acute Ischemic Stroke Treated With Endovascular Therapy. Stroke, 2014, 45, 1046-1052.	2.0	60

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37	Prognostic Significance of Infarct Size and Location: The Case of Insular Stroke. Scientific Reports, 2018, 8, 9498.	3.3	59
38	Endovascular treatment for M2 occlusions in the era of stentrievers: a descriptive multicenter experience. Journal of NeuroInterventional Surgery, 2015, 7, 234-237.	3.3	55
39	Antigen-specific immune reactions to ischemic stroke. Frontiers in Cellular Neuroscience, 2014, 8, 278.	3.7	54
40	Medical and Endovascular Treatment of Patients with Large Vessel Occlusion Presenting with Mild Symptoms: An Observational Multicenter Study. Cerebrovascular Diseases, 2014, 38, 418-424.	1.7	54
41	Dendritic cells in brain diseases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 352-367.	3.8	51
42	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
43	Access to Endovascular Treatment in Remote Areas. Stroke, 2016, 47, 1381-1384.	2.0	48
44	Revalidation of the RACE scale after its regional implementation in Catalonia: a triage tool for large vessel occlusion. Journal of NeuroInterventional Surgery, 2019, 11, 751-756.	3.3	48
45	Multimodal CT-Assisted Thrombolysis in Patients With Acute Stroke. Stroke, 2011, 42, 1129-1131.	2.0	47
46	The Outcome of Patients with Mild Stroke Improves after Treatment with Systemic Thrombolysis. PLoS ONE, 2013, 8, e59420.	2.5	47
47	Deep Learning Based Software to Identify Large Vessel Occlusion on Noncontrast Computed Tomography. Stroke, 2020, 51, 3133-3137.	2.0	47
48	Stroke etiologies in patients with COVID-19: the SVIN COVID-19 multinational registry. BMC Neurology, 2021, 21, 43.	1.8	47
49	Excitability of subcortical motor circuits in Go/noGo and forced choice reaction time tasks. Neuroscience Letters, 2006, 406, 66-70.	2.1	45
50	Complete reperfusion is required for maximal benefits of mechanical thrombectomy in stroke patients. Scientific Reports, 2017, 7, 11636.	3.3	44
51	Intravenous thrombolysis or endovascular therapy for acute ischemic stroke associated with cervical internal carotid artery occlusion: the ICARO-3 study. Journal of Neurology, 2015, 262, 459-468.	3.6	43
52	Mechanical Thrombectomy in and Outside the REVASCAT Trial. Stroke, 2015, 46, 3437-3442.	2.0	41
53	Role of the S1P pathway and inhibition by fingolimod in preventing hemorrhagic transformation after stroke. Scientific Reports, 2019, 9, 8309.	3.3	39
54	T Cells Prevent Hemorrhagic Transformation in Ischemic Stroke by P-Selectin Binding. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1761-1771.	2.4	38

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55	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
56	Neuroanatomical correlates of stroke-associated infection and stroke-induced immunodepression. Brain, Behavior, and Immunity, 2017, 60, 142-150.	4.1	37
57	Mechanical Thrombectomy for Acute Ischemic Stroke Secondary to Infective Endocarditis. Clinical Infectious Diseases, 2018, 66, 1286-1289.	5.8	36
58	Perfusion Deficits and Mismatch in Patients with Acute Lacunar Infarcts Studied with Whole-Brain CT Perfusion. American Journal of Neuroradiology, 2015, 36, 1407-1412.	2.4	34
59	Complex brain circuits studied via simultaneous and permanent detection of three transported neuroanatomical tracers in the same histological section. Journal of Neuroscience Methods, 2000, 103, 127-135.	2.5	33
60	The response to IV rtâ€PA in very old stroke patients. European Journal of Neurology, 2008, 15, 253-256.	3.3	33
61	Estimated GFR and the Effect of Intensive Blood Pressure Lowering After Acute Intracerebral Hemorrhage. American Journal of Kidney Diseases, 2016, 68, 94-102.	1.9	31
62	Healthy Life-Year Costs of Treatment Speed From Arrival to Endovascular Thrombectomy in Patients With Ischemic Stroke. JAMA Neurology, 2021, 78, 709.	9.0	30
63	Antigen Presentation After Stroke. Neurotherapeutics, 2016, 13, 719-728.	4.4	29
64	Stroke Induced Immunodepression Syndrome: From Bench to Bedside. Current Molecular Medicine, 2009, 9, 195-202.	1.3	27
65	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
66	Evaluation of white matter hypodensities on computed tomography in stroke patients using the Fazekas score. Clinical Imaging, 2017, 46, 24-27.	1.5	25
67	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
68	Antigen-Dependent T Cell Response to Neural Peptides After Human Ischemic Stroke. Frontiers in Cellular Neuroscience, 2020, 14, 206.	3.7	25
69	Higher Solar Irradiance Is Associated With a Lower Incidence of Coronavirus Disease 2019. Clinical Infectious Diseases, 2020, 71, 2269-2271.	5.8	25
70	European Multicenter Study of ET-COVID-19. Stroke, 2021, 52, 31-39.	2.0	25
71	Timing and Relevance of Clinical Improvement After Mechanical Thrombectomy in Patients With Acute Ischemic Stroke. Stroke, 2019, 50, 1467-1472.	2.0	24
72	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

