

Marc Rib

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289
papers

19,623
citations

54
h-index

135
g-index

303
ext. papers

24,048
ext. citations

6.2
avg, IF

6.04
L-index

#	Paper	IF	Citations
289	Endovascular thrombectomy after large-vessel ischaemic stroke: a meta-analysis of individual patient data from five randomised trials. <i>Lancet, The</i> , 2016 , 387, 1723-31	40	3398
288	Thrombectomy within 8 hours after symptom onset in ischemic stroke. <i>New England Journal of Medicine</i> , 2015 , 372, 2296-306	59.2	3084
287	Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct. <i>New England Journal of Medicine</i> , 2018 , 378, 11-21	59.2	2503
286	Matrix metalloproteinase-9 pretreatment level predicts intracranial hemorrhagic complications after thrombolysis in human stroke. <i>Circulation</i> , 2003 , 107, 598-603	16.7	439
285	Microbubble administration accelerates clot lysis during continuous 2-MHz ultrasound monitoring in stroke patients treated with intravenous tissue plasminogen activator. <i>Stroke</i> , 2006 , 37, 425-9	6.7	374
284	Increased brain expression of matrix metalloproteinase-9 after ischemic and hemorrhagic human stroke. <i>Stroke</i> , 2006 , 37, 1399-406	6.7	321
283	Tandem internal carotid artery/middle cerebral artery occlusion: an independent predictor of poor outcome after systemic thrombolysis. <i>Stroke</i> , 2006 , 37, 2301-5	6.7	282
282	Etiologic diagnosis of ischemic stroke subtypes with plasma biomarkers. <i>Stroke</i> , 2008 , 39, 2280-7	6.7	234
281	MRI-based and CT-based thrombolytic therapy in acute stroke within and beyond established time windows: an analysis of 1210 patients. <i>Stroke</i> , 2007 , 38, 2640-5	6.7	218
280	Effects of admission hyperglycemia on stroke outcome in reperfused tissue plasminogen activator--treated patients. <i>Stroke</i> , 2003 , 34, 1235-41	6.7	196
279	Temporal profile of matrix metalloproteinases and their inhibitors after spontaneous intracerebral hemorrhage: relationship to clinical and radiological outcome. <i>Stroke</i> , 2004 , 35, 1316-22	6.7	179
278	Patterns and predictors of early risk of recurrence after transient ischemic attack with respect to etiologic subtypes. <i>Stroke</i> , 2007 , 38, 3225-9	6.7	177
277	Predictors of early arterial reocclusion after tissue plasminogen activator-induced recanalization in acute ischemic stroke. <i>Stroke</i> , 2005 , 36, 1452-6	6.7	168
276	Safety and efficacy of ultrasound-enhanced thrombolysis: a comprehensive review and meta-analysis of randomized and nonrandomized studies. <i>Stroke</i> , 2010 , 41, 280-7	6.7	167
275	Differential pattern of tissue plasminogen activator-induced proximal middle cerebral artery recanalization among stroke subtypes. <i>Stroke</i> , 2004 , 35, 486-90	6.7	166
274	Acute hyperglycemia state is associated with lower tPA-induced recanalization rates in stroke patients. <i>Stroke</i> , 2005 , 36, 1705-9	6.7	164
273	A pilot randomized clinical safety study of sonothrombolysis augmentation with ultrasound-activated perflutren-lipid microspheres for acute ischemic stroke. <i>Stroke</i> , 2008 , 39, 1464-9	6.7	139

272	Impact of onset-to-reperfusion time on stroke mortality: a collaborative pooled analysis. <i>Circulation</i> , 2013 , 127, 1980-5	16.7	138
271	Clinical deterioration after intravenous recombinant tissue plasminogen activator treatment: a multicenter transcranial Doppler study. <i>Stroke</i> , 2007 , 38, 69-74	6.7	132
270	Management of acute ischemic stroke in patients with COVID-19 infection: Report of an international panel. <i>International Journal of Stroke</i> , 2020 , 15, 540-554	6.3	123
269	Recanalization and clinical outcome of occlusion sites at baseline CT angiography in the Interventional Management of Stroke III trial. <i>Radiology</i> , 2014 , 273, 202-10	20.5	122
268	Impact of admission hyperglycemia on stroke outcome after thrombolysis: risk stratification in relation to time to reperfusion. <i>Stroke</i> , 2004 , 35, 2493-8	6.7	120
267	Diffusion-weighted imaging or computerized tomography perfusion assessment with clinical mismatch in the triage of wake up and late presenting strokes undergoing neurointervention with Trevo (DAWN) trial methods. <i>International Journal of Stroke</i> , 2017 , 12, 641-652	6.3	119
266	Safety and efficacy of intravenous tissue plasminogen activator stroke treatment in the 3- to 6-hour window using multimodal transcranial Doppler/MRI selection protocol. <i>Stroke</i> , 2005 , 36, 602-6	6.7	115
265	Temporal profile of recanalization after intravenous tissue plasminogen activator: selecting patients for rescue reperfusion techniques. <i>Stroke</i> , 2006 , 37, 1000-4	6.7	106
264	Plasmatic level of neuroinflammatory markers predict the extent of diffusion-weighted image lesions in hyperacute stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003 , 23, 1403-7	7.3	106
263	Engineering ribonuclease A: production, purification and characterization of wild-type enzyme and mutants at Gln11. <i>Protein Engineering, Design and Selection</i> , 1995 , 8, 261-73	1.9	103
262	Admission fibrinolytic profile is associated with symptomatic hemorrhagic transformation in stroke patients treated with tissue plasminogen activator. <i>Stroke</i> , 2004 , 35, 2123-7	6.7	99
261	Difficult catheter access to the occluded vessel during endovascular treatment of acute ischemic stroke is associated with worse clinical outcome. <i>Journal of NeuroInterventional Surgery</i> , 2013 , 5 Suppl 1, i70-3	7.8	94
260	Association Between Time to Reperfusion and Outcome Is Primarily Driven by the Time From Imaging to Reperfusion. <i>Stroke</i> , 2016 , 47, 999-1004	6.7	89
259	Thrombin-activable fibrinolysis inhibitor levels in the acute phase of ischemic stroke. <i>Stroke</i> , 2003 , 34, 1038-40	6.7	88
258	Primary Results of the Multicenter ARISE II Study (Analysis of Revascularization in Ischemic Stroke With EmboTrap). <i>Stroke</i> , 2018 , 49, 1107-1115	6.7	84
257	A large screening of angiogenesis biomarkers and their association with neurological outcome after ischemic stroke. <i>Atherosclerosis</i> , 2011 , 216, 205-11	3.1	84
256	Safety and feasibility of a novel transcervical access neuroprotection system for carotid artery stenting in the PROOF Study. <i>Journal of Vascular Surgery</i> , 2011 , 54, 1317-23	3.5	83
255	Pressure versus heat-induced unfolding of ribonuclease A: the case of hydrophobic interactions within a chain-folding initiation site. <i>Biochemistry</i> , 1999 , 38, 15952-61	3.2	79

