

# Leonid Churilov

## List of Publications by Citations

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304  
papers

9,887  
citations

37  
h-index

95  
g-index

337  
ext. papers

12,553  
ext. citations

5.8  
avg, IF

5.86  
L-index

#	Paper	IF	Citations
304	Endovascular therapy for ischemic stroke with perfusion-imaging selection. <i>New England Journal of Medicine</i> , <b>2015</b> , 372, 1009-18	59.2	3612
303	Thrombolysis Guided by Perfusion Imaging up to 9 Hours after Onset of Stroke. <i>New England Journal of Medicine</i> , <b>2019</b> , 380, 1795-1803	59.2	386
302	Tenecteplase versus Alteplase before Thrombectomy for Ischemic Stroke. <i>New England Journal of Medicine</i> , <b>2018</b> , 378, 1573-1582	59.2	308
301	Standardized measurement of sensorimotor recovery in stroke trials: Consensus-based core recommendations from the Stroke Recovery and Rehabilitation Roundtable. <i>International Journal of Stroke</i> , <b>2017</b> , 12, 451-461	6.3	198
300	Very early mobilization after stroke fast-tracks return to walking: further results from the phase II AVERT randomized controlled trial. <i>Stroke</i> , <b>2011</b> , 42, 153-8	6.7	198
299	Stroke thrombolysis: save a minute, save a day. <i>Stroke</i> , <b>2014</b> , 45, 1053-8	6.7	195
298	Extending thrombolysis to 4.5-9 h and wake-up stroke using perfusion imaging: a systematic review and meta-analysis of individual patient data. <i>Lancet, The</i> , <b>2019</b> , 394, 139-147	4.0	194
297	Failure of collateral blood flow is associated with infarct growth in ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2013</b> , 33, 1168-72	7.3	192
296	Risk of Bias in Reports of In Vivo Research: A Focus for Improvement. <i>PLoS Biology</i> , <b>2015</b> , 13, e1002273	9.7	160
295	A multicentre, randomized, double-blinded, placebo-controlled Phase III study to investigate EXTending the time for Thrombolysis in Emergency Neurological Deficits (EXTEND). <i>International Journal of Stroke</i> , <b>2012</b> , 7, 74-80	6.3	158
294	Supply chain risk identification with value-focused process engineering. <i>Journal of Operations Management</i> , <b>2009</b> , 27, 154-168	5.2	150
293	Minimally invasive endovascular stent-electrode array for high-fidelity, chronic recordings of cortical neural activity. <i>Nature Biotechnology</i> , <b>2016</b> , 34, 320-7	44.5	127
292	Prespecified dose-response analysis for A Very Early Rehabilitation Trial (AVERT). <i>Neurology</i> , <b>2016</b> , 86, 2138-45	6.5	126
291	A multicenter, randomized, controlled study to investigate EXTending the time for Thrombolysis in Emergency Neurological Deficits with Intra-Arterial therapy (EXTEND-IA). <i>International Journal of Stroke</i> , <b>2014</b> , 9, 126-32	6.3	120
290	The effect of physical activity on cognitive function after stroke: a systematic review. <i>International Psychogeriatrics</i> , <b>2012</b> , 24, 557-67	3.4	104
289	Standardized Measurement of Sensorimotor Recovery in Stroke Trials: Consensus-Based Core Recommendations from the Stroke Recovery and Rehabilitation Roundtable. <i>Neurorehabilitation and Neural Repair</i> , <b>2017</b> , 31, 784-792	4.7	86
288	EPITHET: Positive Result After Reanalysis Using Baseline Diffusion-Weighted Imaging/Perfusion-Weighted Imaging Co-Registration. <i>Stroke</i> , <b>2011</b> , 42, 59-64	6.7	84