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73	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
74	Outcomes after endovascular treatment for anterior circulation stroke presenting as wake-up strokes are not different than those with witnessed onset beyond 8â€…hours. Journal of NeuroInterventional Surgery, 2015, 7, 875-880.	3.3	20
75	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
76	Characteristics of a COVID-19 Cohort With Large Vessel Occlusion: A Multicenter International Study. Neurosurgery, 2022, 90, 725-733.	1.1	16
77	Hemichorea as Presentation of Acute Cortical Ischemic Stroke. Case Series and Review of the Literature. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 105150.	1.6	15
78	The Chemical Optimization of Cerebral Embolectomy trial: Study protocol. International Journal of Stroke, 2021, 16, 110-116.	5.9	15
79	Posterior Reversible Encephalopathy Syndrome in COVID-19 Disease: a Case-Report. SN Comprehensive Clinical Medicine, 2020, 2, 1900-1902.	0.6	14
80	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
81	Benefit from mechanical thrombectomy in acute ischemic stroke with fast and slow progression. Journal of NeuroInterventional Surgery, 2020, 12, 132-135.	3.3	13
82	Carotid stent occlusion after emergent stenting in acute ischemic stroke: Incidence, predictors and clinical relevance. Atherosclerosis, 2020, 313, 8-13.	0.8	13
83	Predictors of Endovascular Treatment Among Stroke Codes Activated Within 6 Hours From Symptom Onset. Stroke, 2018, 49, 2116-2121.	2.0	12
84	Risks and Benefits of Early Antithrombotic Therapy after Thrombolytic Treatment in Patients with Acute Stroke. PLoS ONE, 2013, 8, e71132.	2.5	11
85	Adrenal hormones and circulating leukocyte subtypes in stroke patients treated with reperfusion therapy. Brain, Behavior, and Immunity, 2018, 70, 346-353.	4.1	11
86	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
87	Functional Outcome After Primary Endovascular Therapy or IV Thrombolysis Alone for Stroke. An Observational, Comparative Effectiveness Study. Cerebrovascular Diseases, 2014, 38, 328-336.	1.7	10
88	Leukoaraiosis May Confound the Interpretation of CT Perfusion in Patients Treated with Mechanical Thrombectomy for Acute Ischemic Stroke. American Journal of Neuroradiology, 2019, 40, 1323-1329.	2.4	10
89	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
90	â€œIncidence and Clinico-Radiological Correlations of Early Arterial Reocclusion After Successful Thrombectomy in Acute Ischemic Strokeâ€• Translational Stroke Research, 2020, 11, 1314-1321.	4.2	10

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91	Bottlenecks in the Acute Stroke Care System during the COVID-19 Pandemic in Catalonia. Cerebrovascular Diseases, 2021, 50, 551-559.	1.7	10
92	Characterization of Subarachnoid Hyperdensities After Thrombectomy for Acute Stroke Using Dual-Energy CT. Neurology, 2022, 98, .	1.1	10
93	Presence of heat shock protein 70 in secondary lymphoid tissue correlates with stroke prognosis. Journal of Neuroimmunology, 2014, 270, 67-74.	2.3	9
94	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
95	Isolated frontal disequilibrium as presenting form of anti-Hu paraneoplastic encephalomyelitis. Movement Disorders, 2007, 22, 736-738.	3.9	8
96	Diffusion Restriction in the Optic Nerve and Retina in Patients With Carotid Occlusion. Neurologist, 2017, 22, 77-79.	0.7	8
97	Clinical and neuroimaging criteria to improve the workflow in transfers for endovascular treatment evaluation. International Journal of Stroke, 2020, 15, 988-994.	5.9	8
98	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
99	Emerging issues in acute ischemic stroke. Journal of Neurology, 2013, 260, 1687-1692.	3.6	7
100	Higher Cerebral Small Vessel Disease Burden in Patients with White Matter Recent Small Subcortical Infarcts. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105824.	1.6	7
101	Stroke-Induced Immunodepression Is a Marker of Severe Brain Damage. Stroke, 2010, 41, e110; author reply e111.	2.0	6
102	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
103	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
104	International controlled study of revascularization and outcomes following <scp>COVIDâ€positive</scp> mechanical thrombectomy. European Journal of Neurology, 2022, 29, 3273-3287.	3.3	6
105	Altered Brain Computed Tomography Perfusion in Patients With Fluctuating Lacunar Syndrome and Normal Magnetic Resonance Imaging. JAMA Neurology, 2016, 73, 348.	9.0	5
106	Geographic dissemination of endovascular stroke thrombectomy in Catalonia within the 2011â€“2015 period. European Stroke Journal, 2017, 2, 163-170.	5.5	5
107	Frequency and outcome of total anterior circulation strokes without intracranial largeâ€vessel occlusion. European Journal of Neurology, 2017, 24, 11-17.	3.3	5
108	Anatomical Variations of Brain Venous Sinuses in Patients with Arteriovenous Malformations: Incidental Finding or Causative Factor?. World Neurosurgery, 2018, 113, e465-e470.	1.3	5