254	Progression of symptomatic intracranial large artery atherosclerosis is associated with a proinflammatory state and impaired fibrinolysis. <i>Stroke</i> , 2008 , 39, 1456-63	6.7	78
253	Poststroke C-reactive protein is a powerful prognostic tool among candidates for thrombolysis. <i>Stroke</i> , 2006 , 37, 1205-10	6.7	78
252	Hyperglycemia during ischemia rapidly accelerates brain damage in stroke patients treated with tPA. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007 , 27, 1616-22	7.3	77
251	Extending the time window for endovascular procedures according to collateral pial circulation. <i>Stroke</i> , 2011 , 42, 3465-9	6.7	75
250	Carotid Stenting With Antithrombotic Agents and Intracranial Thrombectomy Leads to the Highest Recanalization Rate in Patients With Acute Stroke With Tandem Lesions. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1290-1299	5	74
249	Association of Time From Stroke Onset to Groin Puncture With Quality of Reperfusion After Mechanical Thrombectomy: A Meta-analysis of Individual Patient Data From 7 Randomized Clinical Trials. <i>JAMA Neurology</i> , 2019 , 76, 405-411	17.2	72
248	Ischemic stroke outcome: A review of the influence of post-stroke complications within the different scenarios of stroke care. <i>European Journal of Internal Medicine</i> , 2016 , 29, 9-21	3.9	66
247	Prior statin use may be associated with improved stroke outcome after tissue plasminogen activator. <i>Stroke</i> , 2007 , 38, 1076-8	6.7	66
246	Endovascular Thrombectomy for Mild Strokes: How Low Should We Go?. <i>Stroke</i> , 2018 , 49, 2398-2405	6.7	65
245	Admission CT perfusion may overestimate initial infarct core: the ghost infarct core concept. <i>Journal of NeuroInterventional Surgery</i> , 2017 , 9, 66-69	7.8	63
244	Mobilization, endothelial differentiation and functional capacity of endothelial progenitor cells after ischemic stroke. <i>Microvascular Research</i> , 2010 , 80, 317-23	3.7	63
243	Activation of protein splicing by protease- or light-triggered O to N acyl migration. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 7764-7	16.4	63
242	Bridging intravenous-intra-arterial rescue strategy increases recanalization and the likelihood of a good outcome in nonresponder intravenous tissue plasminogen activator-treated patients: a case-control study. <i>Stroke</i> , 2011 , 42, 993-7	6.7	62
241	Oxidative stress after thrombolysis-induced reperfusion in human stroke. <i>Stroke</i> , 2010 , 41, 653-60	6.7	62
240	On the track of antitumour ribonucleases. <i>Molecular BioSystems</i> , 2005 , 1, 294-302		62
239	Mechanical Thrombectomy in Ischemic Stroke Patients With Alberta Stroke Program Early Computed Tomography Score 0-5. <i>Stroke</i> , 2019 , 50, 880-888	6.7	60
238	Plasma VAP-1/SSAO activity predicts intracranial hemorrhages and adverse neurological outcome after tissue plasminogen activator treatment in stroke. <i>Stroke</i> , 2010 , 41, 1528-35	6.7	59
237	NMR spectroscopy reveals that RNase A is chiefly denatured in 40% acetic acid: implications for oligomer formation by 3D domain swapping. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1621-30	16.4	56

236	Association of follow-up infarct volume with functional outcome in acute ischemic stroke: a pooled analysis of seven randomized trials. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 1137-1142	7.8	54
235	Mechanical thrombectomy for basilar artery occlusion: efficacy, outcomes, and futile recanalization in comparison with the anterior circulation. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 1174-1180	7.8	54
234	Outcomes of a contemporary cohort of 536 consecutive patients with acute ischemic stroke treated with endovascular therapy. <i>Stroke</i> , 2014 , 45, 1046-52	6.7	54
233	Transcervical access in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2014 , 6, 652-7	7.8	54
232	Long-term treatment with citicoline may improve poststroke vascular cognitive impairment. <i>Cerebrovascular Diseases</i> , 2013 , 35, 146-54	3.2	54
231	Cerebrovascular events and outcomes in hospitalized patients with COVID-19: The SVIN COVID-19 Multinational Registry. <i>International Journal of Stroke</i> , 2021 , 16, 437-447	6.3	54
230	When to Stop. <i>Stroke</i> , 2019 , 50, 1781-1788	6.7	51
229	Endovascular treatment for M2 occlusions in the era of stentrievers: a descriptive multicenter experience. <i>Journal of NeuroInterventional Surgery</i> , 2015 , 7, 234-7	7.8	51
228	Association of a genetic variant in the ALOX5AP with higher risk of ischemic stroke: a case-control, meta-analysis and functional study. <i>Cerebrovascular Diseases</i> , 2010 , 29, 528-37	3.2	51
227	A nuclear localization sequence endows human pancreatic ribonuclease with cytotoxic activity. <i>Biochemistry</i> , 2004 , 43, 2167-77	3.2	51
226	Intracellular pathway of Onconase that enables its delivery to the cytosol. <i>Journal of Cell Science</i> , 2007 , 120, 1405-11	5.3	50
225	Safety profile of tissue plasminogen activator treatment among stroke patients carrying a common polymorphism (C-1562T) in the promoter region of the matrix metalloproteinase-9 gene. <i>Stroke</i> , 2003 , 34, 2851-5	6.7	50
224	Left atria strain is a surrogate marker for detection of atrial fibrillation in cryptogenic strokes. <i>Stroke</i> , 2014 , 45, e164-6	6.7	49
223	Serum low-density lipoprotein cholesterol level predicts hematoma growth and clinical outcome after acute intracerebral hemorrhage. <i>Stroke</i> , 2011 , 42, 2447-52	6.7	48
222	Transcranial Doppler monitoring of transcervical carotid stenting with flow reversal protection: a novel carotid revascularization technique. <i>Stroke</i> , 2006 , 37, 2846-9	6.7	48
221	Differentiating ischemic from hemorrhagic stroke using plasma biomarkers: the S100B/RAGE pathway. <i>Journal of Proteomics</i> , 2012 , 75, 4758-65	3.9	47
220	Do bubble characteristics affect recanalization in stroke patients treated with microbubble-enhanced sonothrombolysis?. <i>Ultrasound in Medicine and Biology</i> , 2008 , 34, 1573-7	3.5	47
219	Direct Transfer to Angio-Suite to Reduce Workflow Times and Increase Favorable Clinical Outcome. <i>Stroke</i> , 2018 , 49, 2723-2727	6.7	46