287	Precision therapy for epilepsy due to mutations: A randomized trial of oral quinidine. <i>Neurology</i> , <b>2018</b> , 90, e67-e72	6.5	84
286	Imaging selection in ischemic stroke: feasibility of automated CT-perfusion analysis. <i>International Journal of Stroke</i> , <b>2015</b> , 10, 51-4	6.3	82
285	Worse stroke outcome in atrial fibrillation is explained by more severe hypoperfusion, infarct growth, and hemorrhagic transformation. <i>International Journal of Stroke</i> , <b>2015</b> , 10, 534-40	6.3	73
284	Effect of Intravenous Tenecteplase Dose on Cerebral Reperfusion Before Thrombectomy in Patients With Large Vessel Occlusion Ischemic Stroke: The EXTEND-IA TNK Part 2 Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 323, 1257-1265	27.4	73
283	The effects of alteplase 3 to 6 hours after stroke in the EPITHET-DEFUSE combined dataset: post hoc case-control study. <i>Stroke</i> , <b>2013</b> , 44, 87-93	6.7	73
282	Endovascular therapy for ischemic stroke: Save a minute-save a week. <i>Neurology</i> , <b>2017</b> , 88, 2123-2127	6.5	71
281	Differences in Number of Midbrain Dopamine Neurons Associated with Summer and Winter Photoperiods in Humans. <i>PLoS ONE</i> , <b>2016</b> , 11, e0158847	3.7	69
280	Stroke and nonstroke brain attacks in children. <i>Neurology</i> , <b>2014</b> , 82, 1434-40	6.5	64
279	The spot sign and tranexamic acid on preventing ICH growth--AUstralasia Trial (STOP-AUST): protocol of a phase II randomized, placebo-controlled, double-blind, multicenter trial. <i>International Journal of Stroke</i> , <b>2014</b> , 9, 519-24	6.3	59
278	Large Vessel Occlusion Scales Increase Delivery to Endovascular Centers Without Excessive Harm From Misclassifications. <i>Stroke</i> , <b>2017</b> , 48, 568-573	6.7	57
277	Multi-method modelling: AnyLogic <b>2014</b> , 248-279		57
276	Advanced imaging improves prediction of hemorrhage after stroke thrombolysis. <i>Annals of Neurology</i> , <b>2013</b> , 73, 510-9	9.4	57
275	Intravenous alteplase for stroke with unknown time of onset guided by advanced imaging: systematic review and meta-analysis of individual patient data. <i>Lancet, The</i> , <b>2020</b> , 396, 1574-1584	4.0	44
274	A neuroligin-3 mutation implicated in autism causes abnormal aggression and increases repetitive behavior in mice. <i>Molecular Autism</i> , <b>2015</b> , 6, 62	6.5	43
273	Systematic review and meta-analysis of prevalence of sarcopenia in post acute inpatient rehabilitation. <i>Osteoporosis International</i> , <b>2018</b> , 29, 805-812	5.3	41
272	Pre-stroke CHADS2 and CHA2DS2-VASc scores are useful in stratifying three-month outcomes in patients with and without atrial fibrillation. <i>Cerebrovascular Diseases</i> , <b>2013</b> , 36, 273-80	3.2	39
271	Search strategy selection in the Morris water maze indicates allocentric map formation during learning that underpins spatial memory formation. <i>Neurobiology of Learning and Memory</i> , <b>2017</b> , 139, 37-49	3.1	38
270	Ambulance Clinical Triage for Acute Stroke Treatment: Paramedic Triage Algorithm for Large Vessel Occlusion. <i>Stroke</i> , <b>2018</b> , 49, 945-951	6.7	38

