

Malcolm R Macleod

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

262
papers

36,477
citations

78
h-index

190
g-index

299
ext. papers

44,334
ext. citations

10.7
avg, IF

7.2
L-index

#	Paper	IF	Citations
262	The reproducibility debate is an opportunity, not a crisis.. <i>BMC Research Notes</i> , 2022 , 15, 43	2.3	3
261	What has preclinical systematic review ever done for us?. <i>BMJ Open Science</i> , 2022 , 6, e100219	4.6	0
260	Improving the reproducibility and integrity of research: what can different stakeholders contribute?. <i>BMC Research Notes</i> , 2022 , 15, 146	2.3	0
259	Meta-analysis on reporting practices as a source of heterogeneity in in vitro cancer research. <i>BMJ Open Science</i> , 2022 , 6, e100272	4.6	
258	Using median survival in meta-analysis of experimental time-to-event data. <i>Systematic Reviews</i> , 2021 , 10, 292	3	0
257	Clinical trials in amyotrophic lateral sclerosis: a systematic review and perspective.. <i>Brain Communications</i> , 2021 , 3, fcab242	4.5	0
256	Risk of bias assessment in preclinical literature using natural language processing. <i>Research Synthesis Methods</i> , 2021 ,	7.2	1
255	Systematic review and meta-analysis of cannabinoids, cannabis-based medicines, and endocannabinoid system modulators tested for antinociceptive effects in animal models of injury-related or pathological persistent pain. <i>Pain</i> , 2021 , 162, S26-S44	8	17
254	Development and uptake of an online systematic review platform: the early years of the CAMARADES Systematic Review Facility (SyRF).. <i>BMJ Open Science</i> , 2021 , 5, e100103	4.6	5
253	Regulatory delays in a multinational clinical stroke trial. <i>European Stroke Journal</i> , 2021 , 6, 120-127	5.6	2
252	Meta-analysis of variation suggests that embracing variability improves both replicability and generalizability in preclinical research. <i>PLoS Biology</i> , 2021 , 19, e3001009	9.7	7
251	Epidemiology and reporting characteristics of preclinical systematic reviews. <i>PLoS Biology</i> , 2021 , 19, e3001177	9.7	5
250	Introduction to the EQIPD quality system. <i>ELife</i> , 2021 , 10,	8.9	11
249	Red blood cell transfusion in animal models of acute brain injuries: a systematic review protocol. <i>Systematic Reviews</i> , 2021 , 10, 177	3	
248	Technological advances in preclinical meta-research.. <i>BMJ Open Science</i> , 2021 , 5, e100131	4.6	0
247	Comparison of commonly used methods in random effects meta-analysis: application to preclinical data in drug discovery research.. <i>BMJ Open Science</i> , 2021 , 5, e100074	4.6	1
246	Improving research quality: the view from the UK Reproducibility Network institutional leads for research improvement.. <i>BMC Research Notes</i> , 2021 , 14, 458	2.3	1