218	Direct transfer to angiosuite to reduce door-to-puncture time in thrombectomy for acute stroke. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 221-224	7.8	45
217	Door-to-puncture: a practical metric for capturing and enhancing system processes associated with endovascular stroke care, preliminary results from the rapid reperfusion registry. <i>Journal of the American Heart Association</i> , 2014 , 3, e000859	6	45
216	Real-time validation of transcranial Doppler criteria in assessing recanalization during intra-arterial procedures for acute ischemic stroke: an international, multicenter study. <i>Stroke</i> , 2013 , 44, 394-400	6.7	45
215	Pressure versus temperature unfolding of ribonuclease A: an FTIR spectroscopic characterization of 10 variants at the carboxy-terminal site. <i>Protein Science</i> , 2001 , 10, 725-34	6.3	45
214	Safety and efficacy of thrombectomy in acute ischaemic stroke (REVASCAT): 1-year follow-up of a randomised open-label trial. <i>Lancet Neurology</i> , 2017 , 16, 369-376	24.1	44
213	Medical and endovascular treatment of patients with large vessel occlusion presenting with mild symptoms: an observational multicenter study. <i>Cerebrovascular Diseases</i> , 2014 , 38, 418-24	3.2	44
212	Brain perihematoma genomic profile following spontaneous human intracerebral hemorrhage. <i>PLoS ONE</i> , 2011 , 6, e16750	3.7	44
211	Combination of Thrombolysis and Statins in Acute Stroke Is Safe: Results of the STARS Randomized Trial (Stroke Treatment With Acute Reperfusion and Simvastatin). <i>Stroke</i> , 2016 , 47, 2870-2873	6.7	44
210	Transcranial duplex sonography for monitoring hyperacute intracerebral hemorrhage. <i>Stroke</i> , 2009 , 40, 987-90	6.7	43
209	The structure of an engineered domain-swapped ribonuclease dimer and its implications for the evolution of proteins toward oligomerization. <i>Structure</i> , 2001 , 9, 967-76	5.2	43
208	Angiogenesis in symptomatic intracranial atherosclerosis: predominance of the inhibitor endostatin is related to a greater extent and risk of recurrence. <i>Stroke</i> , 2005 , 36, 92-7	6.7	42
207	Mediation of the Relationship Between Endovascular Therapy and Functional Outcome by Follow-up Infarct Volume in Patients With Acute Ischemic Stroke. <i>JAMA Neurology</i> , 2019 , 76, 194-202	17.2	41
206	Speed of tPA-induced clot lysis predicts DWI lesion evolution in acute stroke. <i>Stroke</i> , 2007 , 38, 955-60	6.7	40
205	Impact of a telemedicine system on acute stroke care in a community hospital. <i>Journal of Telemedicine and Telecare</i> , 2009 , 15, 260-3	6.8	39
204	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. <i>International Journal of Stroke</i> , 2019 , 14, 734-744	6.3	38
203	Baseline National Institutes of Health stroke scale-adjusted time window for intravenous tissue-type plasminogen activator in acute ischemic stroke. <i>Stroke</i> , 2014 , 45, 1059-63	6.7	38
202	The proteome of human brain after ischemic stroke. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010 , 69, 1105-15	3.1	38
201	Ghost Infarct Core and Admission Computed Tomography Perfusion: Redefining the Role of Neuroimaging in Acute Ischemic Stroke. <i>Interventional Neurology</i> , 2018 , 7, 513-521	3	38

200	Thrombectomy in Acute Stroke With Tandem Occlusions From Dissection Versus Atherosclerotic Cause. <i>Stroke</i> , 2017 , 48, 3145-3148	6.7	37
199	Latest advances in intracerebral hemorrhage. <i>Current Neurology and Neuroscience Reports</i> , 2006 , 6, 17-26	6.6	37
198	Poor Collateral Circulation Assessed by Multiphase Computed Tomographic Angiography Predicts Malignant Middle Cerebral Artery Evolution After Reperfusion Therapies. <i>Stroke</i> , 2015 , 46, 3149-53	6.7	36
197	Mechanical Thrombectomy in and Outside the REVASCAT Trial: Insights From a Concurrent Population-Based Stroke Registry. <i>Stroke</i> , 2015 , 46, 3437-42	6.7	36
196	VAP-1/SSAO plasma activity and brain expression in human hemorrhagic stroke. <i>Cerebrovascular Diseases</i> , 2012 , 33, 55-63	3.2	36
195	Detection of reversed basilar flow with power-motion Doppler after acute occlusion predicts favorable outcome. <i>Stroke</i> , 2004 , 35, 79-82	6.7	36
194	Age-adjusted infarct volume threshold for good outcome after endovascular treatment. <i>Journal of NeuroInterventional Surgery</i> , 2014 , 6, 418-22	7.8	35
193	A human ribonuclease induces apoptosis associated with p21WAF1/CIP1 induction and JNK inactivation. <i>BMC Cancer</i> , 2011 , 11, 9	4.8	35
192	Transcervical carotid stenting with flow reversal protection: experience in high-risk patients. <i>Journal of Vascular Surgery</i> , 2007 , 46, 49-54	3.5	35
191	Trevo versus solitaire a head-to-head comparison between two heavy weights of clot retrieval. <i>Journal of Neuroimaging</i> , 2014 , 24, 167-70	2.8	34
190	A predictive clinical-genetic model of tissue plasminogen activator response in acute ischemic stroke. <i>Annals of Neurology</i> , 2012 , 72, 716-29	9.4	34
189	Is it time to reassess the SITS-MOST criteria for thrombolysis?: A comparison of patients with and without SITS-MOST exclusion criteria. <i>Stroke</i> , 2009 , 40, 2568-71	6.7	34
188	Usefulness of ADAMTS13 to predict response to recanalization therapies in acute ischemic stroke. <i>Neurology</i> , 2018 , 90, e995-e1004	6.5	33
187	Transcervical carotid stenting with flow reversal is a safe technique for high-risk patients older than 70 years. <i>Journal of Vascular Surgery</i> , 2012 , 55, 978-84	3.5	33
186	Pittsburgh Response to Endovascular therapy (PRE) score: optimizing patient selection for endovascular therapy for large vessel occlusion strokes. <i>Journal of NeuroInterventional Surgery</i> , 2015 , 7, 783-8	7.8	32
185	Accuracy of serial National Institutes of Health Stroke Scale scores to identify artery status in acute ischemic stroke. <i>Circulation</i> , 2007 , 115, 2660-5	16.7	32
184	Access to Endovascular Treatment in Remote Areas: Analysis of the Reperfusion Treatment Registry of Catalonia. <i>Stroke</i> , 2016 , 47, 1381-4	6.7	32
183	Revalidation of the RACE scale after its regional implementation in Catalonia: a triage tool for large vessel occlusion. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 751-756	7.8	32