269	The Presence of Diabetes and Higher HbA Are Independently Associated With Adverse Outcomes After Surgery. <i>Diabetes Care</i> , <b>2018</b> , 41, 1172-1179	14.6	37
268	Tenecteplase versus alteplase before endovascular thrombectomy (EXTEND-IA TNK): A multicenter, randomized, controlled study. <i>International Journal of Stroke</i> , <b>2018</b> , 13, 328-334	6.3	37
267	An improved method for simple, assumption-free ordinal analysis of the modified Rankin Scale using generalized odds ratios. <i>International Journal of Stroke</i> , <b>2014</b> , 9, 999-1005	6.3	37
266	Systematic Review and Meta-analysis: Optimal Salvage Therapy in Acute Severe Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , <b>2019</b> , 25, 1169-1186	4.5	37
265	A stroke recovery trial development framework: Consensus-based core recommendations from the Second Stroke Recovery and Rehabilitation Roundtable. <i>International Journal of Stroke</i> , <b>2019</b> , 14, 792-802	6.3	36
264	Endovascular Thrombectomy for Ischemic Stroke Increases Disability-Free Survival, Quality of Life, and Life Expectancy and Reduces Cost. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 657	4.1	36
263	An early mobilization protocol successfully delivers more and earlier therapy to acute stroke patients: further results from phase II of AVERT. <i>Neurorehabilitation and Neural Repair</i> , <b>2012</b> , 26, 20-6	4.7	36
262	Dissociating the therapeutic effects of environmental enrichment and exercise in a mouse model of anxiety with cognitive impairment. <i>Translational Psychiatry</i> , <b>2016</b> , 6, e794	8.6	34
261	Gastrointestinal dysfunction in patients and mice expressing the autism-associated R451C mutation in neuroligin-3. <i>Autism Research</i> , <b>2019</b> , 12, 1043-1056	5.1	33
260	A topographic study of the evolution of the MR DWI/PWI mismatch pattern and its clinical impact: a study by the EPITHET and DEFUSE Investigators. <i>Stroke</i> , <b>2011</b> , 42, 1596-601	6.7	33
259	Evolution of ischemic damage and behavioural deficit over 6 months after MCAo in the rat: Selecting the optimal outcomes and statistical power for multi-centre preclinical trials. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171688	3.7	33
258	Tranexamic acid in patients with intracerebral haemorrhage (STOP-AUST): a multicentre, randomised, placebo-controlled, phase 2 trial. <i>Lancet Neurology</i> , <b>2020</b> , 19, 980-987	24.1	33
257	Melbourne Mobile Stroke Unit and Reperfusion Therapy: Greater Clinical Impact of Thrombectomy Than Thrombolysis. <i>Stroke</i> , <b>2020</b> , 51, 922-930	6.7	32
256	Measuring activity levels at an acute stroke ward: comparing observations to a device. <i>BioMed Research International</i> , <b>2013</b> , 2013, 460482	3	32
255	Correlation of Quantitative Motor State Assessment Using a Kinetograph and Patient Diaries in Advanced PD: Data from an Observational Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161559	3.7	32
254	Frequent early cardiac complications contribute to worse stroke outcome in atrial fibrillation. <i>Cerebrovascular Diseases</i> , <b>2011</b> , 32, 454-60	3.2	30
253	Restrictive intraoperative fluid optimisation algorithm improves outcomes in patients undergoing pancreaticoduodenectomy: A prospective multicentre randomized controlled trial. <i>PLoS ONE</i> , <b>2017</b> , 12, e0183313	3.7	30
252	Risk-adjusted hospital mortality rates for stroke: evidence from the Australian Stroke Clinical Registry (AuSCR). <i>Medical Journal of Australia</i> , <b>2017</b> , 206, 345-350	4	29