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109	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
110	Letter by Urra et al Regarding Article, â€œAutoimmune Responses to the Brain After Stroke Are Associated With Worse Outcomeâ€• Stroke, 2012, 43, e26; author reply e27-8.	2.0	3
111	Different Perfusion Patterns in a Patient with Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, e83-e84.	1.6	2
112	Spinal cord hemodynamic infarction after vertebral artery endovascular trapping despite preserved flow in the anterior spinal artery. Journal of Spinal Cord Medicine, 2020, , 1-4.	1.4	2
113	Abstract 18: External Validation of the RACE Scale After Its Implementation in the Stroke Code Protocol in Catalonia. Stroke, 2017, 48, .	2.0	2
114	Viabilidad y eficacia de una estrategia multidimensional para fomentar la actividad fÃsica en pacientes con ictus agudo. Fisioterapia, 2018, 40, 51-58.	0.2	1
115	Letter by Urra and Amaro Regarding Article, â€œHbA1c (Glycated Hemoglobin) Levels and Clinical Outcome Post-Mechanical Thrombectomy in Patients With Large Vessel Occlusionâ€• Stroke, 2019, 50, e138.	2.0	1
116	Intraoperative magnetic resonance imaging for cerebral cavernous malformations: When is it maybe worth it?. Journal of Clinical Neuroscience, 2021, 89, 85-90.	1.5	1
117	Response to Letter by Emsley et al. Stroke, 2008, 39, .	2.0	0
118	Computed Tomography Perfusion and Diffusion-Weighted Imaging in Patients With Acute Strokeâ€”Reply. JAMA Neurology, 2016, 73, 1032.	9.0	0
119	Toward Effective Combination Therapy and Pleiotropic Drugs. Springer Series in Translational Stroke Research, 2017, , 401-414.	0.1	0
120	Reply to Cuervo et al. Clinical Infectious Diseases, 2018, 67, 1146-1147.	5.8	0
121	Letter by Semerano et al Regarding Article, â€œHigher Incidence of Ischemic Stroke in Patients Taking Novel Oral Anticoagulantsâ€• Stroke, 2019, 50, e153.	2.0	0
122	Retinal and Optic Nerve Ischemia due to an Internal Carotid Artery Dissection: The â€œCup of Wineâ€•Sign. European Neurology, 2020, 83, 325-326.	1.4	0
123	Abstract P75: Cerebrovascular Events and Outcomes in Hospitalized Patients With Covid-19: The Society of Vascular and Interventional Neurology Multinational Registry. Stroke, 2021, 52, .	2.0	0
124	Abstract P94: Stroke Etiologies in Patients With Covid-19: The Svin Covid-19 Multinational Registry. Stroke, 2021, 52, .	2.0	0
125	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
126	Abstract WP92: Stroke Induces Long-term Central Nervous System Specific T Cell Responses. Stroke, 2018, 49, .	2.0	0

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127	Abstract TP307: Clinical and Neuroimaging Criteria to Improve Transfers to Comprehensive Stroke Centers for Endovascular Reperfusion Treatment Evaluation. Stroke, 2019, 50, .	2.0	0
128	Abstract WMP21: Machine Learning Identification of Large Vessel Occlusion (LVO) on Non-Contrast Computed Tomography (NCCT) Images. Stroke, 2020, 51, .	2.0	0
129	No Effects of Meteorological Factors on the SARS-CoV-2 Infection Fatality Rate.. Biomedical and Environmental Sciences, 2021, 34, 871-880.	0.2	0