182	Thrombolysis in anterior versus posterior circulation strokes: timing of recanalization, ischemic tolerance, and other differences. <i>Journal of Neuroimaging</i> , 2011 , 21, 108-12	2.8	31
181	Intra-arterial administration of microbubbles and continuous 2-MHz ultrasound insonation to enhance intra-arterial thrombolysis. <i>Journal of Neuroimaging</i> , 2010 , 20, 224-7	2.8	31
180	Yield of atrial fibrillation detection with Textile Wearable Holter from the acute phase of stroke: Pilot study of Crypto-AF registry. <i>International Journal of Cardiology</i> , 2018 , 251, 45-50	3.2	31
179	Stroke patients with cardiac atrial septal abnormalities: differential infarct patterns on DWI. <i>Journal of Neuroimaging</i> , 2006 , 16, 334-40	2.8	30
178	Management of acute ischemic stroke in patients with COVID-19 infection: Insights from an international panel. <i>American Journal of Emergency Medicine</i> , 2020 , 38, 1548.e5-1548.e7	2.9	29
177	Impact of telemedicine on acute management of stroke patients undergoing endovascular procedures. <i>Cerebrovascular Diseases</i> , 2012 , 34, 436-42	3.2	29
176	Lipoprotein-associated phospholipase A(2) activity is associated with large-artery atherosclerotic etiology and recurrent stroke in TIA patients. <i>Cerebrovascular Diseases</i> , 2012 , 33, 150-8	3.2	29
175	Transcervical carotid stenting with flow reversal is safe in octogenarians: a preliminary safety study. <i>Journal of Vascular Surgery</i> , 2008 , 47, 96-100	3.5	29
174	Perfusion augmentation in acute stroke using mechanical counter-pulsation-phase IIa: effect of external counterpulsation on middle cerebral artery mean flow velocity in five healthy subjects. <i>Stroke</i> , 2008 , 39, 2760-4	6.7	29
173	Baseline ASPECTS and e-ASPECTS Correlation with Infarct Volume and Functional Outcome in Patients Undergoing Mechanical Thrombectomy. <i>Journal of Neuroimaging</i> , 2019 , 29, 198-202	2.8	29
172	Three-dimensional structure of a human pancreatic ribonuclease variant, a step forward in the design of cytotoxic ribonucleases. <i>Journal of Molecular Biology</i> , 2000 , 303, 49-60	6.5	28
171	Emergent Carotid Stenting Plus Thrombectomy After Thrombolysis in Tandem Strokes: Analysis of the TITAN Registry. <i>Stroke</i> , 2019 , 50, 2250-2252	6.7	27
170	Carbodiimide EDC induces cross-links that stabilize RNase A C-dimer against dissociation: EDC adducts can affect protein net charge, conformation, and activity. <i>Bioconjugate Chemistry</i> , 2009 , 20, 1459-73	6.3	27
169	Predictors of tissue-type plasminogen activator nonresponders according to location of vessel occlusion. <i>Stroke</i> , 2012 , 43, 417-21	6.7	27
168	Timing of recanalization after microbubble-enhanced intravenous thrombolysis in basilar artery occlusion. <i>Stroke</i> , 2007 , 38, 2931-4	6.7	27
167	PATJ Low Frequency Variants Are Associated With Worse Ischemic Stroke Functional Outcome. <i>Circulation Research</i> , 2019 , 124, 114-120	15.7	27
166	Endovascular Treatment of Acute Stroke. <i>Stroke</i> , 2019 , 50, 2612-2618	6.7	25
165	IL1B and VWF variants are associated with fibrinolytic early recanalization in patients with ischemic stroke. <i>Stroke</i> , 2012 , 43, 2659-65	6.7	25

164	Geographic differences in acute stroke care in Catalunya: impact of a regional interhospital network. <i>Cerebrovascular Diseases</i> , 2008 , 26, 284-8	3.2	25
163	Pressure as a tool to study protein-unfolding/refolding processes: the case of ribonuclease A. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006 , 1764, 461-9	4	25
162	Purification of engineered human pancreatic ribonuclease. <i>Methods in Enzymology</i> , 2001 , 341, 221-34	1.7	24
161	Maximal Admission Core Lesion Compatible With Favorable Outcome in Acute Stroke Patients Undergoing Endovascular Procedures. <i>Stroke</i> , 2015 , 46, 2849-52	6.7	23
160	Trevo System: single-center experience with a novel mechanical thrombectomy device. <i>Journal of Neuroimaging</i> , 2013 , 23, 7-11	2.8	23
159	Deep Learning Based Software to Identify Large Vessel Occlusion on Noncontrast Computed Tomography. <i>Stroke</i> , 2020 , 51, 3133-3137	6.7	23
158	Therapeutic interventions and success in risk factor control for secondary prevention of stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2009 , 18, 460-5	2.8	22
157	Formation, structure, and dissociation of the ribonuclease S three-dimensional domain-swapped dimer. <i>Journal of Biological Chemistry</i> , 2006 , 281, 9400-6	5.4	22
156	Pressure-jump-induced kinetics reveals a hydration dependent folding/unfolding mechanism of ribonuclease A. <i>Biophysical Journal</i> , 2006 , 91, 2264-74	2.9	22
155	ACE gene polymorphisms influence t-PA-induced brain vessel reopening following ischemic stroke. <i>Neuroscience Letters</i> , 2006 , 398, 167-71	3.3	22
154	Emergent Carotid Stenting After Thrombectomy in Patients With Tandem Lesions. <i>Stroke</i> , 2017 , 48, 1126-1128	6.7	21
153	Distinct unfolding and refolding pathways of ribonuclease a revealed by heating and cooling temperature jumps. <i>Biophysical Journal</i> , 2008 , 94, 4056-65	2.9	21
152	Telemedicine-guided carotid and transcranial ultrasound: a pilot feasibility study. <i>Stroke</i> , 2006 , 37, 229-30	6.7	21
151	The use of pressure-jump relaxation kinetics to study protein folding landscapes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006 , 1764, 489-96	4	21
150	COVID-19 and Stroke: Incidence and Etiological Description in a High-Volume Center. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 105225	2.8	21
149	Crowding agents and osmolytes provide insight into the formation and dissociation of RNase A oligomers. <i>Archives of Biochemistry and Biophysics</i> , 2011 , 506, 123-9	4.1	20
148	A cytotoxic ribonuclease variant with a discontinuous nuclear localization signal constituted by basic residues scattered over three areas of the molecule. <i>Journal of Molecular Biology</i> , 2006 , 360, 548-57	6.5	20
147	Impact of Antiplatelet Therapy During Endovascular Therapy for Tandem Occlusions: A Collaborative Pooled Analysis. <i>Stroke</i> , 2020 , 51, 1522-1529	6.7	19