251	Association between different acute stroke therapies and development of post stroke seizures. <i>BMC Neurology</i> , <b>2018</b> , 18, 61	3.1	29
250	Subacute ischemic stroke is associated with focal 11C PiB positron emission tomography retention but not with global neocortical A $\beta$ deposition. <i>Stroke</i> , <b>2012</b> , 43, 1341-6	6.7	29
249	The CT Swirl Sign Is Associated with Hematoma Expansion in Intracerebral Hemorrhage. <i>American Journal of Neuroradiology</i> , <b>2018</b> , 39, 232-237	4.4	29
248	Positron Emission Tomographic Imaging in Stroke: Cross-Sectional and Follow-Up Assessment of Amyloid in Ischemic Stroke. <i>Stroke</i> , <b>2016</b> , 47, 113-9	6.7	28
247	New-Onset Atrial Fibrillation After Coronary Artery Bypass Graft and Long-Term Risk of Stroke: A Meta-Analysis. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	28
246	Moving beyond a single perfusion threshold to define penumbra: a novel probabilistic mismatch definition. <i>Stroke</i> , <b>2012</b> , 43, 1548-55	6.7	28
245	Low Alberta Stroke Program Early CT score (ASPECTS) associated with malignant middle cerebral artery infarction. <i>Cerebrovascular Diseases</i> , <b>2014</b> , 38, 39-45	3.2	27
244	Salvage of the PWI/DWI mismatch up to 48 h from stroke onset leads to favorable clinical outcome. <i>International Journal of Stroke</i> , <b>2015</b> , 10, 565-70	6.3	26
243	Performance of bedside stroke recognition tools in discriminating childhood stroke from mimics. <i>Neurology</i> , <b>2016</b> , 86, 2154-61	6.5	26
242	Differentiating Childhood Stroke From Mimics in the Emergency Department. <i>Stroke</i> , <b>2016</b> , 47, 2476-81	6.7	25
241	The association between lesion location and functional outcome after ischemic stroke. <i>International Journal of Stroke</i> , <b>2015</b> , 10, 1270-6	6.3	24
240	A Phase 1 exercise dose escalation study for stroke survivors with impaired walking. <i>International Journal of Stroke</i> , <b>2015</b> , 10, 1051-6	6.3	24
239	Cerebral A $\beta$ amyloid detected by Pittsburgh compound B positron emission topography predisposes to recombinant tissue plasminogen activator-related hemorrhage. <i>Annals of Neurology</i> , <b>2010</b> , 68, 959-62	9.4	24
238	Clot Migration Is Associated With Intravenous Thrombolysis in the Setting of Acute Ischemic Stroke. <i>Stroke</i> , <b>2018</b> , 49, 3060-3062	6.7	24
237	Thrombolysis for acute stroke in Australia: outcomes from the Safe Implementation of Thrombolysis in Stroke registry (2002-2008). <i>Medical Journal of Australia</i> , <b>2010</b> , 193, 439-43	4	23
236	Decision support in pre-hospital stroke care operations: A case of using simulation to improve eligibility of acute stroke patients for thrombolysis treatment. <i>Computers and Operations Research</i> , <b>2013</b> , 40, 2208-2218	4.6	22
235	Successful recanalization post endovascular therapy is associated with a decreased risk of intracranial haemorrhage: a retrospective study. <i>BMC Neurology</i> , <b>2015</b> , 15, 185	3.1	22
234	Increased work and social engagement is associated with increased stroke specific quality of life in stroke survivors at 3 months and 12 months post-stroke: a longitudinal study of an Australian stroke cohort. <i>Topics in Stroke Rehabilitation</i> , <b>2017</b> , 24, 405-414	2.6	21