245	A Systematic Review and Meta-Analysis of Hypothermia in Experimental Traumatic Brain Injury: Why Have Promising Animal Studies Not Been Replicated in Pragmatic Clinical Trials?. <i>Journal of Neurotrauma</i> , 2020 , 37, 2057-2068	5.4	5
244	UK consensus on pre-clinical vascular cognitive impairment functional outcomes assessment: Questionnaire and workshop proceedings. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020 , 40, 1402-1414 ^O	7.3	1414 ^O
243	Neurological and neuropsychiatric complications of COVID-19 in 153 patients: a UK-wide surveillance study. <i>Lancet Psychiatry</i> , 2020 , 7, 875-882	23.3	615
242	Systematic review of guidelines for internal validity in the design, conduct and analysis of preclinical biomedical experiments involving laboratory animals.. <i>BMJ Open Science</i> , 2020 , 4, e100046	4.6	16
241	The ARRIVE guidelines 2.0: updated guidelines for reporting animal research. <i>BMJ Open Science</i> , 2020 , 4, e100115	4.6	30
240	Meta-analysis of targeted temperature management in animal models of cardiac arrest. <i>Intensive Care Medicine Experimental</i> , 2020 , 8, 3	3.7	16
239	The worldwide clinical trial research response to the COVID-19 pandemic - the first 100 days. <i>F1000Research</i> , 2020 , 9, 1193	3.6	28
238	The worldwide clinical trial research response to the COVID-19 pandemic - the first 100 days. <i>F1000Research</i> , 2020 , 9, 1193	3.6	22
237	Effects of dietary fat manipulation on cognition in mice and rats: protocol for a systematic review and meta-analysis.. <i>BMJ Open Science</i> , 2020 , 4, e100108	4.6	2
236	Framework for advancing rigorous research. <i>ELife</i> , 2020 , 9,	8.9	8
235	Identifying and understanding factors that affect the translation of therapies from the laboratory to patients: a study protocol. <i>F1000Research</i> , 2020 , 9, 485	3.6	2
234	Research Culture and Reproducibility. <i>Trends in Cognitive Sciences</i> , 2020 , 24, 91-93	14	17
233	The ARRIVE guidelines 2.0: Updated guidelines for reporting animal research. <i>BMC Veterinary Research</i> , 2020 , 16, 242	2.7	42
232	The ARRIVE guidelines 2.0: Updated guidelines for reporting animal research. <i>PLoS Biology</i> , 2020 , 18, e3000410	9.7	757
231	Reporting animal research: Explanation and elaboration for the ARRIVE guidelines 2.0. <i>PLoS Biology</i> , 2020 , 18, e3000411	9.7	352
230	The ARRIVE guidelines 2.0: Updated guidelines for reporting animal research. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020 , 40, 1769-1777	7.3	220
229	The ARRIVE guidelines 2.0: Updated guidelines for reporting animal research. <i>British Journal of Pharmacology</i> , 2020 , 177, 3617-3624	8.6	99
228	Can harmonisation of outcomes bridge the translation gap for pre-clinical research? A systematic review of outcomes measured in mouse models of type 2 diabetes. <i>Journal of Translational Medicine</i> , 2020 , 18, 468	8.5	2

227	Design of Meta-Analysis Studies. <i>Handbook of Experimental Pharmacology</i> , 2020 , 257, 299-317	3.2	2
226	Outcome heterogeneity and bias in acute experimental spinal cord injury: A meta-analysis. <i>Neurology</i> , 2019 , 93, e40-e51	6.5	14
225	A randomised controlled trial of an Intervention to Improve Compliance with the ARRIVE guidelines (ICARus). <i>Research Integrity and Peer Review</i> , 2019 , 4, 12	6.1	61
224	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> , 2019 , 394, 139-147	4.0	194
223	Effects of antiplatelet therapy on stroke risk by brain imaging features of intracerebral haemorrhage and cerebral small vessel diseases: subgroup analyses of the RESTART randomised, open-label trial. <i>Lancet Neurology, The</i> , 2019 , 18, 643-652	24.1	43
222	Animal models of chemotherapy-induced peripheral neuropathy: A machine-assisted systematic review and meta-analysis. <i>PLoS Biology</i> , 2019 , 17, e3000243	9.7	29
221	Therapeutic hypothermia for acute ischaemic stroke. Results of a European multicentre, randomised, phase III clinical trial. <i>European Stroke Journal</i> , 2019 , 4, 254-262	5.6	24
220	Machine learning algorithms for systematic review: reducing workload in a preclinical review of animal studies and reducing human screening error. <i>Systematic Reviews</i> , 2019 , 8, 23	3	45
219	Targeting mitochondrial dysfunction in amyotrophic lateral sclerosis: a systematic review and meta-analysis. <i>Brain Communications</i> , 2019 , 1, fcz009	4.5	8
218	Ischaemic stroke. <i>Nature Reviews Disease Primers</i> , 2019 , 5, 70	51.1	322
217	Identifying stroke therapeutics from preclinical models: A protocol for a novel application of network meta-analysis. <i>F1000Research</i> , 2019 , 8, 11	3.6	6
216	Reproducibility and Rigor in Animal-Based Research. <i>ILAR Journal</i> , 2019 , 60, 17-23	1.7	29
215	Compressive Pressure Versus Time in Cauda Equina Syndrome: A Systematic Review and Meta-Analysis of Experimental Studies. <i>Spine</i> , 2019 , 44, 1238-1247	3.3	5
214	Administration of galacto-oligosaccharide prebiotics in the Flinders Sensitive Line animal model of depression.. <i>BMJ Open Science</i> , 2019 , 3, e000017	4.6	0
213	Effects of fluoxetine on functional outcomes after acute stroke (FOCUS): a pragmatic, double-blind, randomised, controlled trial. <i>Lancet, The</i> , 2019 , 393, 265-274	4.0	145
212	Reader response: Evaluating depression and suicidality in tetrabenazine users with Huntington disease. <i>Neurology</i> , 2019 , 92, 447-448	6.5	1
211	NX-059, a Failed Stroke Neuroprotectant, Offers No Protection to Stem Cell-Derived Human Neurons. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018 , 27, 2158-2165	2.8	15
210	The development and evaluation of an online application to assist in the extraction of data from graphs for use in systematic reviews. <i>Wellcome Open Research</i> , 2018 , 3, 157	4.8	13