146	Lipoprotein-associated phospholipase A2 testing usefulness among patients with symptomatic intracranial atherosclerotic disease. <i>Atherosclerosis</i> , 2011 , 218, 181-7	3.1	19
145	KCNK17 genetic variants in ischemic stroke. <i>Atherosclerosis</i> , 2010 , 208, 203-9	3.1	19
144	Endogenous activated protein C predicts hemorrhagic transformation and mortality after tissue plasminogen activator treatment in stroke patients. <i>Cerebrovascular Diseases</i> , 2009 , 28, 143-50	3.2	19
143	Production of engineered human pancreatic ribonucleases, solving expression and purification problems, and enhancing thermostability. <i>Protein Expression and Purification</i> , 1999 , 17, 169-81	2	19
142	Intracellular routing of cytotoxic pancreatic-type ribonucleases. <i>Current Pharmaceutical Biotechnology</i> , 2008 , 9, 169-79	2.6	18
141	Quantitative analysis, using MALDI-TOF mass spectrometry, of the N-terminal hydrolysis and cyclization reactions of the activation process of onconase. <i>FEBS Journal</i> , 2004 , 271, 1163-71		18
140	Valine 108, a chain-folding initiation site-belonging residue, crucial for the ribonuclease A stability. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 265, 356-60	3.4	18
139	Effect of extracranial lesion severity on outcome of endovascular thrombectomy in patients with anterior circulation tandem occlusion: analysis of the TITAN registry. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 970-974	7.8	17
138	Stentriever versus other endovascular treatment methods for acute stroke: comparison of procedural results and their relationship to outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2014 , 6, 265-9	7.8	17
137	A cytotoxic ribonuclease reduces the expression level of P-glycoprotein in multidrug-resistant cell lines. <i>Investigational New Drugs</i> , 2012 , 30, 880-8	4.3	17
136	Cognitive improvement in patients with severe carotid artery stenosis after transcervical stenting with protective flow reversal. <i>Cerebrovascular Diseases</i> , 2013 , 35, 124-30	3.2	17
135	Stroke etiologies in patients with COVID-19: the SVIN COVID-19 multinational registry. <i>BMC Neurology</i> , 2021 , 21, 43	3.1	17
134	Chemokines after human ischemic stroke: From neurovascular unit to blood using protein arrays. <i>Translational Proteomics</i> , 2014 , 3, 1-9		16
133	Multiphase CT Angiography Improves Prediction of Intracerebral Hemorrhage Expansion. <i>Radiology</i> , 2017 , 285, 932-940	20.5	16
132	Genes involved in hemorrhagic transformations that follow recombinant t-PA treatment in stroke patients. <i>Pharmacogenomics</i> , 2013 , 14, 495-504	2.6	16
131	Lower concentrations of thrombin-antithrombin complex (TAT) correlate to higher recanalisation rates among ischaemic stroke patients treated with t-PA. <i>Thrombosis and Haemostasis</i> , 2009 , 102, 759-64	7	16
130	Pressure- and temperature-induced unfolding studies: thermodynamics of core hydrophobicity and packing of ribonuclease A. <i>Biological Chemistry</i> , 2006 , 387, 285-96	4.5	16
129	Activating transcription factor 3 is crucial for antitumor activity and to strengthen the antiviral properties of Onconase. <i>Oncotarget</i> , 2017 , 8, 11692-11707	3.3	16

128	ANCD thrombectomy device: in vitro evaluation. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 77-81	7.8	16
127	Direct to Angiography Suite Without Stopping for Computed Tomography Imaging for Patients With Acute Stroke: A Randomized Clinical Trial. <i>JAMA Neurology</i> , 2021 , 78, 1099-1107	17.2	16
126	Procedural approaches and angiographic signs predicting first-pass recanalization in patients treated with mechanical thrombectomy for acute ischaemic stroke. <i>Interventional Neuroradiology</i> , 2019 , 25, 491-496	1.9	15
125	The angiogenic gene profile of circulating endothelial progenitor cells from ischemic stroke patients. <i>Vascular Cell</i> , 2013 , 5, 3	1	15
124	The contribution of the residues from the main hydrophobic core of ribonuclease A to its pressure-folding transition state. <i>Protein Science</i> , 2006 , 15, 1000-9	6.3	15
123	Thermal unfolding of eosinophil cationic protein/ribonuclease 3: a nonreversible process. <i>Protein Science</i> , 2006 , 15, 2816-27	6.3	15
122	Circulating cell-free DNA is a predictor of short-term neurological outcome in stroke patients treated with intravenous thrombolysis. <i>Journal of Circulating Biomarkers</i> , 2016 , 5, 1849454416668791	3.3	15
121	Early Neurological Change After Ischemic Stroke Is Associated With 90-Day Outcome. <i>Stroke</i> , 2021 , 52, 132-141	6.7	15
120	Association of statin pretreatment with collateral circulation and final infarct volume in acute ischemic stroke patients: A meta-analysis. <i>Atherosclerosis</i> , 2019 , 282, 75-79	3.1	13
119	NURR1 involvement in recombinant tissue-type plasminogen activator treatment complications after ischemic stroke. <i>Stroke</i> , 2015 , 46, 477-84	6.7	13
118	Reperfusion and outcomes in Penumbra vs. systemic tissue plasminogen activator clinical trials. <i>International Journal of Stroke</i> , 2011 , 6, 118-22	6.3	13
117	Noncontrast Computed Tomography vs Computed Tomography Perfusion or Magnetic Resonance Imaging Selection in Late Presentation of Stroke With Large-Vessel Occlusion. <i>JAMA Neurology</i> , 2021 ,	17.2	13
116	A nuclear-directed human pancreatic ribonuclease (PE5) targets the metabolic phenotype of cancer cells. <i>Oncotarget</i> , 2016 , 7, 18309-24	3.3	13
115	Head or Neck First? Speed and Rates of Reperfusion in Thrombectomy for Tandem Large Vessel Occlusion Strokes. <i>Interventional Neurology</i> , 2020 , 8, 92-100	3	13
114	GRECOS Project (Genotyping Recurrence Risk of Stroke): The Use of Genetics to Predict the Vascular Recurrence After Stroke. <i>Stroke</i> , 2017 , 48, 1147-1153	6.7	12
113	Noncontrast Computed Tomography Alberta Stroke Program Early CT Score May Modify Intra-Arterial Treatment Effect in DAWN. <i>Stroke</i> , 2019 , 50, 2404-2412	6.7	12
112	Role of the MMP9 gene in hemorrhagic transformations after tissue-type plasminogen activator treatment in stroke patients. <i>Stroke</i> , 2012 , 43, 1398-400	6.7	12
111	The nuclear transport capacity of a human-pancreatic ribonuclease variant is critical for its cytotoxicity. <i>Investigational New Drugs</i> , 2011 , 29, 811-7	4.3	12