233	Warfarin-associated intracerebral hemorrhage: volume, anticoagulation intensity and location. <i>Journal of the Neurological Sciences</i> , <b>2013</b> , 332, 75-9	3.2	21
232	Inpatient HbA1c testing: a prospective observational study. <i>BMJ Open Diabetes Research and Care</i> , <b>2015</b> , 3, e000113	4.5	21
231	Statistical analysis plan (SAP) for A Very Early Rehabilitation Trial (AVERT): an international trial to determine the efficacy and safety of commencing out of bed standing and walking training (very early mobilization) within 24 h of stroke onset vs. usual stroke unit care. <i>International Journal of Stroke</i> , <b>2015</b> , 10, 23-4	6.3	21
230	Chronic pelvic pain - pain catastrophizing, pelvic pain and quality of life. <i>Scandinavian Journal of Pain</i> , <b>2018</b> , 18, 441-448	1.9	20
229	Does large vessel occlusion affect clinical outcome in stroke with mild neurologic deficits after intravenous thrombolysis?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2014</b> , 23, 2888-2893	2.8	20
228	Fragmentation of the classical magnetic resonance mismatch "penumbral" pattern with time. <i>Stroke</i> , <b>2009</b> , 40, 3752-7	6.7	19
227	Low-Molecular-Weight Heparin and the Relative Risk of Surgical Site Bleeding Complications: Results of a Systematic Review and Meta-Analysis of Randomized Controlled Trials of Venous Thromboprophylaxis in Patients After Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , <b>2017</b> , 32, 2911-2919.e6	4.4	18
226	Every 15-min delay in recanalization by intra-arterial therapy in acute ischemic stroke increases risk of poor outcome. <i>International Journal of Stroke</i> , <b>2015</b> , 10, 1062-7	6.3	18
225	Touchscreen testing reveals clinically relevant cognitive abnormalities in a mouse model of schizophrenia lacking metabotropic glutamate receptor 5. <i>Scientific Reports</i> , <b>2018</b> , 8, 16412	4.9	18
224	Investigating post-stroke fatigue: An individual participant data meta-analysis. <i>Journal of Psychosomatic Research</i> , <b>2018</b> , 113, 107-112	4.1	17
223	Blood Pressure May Be Associated with Arterial Collateralization in Anterior Circulation Ischemic Stroke before Acute Reperfusion Therapy. <i>Journal of Stroke</i> , <b>2017</b> , 19, 222-228	5.6	17
222	Association between hemorrhagic transformation after endovascular therapy and poststroke seizures. <i>Epilepsia</i> , <b>2018</b> , 59, 403-409	6.4	16
221	Longitudinal changes in activity participation in the first year post-stroke and association with depressive symptoms. <i>Disability and Rehabilitation</i> , <b>2019</b> , 41, 2548-2555	2.4	16
220	A Stroke Recovery Trial Development Framework: Consensus-Based Core Recommendations from the Second Stroke Recovery and Rehabilitation Roundtable. <i>Neurorehabilitation and Neural Repair</i> , <b>2019</b> , 33, 959-969	4.7	16
219	Internal jugular and vertebral vein volume flow in patients with clinically isolated syndrome or mild multiple sclerosis and healthy controls: results from a prospective sonographer-blinded study. <i>Phlebology</i> , <b>2014</b> , 29, 528-35	2	16
218	Smartphone electrographic monitoring for atrial fibrillation in acute ischemic stroke and transient ischemic attack. <i>International Journal of Stroke</i> , <b>2017</b> , 12, 786-789	6.3	15
217	Reduction in retained activity participation is associated with depressive symptoms 3 months after mild stroke: An observational cohort study. <i>Journal of Rehabilitation Medicine</i> , <b>2017</b> , 49, 120-127	3.4	15
216	Early mobilization and quality of life after stroke: Findings from AVERT. <i>Neurology</i> , <b>2019</b> , 93, e717-e728	6.5	15