209	The development and evaluation of an online application to assist in the extraction of data from graphs for use in systematic reviews. <i>Wellcome Open Research</i> , 2018 , 3, 157	4.8	13
208	Facilitating healthcare decisions by assessing the certainty in the evidence from preclinical animal studies. <i>PLoS ONE</i> , 2018 , 13, e0187271	3.7	51
207	A systematic review and meta-analysis of topoisomerase inhibition in pre-clinical glioma models. <i>Oncotarget</i> , 2018 , 9, 11387-11401	3.3	5
206	Protocol for a systematic review of guidelines for rigour in the design, conduct and analysis of biomedical experiments involving laboratory animals.. <i>BMJ Open Science</i> , 2018 , 2, e000004	4.6	2
205	Potentially serious incidental findings on brain and body magnetic resonance imaging of apparently asymptomatic adults: systematic review and meta-analysis. <i>BMJ, The</i> , 2018 , 363, k4577	5.9	40
204	Revision of the ARRIVE guidelines: rationale and scope. <i>BMJ Open Science</i> , 2018 , 2, e000002	4.6	20
203	The reproducibility opportunity. <i>Nature Human Behaviour</i> , 2018 , 2, 616-617	12.8	2
202	PRECIOUS: PREvention of Complications to Improve OUTcome in elderly patients with acute Stroke. Rationale and design of a randomised, open, phase III, clinical trial with blinded outcome assessment. <i>European Stroke Journal</i> , 2018 , 3, 291-298	5.6	16
201	Effect size and statistical power in the rodent fear conditioning literature - A systematic review. <i>PLoS ONE</i> , 2018 , 13, e0196258	3.7	11
200	Systematic Review and Meta-analysis: Important Tools in Understanding Drug Development for Stroke. <i>Springer Series in Translational Stroke Research</i> , 2017 , 73-93	0.1	
199	Hypothermia revisited: Impact of ischaemic duration and between experiment variability. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 3380-3390	7.3	7
198	Increasing value and reducing waste in stroke research. <i>Lancet Neurology, The</i> , 2017 , 16, 399-408	24.1	29
197	The Experimental Design Assistant. <i>Nature Methods</i> , 2017 , 14, 1024-1025	21.6	19
196	Findings of a retrospective, controlled cohort study of the impact of a change in Nature journalsQ editorial policy for life sciences research on the completeness of reporting study design and execution 2017 ,		12
195	Risk of bias reporting in the recent animal focal cerebral ischaemia literature. <i>Clinical Science</i> , 2017 , 131, 2525-2532	6.5	16
194	Statistical analysis plan for the EuroHYP-1 trial: European multicentre, randomised, phase III clinical trial of the therapeutic hypothermia plus best medical treatment versus best medical treatment alone for acute ischaemic stroke. <i>Trials</i> , 2017 , 18, 573	2.8	5
193	No publication without confirmation. <i>Nature</i> , 2017 , 542, 409-411	50.4	45
192	Living systematic reviews: 4. Living guideline recommendations. <i>Journal of Clinical Epidemiology</i> , 2017 , 91, 47-53	5.7	81