110	Preferential effect of premorbid statins on atherothrombotic strokes through collateral circulation enhancement. <i>European Neurology</i> , 2012 , 68, 171-6	2.1	12
109	Role of endogenous granulocyte-macrophage colony stimulating factor following stroke and relationship to neurological outcome. <i>Current Neurovascular Research</i> , 2009 , 6, 246-51	1.8	12
108	Impact of Periprocedural and Technical Factors and Patient Characteristics on Revascularization and Outcome in the DAWN Trial. <i>Stroke</i> , 2020 , 51, 247-253	6.7	12
107	Clinical effect of successful reperfusion in patients presenting with NIHSS . <i>Journal of Neurology</i> , 2019 , 266, 598-608	5.5	12
106	Prehospital Systolic Blood Pressure Is Related to Intracerebral Hemorrhage Volume on Admission. <i>Stroke</i> , 2018 , 49, 204-206	6.7	12
105	Outcome, efficacy and safety of endovascular thrombectomy in ischaemic stroke according to time to reperfusion: data from a multicentre registry. <i>Therapeutic Advances in Neurological Disorders</i> , 2019 , 12, 1756286419835708	6.6	11
104	Benefit of Endovascular Thrombectomy by Mode of Onset: Secondary Analysis of the DAWN Trial. <i>Stroke</i> , 2019 , 50, 3141-3146	6.7	11
103	Pattern of response of National Institutes of Health Stroke Scale components to early recanalization in the CLOTBUST trial. <i>Stroke</i> , 2010 , 41, 466-70	6.7	11
102	Asymmetric kinetics of protein structural changes. <i>Accounts of Chemical Research</i> , 2009 , 42, 778-87	24.3	11
101	Destabilizing mutations alter the hydrogen exchange mechanism in ribonuclease A. <i>Biophysical Journal</i> , 2008 , 94, 2297-305	2.9	11
100	Blood Biomarkers to Differentiate Ischemic and Hemorrhagic Strokes. <i>Neurology</i> , 2021 , 96, e1928-e1939	6.5	11
99	Farmalarm. <i>Stroke</i> , 2019 , 50, 1819-1824	6.7	10
98	Clinical Predictors of Hyperperfusion Syndrome Following Carotid Stenting: Results From a National Prospective Multicenter Study. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 873-882	5	10
97	Sudden Recanalization: A Game-Changing Factor in Endovascular Treatment of Large Vessel Occlusion Strokes. <i>Stroke</i> , 2020 , 51, 1313-1316	6.7	10
96	Telestroke in Catalonia: Increasing Thrombolysis Rate and Avoiding Interhospital Transfers. <i>Cerebrovascular Diseases</i> , 2018 , 46, 66-71	3.2	10
95	Fluorescent molecular peroxidation products: a prognostic biomarker of early neurologic deterioration after thrombolysis. <i>Stroke</i> , 2014 , 45, 432-7	6.7	10
94	Automated Perfusion Calculations vs. Visual Scoring of Collaterals and CBV-ASPECTS : Has the Machine Surpassed the Eye?. <i>Clinical Neuroradiology</i> , 2021 , 31, 499-506	2.7	10
93	European Multicenter Study of ET-COVID-19. <i>Stroke</i> , 2021 , 52, 31-39	6.7	10

92	Time Matters: Adjusted Analysis of the Influence of Direct Transfer to Angiography-Suite Protocol in Functional Outcome. <i>Stroke</i> , 2020 , 51, 1766-1771	6.7	9
91	Computed Tomography Perfusion After Thrombectomy: An Immediate Surrogate Marker of Outcome After Recanalization in Acute Stroke. <i>Stroke</i> , 2020 , 51, 1736-1742	6.7	9
90	Temporal profile and prognostic value of Lp-PLA2 mass and activity in the acute stroke setting. <i>Atherosclerosis</i> , 2012 , 220, 532-6	3.1	9
89	Generation of new cytotoxic human ribonuclease variants directed to the nucleus. <i>Molecular Pharmaceutics</i> , 2012 , 9, 2894-902	5.6	9
88	Ischemic Core Overestimation on Computed Tomography Perfusion. <i>Stroke</i> , 2021 , 52, 1751-1760	6.7	9
87	Predictors of Endovascular Treatment Among Stroke Codes Activated Within 6 Hours From Symptom Onset. <i>Stroke</i> , 2018 , 49, 2116-2121	6.7	9
86	Validation of a clinical-genetics score to predict hemorrhagic transformations after rtPA. <i>Neurology</i> , 2019 , 93, e851-e863	6.5	8
85	Functional outcome after primary endovascular therapy or IV thrombolysis alone for stroke. An observational, comparative effectiveness study. <i>Cerebrovascular Diseases</i> , 2014 , 38, 328-36	3.2	8
84	Validity of HAT score for predicting symptomatic intracranial hemorrhage in acute stroke patients with proximal occlusions: data from randomized trials of sonothrombolysis. <i>Cerebrovascular Diseases</i> , 2011 , 31, 471-6	3.2	8
83	Ribonucleases endowed with specific toxicity for spermatogenic layers. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1997 , 118, 881-888	2.3	8
82	Characterization of the dimerization process of a domain-swapped dimeric variant of human pancreatic ribonuclease. <i>FEBS Journal</i> , 2006 , 273, 1166-76	5.7	8
81	Production of human pancreatic ribonuclease in <i>Saccharomyces cerevisiae</i> and <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 1996 , 7, 253-61	2	8
80	Assessment of Optimal Patient Selection for Endovascular Thrombectomy Beyond 6 Hours After Symptom Onset: A Pooled Analysis of the AURORA Database. <i>JAMA Neurology</i> , 2021 , 78, 1064-1071	17.2	8
79	Outcome in Direct Versus Transfer Patients in the DAWN Controlled Trial. <i>Stroke</i> , 2019 , 50, 2163-2167	6.7	7
78	X-ray crystallographic studies of RNase A variants engineered at the most destabilizing positions of the main hydrophobic core: further insight into protein stability. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009 , 77, 658-69	4.2	7
77	Ischemic stroke outcome and early infection: its deleterious effect seems to operate also among tissue plasminogen activator-treated patients. <i>European Neurology</i> , 2011 , 65, 82-7	2.1	7
76	Reperfusion therapy for acute stroke improves outcome by decreasing neuroinflammation. <i>Translational Stroke Research</i> , 2010 , 1, 261-7	7.8	7
75	Contribution of the C30/C75 disulfide bond to the biological properties of onconase. <i>Biological Chemistry</i> , 2008 , 389, 1127-36	4.5	7