215	Reperfusion after 4.5 hours reduces infarct growth and improves clinical outcomes. <i>International Journal of Stroke</i> , <b>2014</b> , 9, 266-9	6.3	15
214	Thrombolysis for acute ischemic stroke: do patients treated out of hours have a worse outcome?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2014</b> , 23, 427-32	2.8	15
213	Reliability and Utility of the Alberta Stroke Program Early Computed Tomography Score in Hyperacute Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2017</b> , 26, 2547-2552	2.8	15
212	Exploring threats to generalisability in a large international rehabilitation trial (AVERT). <i>BMJ Open</i> , <b>2015</b> , 5, e008378	3	15
211	Higher maternal serum prolactin levels are associated with reduced glucose tolerance during pregnancy. <i>Journal of Diabetes Investigation</i> , <b>2017</b> , 8, 697-700	3.9	14
210	STroke imAging pRevention and treatment (START): A longitudinal stroke cohort study: Clinical trials protocol. <i>International Journal of Stroke</i> , <b>2015</b> , 10, 636-44	6.3	14
209	Estimating glomerular filtration rate: Performance of the CKD-EPI equation over time in patients with type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , <b>2016</b> , 30, 49-54	3.2	14
208	A systematic review protocol of timing, efficacy and cost effectiveness of upper limb therapy for motor recovery post-stroke. <i>Systematic Reviews</i> , <b>2019</b> , 8, 187	3	14
207	AVERT2 (a very early rehabilitation trial, a very effective reproductive trigger): retrospective observational analysis of the number of babies born to trial staff. <i>BMJ, The</i> , <b>2015</b> , 351, h6432	5.9	14
206	Associations of fluid amount, type, and balance and acute kidney injury in patients undergoing major surgery. <i>Anaesthesia and Intensive Care</i> , <b>2018</b> , 46, 79-87	1.1	14
205	Rationale for Intervention and Dose Is Lacking in Stroke Recovery Trials: A Systematic Review. <i>Stroke Research and Treatment</i> , <b>2018</b> , 2018, 8087372	1.7	14
204	Safety of Endovascular Thrombectomy for Acute Ischaemic Stroke in Anticoagulated Patients Ineligible for Intravenous Thrombolysis. <i>Cerebrovascular Diseases</i> , <b>2018</b> , 46, 193-199	3.2	14
203	Diagnostic accuracy of noncontrast CT imaging markers in cerebral venous thrombosis. <i>Neurology</i> , <b>2019</b> , 92, e841-e851	6.5	13
202	Neurological Dysfunction in Early Maturity of a Model for Niemann-Pick C1 Carrier Status. <i>Neurotherapeutics</i> , <b>2016</b> , 13, 614-22	6.4	13
201	Physical Activity After Stroke Is Associated With Increased Interhemispheric Connectivity of the Dorsal Attention Network. <i>Neurorehabilitation and Neural Repair</i> , <b>2017</b> , 31, 157-167	4.7	13
200	A Bahasa Malaysia version of the Montreal Cognitive Assessment: validation in stroke. <i>International Psychogeriatrics</i> , <b>2014</b> , 26, 781-6	3.4	13
199	Artificial intelligence for decision support in acute stroke - current roles and potential. <i>Nature Reviews Neurology</i> , <b>2020</b> , 16, 575-585	15	13
198	Computed tomography perfusion as a diagnostic tool for seizures after ischemic stroke. <i>Neuroradiology</i> , <b>2016</b> , 58, 577-584	3.2	12