191	Living systematic review: 1. Introduction-the why, what, when, and how. <i>Journal of Clinical Epidemiology</i> , 2017 , 91, 23-30	5.7	211
190	Living systematic reviews: 2. Combining human and machine effort. <i>Journal of Clinical Epidemiology</i> , 2017 , 91, 31-37	5.7	156
189	Living systematic reviews: 3. Statistical methods for updating meta-analyses. <i>Journal of Clinical Epidemiology</i> , 2017 , 91, 38-46	5.7	74
188	The IMPROVE Guidelines (Ischaemia Models: Procedural Refinements Of in Vivo Experiments). <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 3488-3517	7.3	74
187	Identification and characterization of outcome measures reported in animal models of epilepsy: Protocol for a systematic review of the literature-A TASK2 report of the AES/ILAE Translational Task Force of the ILAE. <i>Epilepsia</i> , 2017 , 58 Suppl 4, 68-77	6.4	5
186	Animal Models of Ischemic Stroke Versus Clinical Stroke: Comparison of Infarct Size, Cause, Location, Study Design, and Efficacy of Experimental Therapies 2017 , 481-523		3
185	Alpha Calcitonin Gene-Related Peptide Increases Cerebral Vessel Diameter in Animal Models of Subarachnoid Hemorrhage: A Systematic Review and Meta-analysis. <i>Frontiers in Neurology</i> , 2017 , 8, 357	4.1	7
184	The Experimental Design Assistant. <i>PLoS Biology</i> , 2017 , 15, e2003779	9.7	41
183	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> , 2017 , 12, e0171688	3.7	33
182	Development of a psychological intervention for fatigue after stroke. <i>PLoS ONE</i> , 2017 , 12, e0183286	3.7	12
181	D-galactose-induced brain ageing model: A systematic review and meta-analysis on cognitive outcomes and oxidative stress indices. <i>PLoS ONE</i> , 2017 , 12, e0184122	3.7	52
180	Standardized mean differences cause funnel plot distortion in publication bias assessments. <i>ELife</i> , 2017 , 6,	8.9	83
179	Systematic Review and Meta-Analysis of the Efficacy of Interleukin-1 Receptor Antagonist in Animal Models of Stroke: an Update. <i>Translational Stroke Research</i> , 2016 , 7, 395-406	7.8	48
178	Protocol for a Systematic Review of Effect Sizes and Statistical Power in the Rodent Fear Conditioning Literature. <i>Evidence-based Preclinical Medicine</i> , 2016 , 3, 24		2
177	Study protocol - A systematic review and meta-analysis of hypothermia in experimental traumatic brain injury: Why have promising animal studies not been replicated in pragmatic clinical trials?. <i>Evidence-based Preclinical Medicine</i> , 2016 , 3, e00020		8
176	Understanding in vivo modelling of depression in non-human animals: a systematic review protocol. <i>Evidence-based Preclinical Medicine</i> , 2016 , 3, e00024		4
175	A proposed framework for the systematic review and integrated assessment (SYRINA) of endocrine disrupting chemicals. <i>Environmental Health</i> , 2016 , 15, 74	6	70
174	Failed trials for central nervous system disorders do not necessarily invalidate preclinical models and drug targets. <i>Nature Reviews Drug Discovery</i> , 2016 , 15, 516	64.1	42

173	Cardiac Stem Cell Treatment in Myocardial Infarction: A Systematic Review and Meta-Analysis of Preclinical Studies. <i>Circulation Research</i> , 2016 , 118, 1223-32	15.7	112
172	Translational failure of anti-inflammatory compounds for myocardial infarction: a meta-analysis of large animal models. <i>Cardiovascular Research</i> , 2016 , 109, 240-8	9.9	21
171	Olfactory Ensheathing Cell Transplantation in Experimental Spinal Cord Injury: Effect size and Reporting Bias of 62 Experimental Treatments: A Systematic Review and Meta-Analysis. <i>PLoS Biology</i> , 2016 , 14, e1002468	9.7	60
170	The Efficacy of Trastuzumab in Animal Models of Breast Cancer: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2016 , 11, e0158240	3.7	6
169	Multicenter Evaluation of Geometric Accuracy of MRI Protocols Used in Experimental Stroke. <i>PLoS ONE</i> , 2016 , 11, e0162545	3.7	4
168	The Devil Is in the Details: Incomplete Reporting in Preclinical Animal Research. <i>PLoS ONE</i> , 2016 , 11, e0166733	6.7	65
167	How to Avoid Bumping into the Translational Roadblock. <i>NeuroMethods</i> , 2016 , 7-17	0.4	
166	Evaluating mesenchymal stem cell therapy for sepsis with preclinical meta-analyses prior to initiating a first-in-human trial. <i>ELife</i> , 2016 , 5,	8.9	56
165	Improving our understanding of the modelling of psychotic disorders: A protocol for a systematic review and meta-analysis. <i>Evidence-based Preclinical Medicine</i> , 2016 , 3, e00022		3
164	SWIFT-Review: a text-mining workbench for systematic review. <i>Systematic Reviews</i> , 2016 , 5, 87	3	74
163	Protocol for a retrospective, controlled cohort study of the impact of a change in Nature journalsQ editorial policy for life sciences research on the completeness of reporting study design and execution. <i>Scientometrics</i> , 2016 , 108, 315-328	3	17
162	Efficacy and safety of very early mobilisation within 24 h of stroke onset (AVERT): a randomised controlled trial. <i>Lancet, The</i> , 2015 , 386, 46-55	40	440
161	Antiplatelet treatment compared with anticoagulation treatment for cervical artery dissection (CADISS): a randomised trial. <i>Lancet Neurology, The</i> , 2015 , 14, 361-7	24.1	330
160	Similar effect of autologous and allogeneic cell therapy for ischemic heart disease: systematic review and meta-analysis of large animal studies. <i>Circulation Research</i> , 2015 , 116, 80-6	15.7	76
159	Prof Benchie and Dr Athena-A modern tragedy□ <i>Evidence-based Preclinical Medicine</i> , 2015 , 2, e00008		1
158	EBRNetwork ▯ call to action for evidence-based research. <i>Trials</i> , 2015 , 16,	2.8	78
157	Interventions for post-stroke fatigue. <i>The Cochrane Library</i> , 2015 , CD007030	5.2	46
156	Risk of Bias in Reports of In Vivo Research: A Focus for Improvement. <i>PLoS Biology</i> , 2015 , 13, e1002273	9.7	160