74	Benefit of endovascular thrombectomy for M2 middle cerebral artery occlusion in the ARISE II study. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 779-783	7.8	7
73	Direct to Angiography vs Repeated Imaging Approaches in Transferred Patients Undergoing Endovascular Thrombectomy. <i>JAMA Neurology</i> , 2021 , 78, 916-926	17.2	7
72	A truncated apoptin protein variant selectively kills cancer cells. <i>Investigational New Drugs</i> , 2017 , 35, 260-268	4.3	6
71	Periprocedural Heparin During Endovascular Treatment of Tandem Lesions in Patients with Acute Ischemic Stroke: A Propensity Score Analysis from TITAN Registry. <i>CardioVascular and Interventional Radiology</i> , 2019 , 42, 1160-1167	2.7	6
70	Preclinical evaluation of the ANCD thrombectomy device: safety and efficacy in a swine clot model. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 1008-1013	7.8	6
69	Structural investigation of ribonuclease A conformational preferences using high pressure protein crystallography. <i>Chemical Physics</i> , 2016 , 468, 53-62	2.3	6
68	Selecting endovascular treatment strategy according to the location of intracranial occlusion in acute stroke. <i>Cerebrovascular Diseases</i> , 2013 , 35, 502-6	3.2	6
67	Buying time for recanalization in acute stroke: arterial blood infusion beyond the occluding clot as a neuroprotective strategy. <i>Journal of Neuroimaging</i> , 2009 , 19, 188-90	2.8	6
66	Apoptin, A Versatile Protein with Selective Antitumor Activity. <i>Current Medicinal Chemistry</i> , 2018 , 25, 3540-3559	4.3	6
65	Single nucleotide variations in ZBTB46 are associated with post-thrombolytic parenchymal haematoma. <i>Brain</i> , 2021 , 144, 2416-2426	11.2	6
64	Endovascular therapy with or without intravenous thrombolysis in acute stroke with tandem occlusion. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	6
63	Cardiovascular care of patients with stroke and high risk of stroke: The need for interdisciplinary action: A consensus report from the European Society of Cardiology Cardiovascular Round Table. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 682-692	3.9	6
62	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	7.8	6
61	Interdisciplinary management of acute ischaemic stroke: Current evidence training requirements for endovascular stroke treatment. Position Paper from the ESC Council on Stroke and the European Association for Percutaneous Cardiovascular Interventions with the support of the European Board of Neurointervention. <i>European Heart Journal</i> , 2021 , 42, 298-307	9.5	6
60	Transcriptional profiling of NCI/ADR-RES cells unveils a complex network of signaling pathways and molecular mechanisms of drug resistance. <i>OncoTargets and Therapy</i> , 2018 , 11, 221-237	4.4	6
59	Predictors of response to endovascular treatment of posterior circulation stroke. <i>European Journal of Radiology</i> , 2019 , 116, 219-224	4.7	5
58	Arterial blood gas analysis of samples directly obtained beyond cerebral arterial occlusion during endovascular procedures predicts clinical outcome. <i>Journal of Neuroimaging</i> , 2013 , 23, 180-4	2.8	5
57	Towards tricking a pathogen β protease into fighting infection: the 3D structure of a stable circularly permuted onconase variant cleaved by HIV-1 protease. <i>PLoS ONE</i> , 2013 , 8, e54568	3.7	5

56	Bactericidal activity engineered on human pancreatic ribonuclease and onconase. <i>Molecular Pharmaceutics</i> , 2009 , 6, 531-42	5.6	5
55	Repeated tissue plasminogen activator treatment for early stroke recurrence: protocol violation is not an option. <i>Stroke</i> , 2006 , 37, 1151-2; author reply 1152-3	6.7	5
54	Health economic impact of first-pass success among patients with acute ischemic stroke treated with mechanical thrombectomy: a United States and European perspective. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 1117-1123	7.8	5
53	SEIMLESS: Simultaneous Extracranial, Intracranial Management of (tandem) LESsions in Stroke. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 879-883	7.8	4
52	Mechanical thrombectomy with a novel device: initial clinical experience with the ANA thrombectomy device. <i>Journal of Neuroradiology</i> , 2020 ,	3.1	4
51	Vascular Occlusion Evolution in Endovascular Reperfusion Candidates Transferred from Primary to Comprehensive Stroke Centers. <i>Cerebrovascular Diseases</i> , 2020 , 49, 550-555	3.2	4
50	Genome-Wide Association Study of White Blood Cell Counts in Patients With Ischemic Stroke. <i>Stroke</i> , 2019 , 50, 3618-3621	6.7	4
49	Potential blood pressure thresholds and outcome in acute intracerebral hemorrhage. <i>European Neurology</i> , 2014 , 72, 203-8	2.1	4
48	Antitumor Ribonucleases. <i>Nucleic Acids and Molecular Biology</i> , 2011 , 55-88		4
47	Mapping the stability clusters in bovine pancreatic ribonuclease A. <i>Biopolymers</i> , 2009 , 91, 1038-47	2.2	4
46	Clinical and neuroimaging criteria to improve the workflow in transfers for endovascular treatment evaluation. <i>International Journal of Stroke</i> , 2020 , 15, 988-994	6.3	4
45	Suction force rather than aspiration flow correlates with recanalization in hard clots: an in vitro study model. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 1157-1161	7.8	4
44	Endovascular Therapy of Anterior Circulation Tandem Occlusions: Pooled Analysis From the TITAN and ETIS Registries. <i>Stroke</i> , 2021 , 52, 3097-3105	6.7	4
43	Insights into the mechanism of Apoptin β exquisitely selective anti-tumor action from atomic level characterization of its conformation and dynamics. <i>Archives of Biochemistry and Biophysics</i> , 2017 , 614, 53-64	4.1	3
42	Stroke echoscan protocol: a fast and accurate pathway to diagnose embolic strokes. <i>Journal of Neuroimaging</i> , 2015 , 25, 365-9	2.8	3
41	Geographic dissemination of endovascular stroke thrombectomy in Catalonia within the 2011-2015 period. <i>European Stroke Journal</i> , 2017 , 2, 163-170	5.6	3
40	Plasmin (Human) Administration in Acute Middle Cerebral Artery Ischemic Stroke: Phase 1/2a, Open-Label, Dose-Escalation, Safety Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017 , 26, 308-320	2.8	3
39	Interactions crucial for three-dimensional domain swapping in the HP-RNase variant PM8. <i>Biophysical Journal</i> , 2011 , 101, 459-67	2.9	3