197	Leukoaraiosis and early neurological recovery after intravenous thrombolysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2014</b> , 23, 2431-6	2.8	12
196	Tenecteplase vs Alteplase Before Endovascular Therapy in Basilar Artery Occlusion. <i>Neurology</i> , <b>2021</b> , 96, e1272-e1277	6.5	12
195	Additional structured physical activity does not improve walking in older people (>60years) undergoing inpatient rehabilitation: a randomised trial. <i>Journal of Physiotherapy</i> , <b>2018</b> , 64, 237-244	2.9	12
194	Exploratory analysis of factors associated with venous thromboembolism in Victorian acute traumatic spinal cord-injured patients 2010-2013. <i>Spinal Cord</i> , <b>2017</b> , 55, 74-78	2.7	11
193	Early intensive hand rehabilitation is not more effective than usual care plus one-to-one hand therapy in people with sub-acute spinal cord injury ('Hands On'): a randomised trial. <i>Journal of Physiotherapy</i> , <b>2017</b> , 63, 197-204	2.9	11
192	Prevalence and causes of preoperative anaemia in elective major surgery patients. <i>Internal Medicine Journal</i> , <b>2017</b> , 47, 1400-1404	1.6	11
191	Social Isolation Alters Social and Mating Behavior in the R451C Neuroligin Mouse Model of Autism. <i>Neural Plasticity</i> , <b>2017</b> , 2017, 8361290	3.3	11
190	Formalizing process-based risk with Value-Focused Process Engineering. <i>Information Systems and E-Business Management</i> , <b>2011</b> , 9, 447-474	2.6	11
189	Cost-Effectiveness of Tenecteplase Before Thrombectomy for Ischemic Stroke. <i>Stroke</i> , <b>2020</b> , 51, 3681-3689	6.9	11
188	Evaluation of attention in APP/PS1 mice shows impulsive and compulsive behaviours. <i>Genes, Brain and Behavior</i> , <b>2021</b> , 20, e12594	3.6	11
187	A Framework for Designing Inpatient Stroke Rehabilitation Facilities: A New Approach Using Interdisciplinary Value-Focused Thinking. <i>Herd</i> , <b>2019</b> , 12, 142-158	2.4	10
186	Feasibility of using self-reported ethnicity in pregnancy according to the gestation-related optimal weight classification: a cross-sectional study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2018</b> , 125, 704-709	3.7	10
185	Treatment with exenatide in acute ischemic stroke trial protocol: A prospective, randomized, open label, blinded end-point study of exenatide vs. standard care in post stroke hyperglycemia. <i>International Journal of Stroke</i> , <b>2018</b> , 13, 857-862	6.3	10
184	Dose Articulation in Preclinical and Clinical Stroke Recovery: Refining a Discovery Research Pipeline and Presenting a Scoping Review Protocol. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 1148	4.1	10
183	In vivo microstructural heterogeneity of white matter lesions in healthy elderly and Alzheimer's disease participants using tissue compositional analysis of diffusion MRI data. <i>NeuroImage: Clinical</i> , <b>2020</b> , 28, 102479	5.3	10
182	Altering the rehabilitation environment to improve stroke survivor activity: A Phase II trial. <i>International Journal of Stroke</i> , <b>2021</b> , 17474930211006999	6.3	10
181	Early Recanalization Postintravenous Thrombolysis in Ischemic Stroke with Large Vessel Occlusion: A Digital Subtraction Angiography Study. <i>CNS Neuroscience and Therapeutics</i> , <b>2016</b> , 22, 643-7	6.8	10
180	Early intensive hand rehabilitation is not more effective than usual care plus one-to-one hand therapy in people with sub-acute spinal cord injury ('Hands On'): a randomised trial. <i>Journal of Physiotherapy</i> , <b>2016</b> , 62, 88-95	2.9	10



179	Mutations in neuroligin-3 in male mice impact behavioral flexibility but not relational memory in a touchscreen test of visual transitive inference. <i>Molecular Autism</i> , <b>2019</b> , 10, 42	6.5	10
178	Accuracy and Reliability of Stroke Diagnosis in the Pediatric Emergency Department. <i>Stroke</i> , <b>2017</b> , 48, 1198-1202	6.7	9
177	Permeability Measures Predict Hemorrhagic Transformation after Ischemic Stroke. <i>Annals of Neurology</i> , <b>2020</b> , 88, 466-476	9.4	9
176	Association between implementation of a code stroke system and poststroke epilepsy. <i>Neurology</i> , <b>2018</b> , 90, e1126-e1133	6.5	9
175	Differentiating arterial ischaemic stroke from migraine in the paediatric emergency department. <i>Developmental Medicine and Child Neurology</i> , <b>2018</b> , 60, 1117-1122	3.3	9
174	Diagnostic performance of the Chronic Kidney Disease Epidemiology Collaboration (CKD-EPI) equation at estimating glomerular filtration rate in adults with diabetes mellitus: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , <b>2019</b> , 9, e031558	3	9
173	Advancing Stroke Recovery Through Improved Articulation of Nonpharmacological Intervention Dose. <i>Stroke</i> , <b>2021</b> , 52, 761-769	6.7	9
172	Is there association between hyperdense middle cerebral artery sign on CT scan and time from stroke onset within the first 24-hours?. <i>BMC Neurology</i> , <b>2015</b> , 15, 101	3.1	8
171	Aeromedical Retrieval for Stroke in Australia. <i>Cerebrovascular Diseases</i> , <b>2020</b> , 49, 334-340	3.2	8
170	Is early rehabilitation a myth? Physical inactivity in the first week after myocardial infarction and stroke. <i>Disability and Rehabilitation</i> , <b>2016</b> , 38, 1493-1499	2.4	8
169	Early Mobilization After Stroke Is Not Associated With Cognitive Outcome. <i>Stroke</i> , <b>2018</b> , 49, 2147-2154	6.7	8
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162	Endovascular Clot Retrieval by Hub-and-Spoke Service Delivery is Feasible Compared with Direct-to-Mothership. <i>Cerebrovascular Diseases</i> , <b>2018</b> , 46, 172-177	3.2	8