38	Catheter tip distensibility substantially influences the aspiration force of thrombectomy devices. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	3
37	Benchmarking the Extent and Speed of Reperfusion: First Pass TIC1 2c-3 Is a Preferred Endovascular Reperfusion Endpoint. <i>Frontiers in Neurology</i> , 2021 , 12, 669934	4.1	3
36	Leptomeningeal Collateral Flow Modifies Endovascular Treatment Efficacy on Large-Vessel Occlusion Strokes. <i>Stroke</i> , 2021 , 52, 299-303	6.7	3
35	Bottlenecks in the Acute Stroke Care System during the COVID-19 Pandemic in Catalonia. <i>Cerebrovascular Diseases</i> , 2021 , 50, 551-559	3.2	3
34	Prosthetic Valve Thrombosis in the Acute Phase of the Stroke: Relevance of Detection and Follow-Up. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017 , 26, 1110-1113	2.8	2
33	Extensive deamidation of RNase A inhibits its oligomerization through 3D domain swapping. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017 , 1865, 76-87	4	2
32	Monitoring of cortical activity postreperfusion. A powerful tool for predicting clinical response immediately after recanalization. <i>Journal of Neuroimaging</i> , 2015 , 25, 257-262	2.8	2
31	Influence of Hospital Type on Outcomes of Individuals Aged 80 and Older with Stroke Treated Using Intravenous Thrombolysis. <i>Journal of the American Geriatrics Society</i> , 2017 , 65, E117-E122	5.6	2
30	Spontaneous systolic blood pressure drop early after mechanical thrombectomy predicts dramatic neurological recovery in ischaemic stroke patients. <i>European Stroke Journal</i> , 2020 , 5, 362-369	5.6	2
29	SELECTION criteria for large core trials: dogma or data?. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 500-504	7.8	2
28	Strengths and Challenges of Secretory Ribonucleases as AntiTumor Agents. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
27	Construction of Highly Stable Cytotoxic Nuclear-Directed Ribonucleases. <i>Molecules</i> , 2018 , 23,	4.8	2
26	Structural Insights into Subunits Assembly and the Oxyester Splicing Mechanism of Neq pol Split Intein. <i>Cell Chemical Biology</i> , 2018 , 25, 871-879.e2	8.2	2
25	Screening of Embolic Sources by Point-of-Care Ultrasound in the Acute Phase of Ischemic Stroke. <i>Ultrasound in Medicine and Biology</i> , 2020 , 46, 2173-2180	3.5	1
24	(1)H, (13)C and (15)N resonance assignments of the Onconase FL-G zymogen. <i>Biomolecular NMR Assignments</i> , 2013 , 7, 13-5	0.7	1
23	Investigating the effects of double mutation C30A/C75A on onconase structure: Studies at atomic resolution. <i>Biopolymers</i> , 2014 , 101, 454-60	2.2	1
22	Vertebral Artery Ultrasonography 2007 , 97-102		1
21	Transcranial Doppler Sonography 2007 , 103-126		1

20	Direct Transfer to Angiosuite in Acute Stroke: Why, When, and How?. <i>Neurology</i> , 2021 , 97, S34-S41	6.5	1
19	The Value of Transcranial Doppler Sonography in Hyperperfusion Syndrome after Carotid Artery Stenting: A Nationwide Prospective Study. <i>Journal of Stroke</i> , 2020 , 22, 254-257	5.6	1
18	Transcranial Doppler Sonography 2010 , 73-96		1
17	Genetic Variation Is Associated with Post-Reperfusion Therapy Parenchymal Hematoma. A GWAS Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
16	Approaches to Endow Ribonucleases with Antitumor Activity: Lessons Learned from the Native Cytotoxic Ribonucleases 2016 ,		1
15	Primary endovascular treatment for acute ischemic stroke in teenage patients: a short case series. <i>Neuroradiology</i> , 2020 , 62, 851-860	3.2	1
14	A Nuclear-Directed Ribonuclease Variant Targets Cancer Stem Cells and Inhibits Migration and Invasion of Breast Cancer Cells. <i>Cancers</i> , 2021 , 13,	6.6	1
13	Monocyte-to-Lymphocyte Ratio in Clot Analysis as a Marker of Cardioembolic Stroke Etiology. <i>Translational Stroke Research</i> , 2021 , 1	7.8	1
12	The Role of Vascular Imaging at Referral Centers in the Drip and Ship Paradigm. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 31, 106209	2.8	0
11	Response by OlivGadea and Ribo to Letter Regarding Article, "Deep Learning Based Software to Identify Large Vessel Occlusion on Noncontrast Computed Tomography". <i>Stroke</i> , 2021 , 52, e63	6.7	0
10	Defining a Target Population to Effectively Test a Neuroprotective Drug. <i>Stroke</i> , 2021 , 52, 505-510	6.7	0
9	Serial ASPECTS in the DAWN Trial: Infarct Evolution and Clinical Impact. <i>Stroke</i> , 2021 , 52, 3318-3324	6.7	0
8	Clinical Results of the Advanced Neurovascular Access Catheter System Combined With a Stent Retriever in Acute Ischemic Stroke (SOLONDA).. <i>Stroke</i> , 2022 , 101161STROKEAHA121037577	6.7	0
7	Monitoring clot dissolution during intravenous thrombolysis. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 2006 , 35, 63-6		
6	Predictors of unfavorable outcomes despite substantial reperfusion: Insights from Analysis of Revascularization in Ischemic Stroke With EmboTrap II Study. <i>Interventional Neuroradiology</i> , 2021 , 15910199211051553	1.9	
5	Contribution of the C30/C75 disulfide bond to the biological properties of onconase. <i>Biological Chemistry</i> , 2008 , 080808065103147-30	4.5	
4	Vertebral Artery Ultrasonography 2010 , 67-72		
3	Endovascular Treatment of Acute Ischemic Stroke 2013 , 131-141		

2	Complicaciones vasculares durante la trombectomía mecánica en el ictus agudo, una experiencia multicéntrica en España. <i>Revista Argentina De Radiología</i> , 2018 , 82, 107-113	0
1	Response to letter: How much will a catheter tip expand in aspiration thrombectomy?. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8