161	Hypothermia revisited: Impact of ischaemic duration and between experiment variability. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2017</b> , 37, 3380-3390	7.3	7
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158	Remote intracerebral haemorrhage post intravenous thrombolysis: experience from an Australian stroke centre. <i>Journal of Clinical Neuroscience</i> , <b>2015</b> , 22, 352-6	2.2	7
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155	Cation leak underlies neuronal excitability in an HCN1 developmental and epileptic encephalopathy. <i>Brain</i> , <b>2021</b> , 144, 2060-2073	11.2	7
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150	Assessing TEG6S reliability between devices and across multiple time points: A prospective thromboelastography validation study. <i>Scientific Reports</i> , <b>2020</b> , 10, 7045	4.9	6
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147	Growth changes after inhalant abuse and toluene exposure: A systematic review and meta-analysis of human and animal studies. <i>Human and Experimental Toxicology</i> , <b>2019</b> , 38, 157-172	3.4	6
146	The Missing Medians: Exclusion of Ordinal Data from Meta-Analyses. <i>PLoS ONE</i> , <b>2015</b> , 10, e0145580	3.7	6
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144	Timing and Dose of Upper Limb Motor Intervention After Stroke: A Systematic Review. <i>Stroke</i> , <b>2021</b> , 52, 3706-3717	6.7	6

143	Intrathecal morphine is associated with reduction in postoperative opioid requirements and improvement in postoperative analgesia in patients undergoing open liver resection. <i>BMC Anesthesiology</i> , <b>2020</b> , 20, 207	2.4	6
142	Healthy Life-Year Costs of Treatment Speed From Arrival to Endovascular Thrombectomy in Patients With Ischemic Stroke: A Meta-analysis of Individual Patient Data From 7 Randomized Clinical Trials. <i>JAMA Neurology</i> , <b>2021</b> , 78, 709-717	17.2	6
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140	DBS of thalamic centromedian nucleus for Lennox-Gastaut syndrome (ESTEL trial). <i>Annals of Neurology</i> , <b>2021</b> ,	9.4	6
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137	The incidence, predictors and outcomes of QTc prolongation in critically ill patients. <i>Journal of Critical Care</i> , <b>2019</b> , 54, 244-249	4	5
136	Combining problem structuring methods with simulation: The philosophical and practical challenges <b>2014</b> , 52-75		5
135	Theoretical comparison of discrete-event simulation and system dynamics <b>2014</b> , 105-124		5
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132	Safety and Efficacy of Induction and Maintenance Avelumab Plus R-CHOP in Patients with Diffuse Large B-Cell Lymphoma (DLBCL): Analysis of the Phase II Avr-CHOP Study. <i>Blood</i> , <b>2020</b> , 136, 43-44	2.2	5
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109	Hybrid modelling case studies <b>2014</b> , 295-317		3
108	Reducing sedentary time and fat mass may improve glucose tolerance and insulin sensitivity in adults surviving 6 months after stroke: A phase I pilot study. <i>European Stroke Journal</i> , <b>2017</b> , 2, 144-153	5.6	3

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61	Models as interfaces <b>2014</b> , 125-139		1
60	Vensim and the development of system dynamics <b>2014</b> , 215-247		1
59	Multiscale modelling for public health management: A practical guide <b>2014</b> , 280-294		1
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