155	Consent for Brain Tissue Donation after Intracerebral Haemorrhage: A Community-Based Study. <i>PLoS ONE</i> , 2015 , 10, e0135043	3.7	11
154	Informatics: Make sense of health data. <i>Nature</i> , 2015 , 527, 31-2	50.4	17
153	Effect of endothelin receptor antagonists on clinically relevant outcomes after experimental subarachnoid hemorrhage: a systematic review and meta-analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 1085-9	7.3	20
152	Model of understanding fatigue after stroke. <i>Stroke</i> , 2015 , 46, 893-8	6.7	79
151	Magnetic resonance imaging in experimental stroke and comparison with histology: systematic review and meta-analysis. <i>Stroke</i> , 2015 , 46, 843-51	6.7	29
150	Influence of intracerebral hemorrhage location on incidence, characteristics, and outcome: population-based study. <i>Stroke</i> , 2015 , 46, 361-8	6.7	98
149	Drug repurposing: a systematic approach to evaluate candidate oral neuroprotective interventions for secondary progressive multiple sclerosis. <i>PLoS ONE</i> , 2015 , 10, e0117705	3.7	40
148	Meta-analysis of data from animal studies: a practical guide. <i>Journal of Neuroscience Methods</i> , 2014 , 221, 92-102	3	250
147	Increasing value and reducing waste in research design, conduct, and analysis. <i>Lancet, The</i> , 2014 , 383, 166-75	40	870
146	Eдарavone improves functional and structural outcomes in animal models of focal cerebral ischemia: a systematic review. <i>International Journal of Stroke</i> , 2014 , 9, 101-6	6.3	25
145	Efficacy of antidepressants in animal models of ischemic stroke: a systematic review and meta-analysis. <i>Stroke</i> , 2014 , 45, 3055-63	6.7	53
144	Systematic review and meta-analysis of interventions tested in animal models of lacunar stroke. <i>Stroke</i> , 2014 , 45, 563-70	6.7	28
143	Systematic reviews and meta-analysis of preclinical studies: why perform them and how to appraise them critically. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014 , 34, 737-42	7.3	156
142	EuroHYP-1: European multicenter, randomized, phase III clinical trial of therapeutic hypothermia plus best medical treatment vs. best medical treatment alone for acute ischemic stroke. <i>International Journal of Stroke</i> , 2014 , 9, 642-5	6.3	103
141	Efficacy and safety of mesenchymal stromal cells in preclinical models of acute lung injury: a systematic review protocol. <i>Systematic Reviews</i> , 2014 , 3, 48	3	27
140	Clopidogrel plus aspirin versus warfarin in patients with stroke and aortic arch plaques. <i>Stroke</i> , 2014 , 45, 1248-57	6.7	143
139	Using animal models to understand cancer pain in humans. <i>Current Pain and Headache Reports</i> , 2014 , 18, 423	4.2	12
138	End-of-life decisions in patients with severe acute brain injury. <i>Lancet Neurology, The</i> , 2014 , 13, 515-24	24.1	74

137	Biomedical research: increasing value, reducing waste. <i>Lancet, The</i> , 2014 , 383, 101-4	40	527
136	Preclinical research: Design animal studies better. <i>Nature</i> , 2014 , 510, 35	50.4	9
135	Efficacy and safety of rivaroxaban compared with warfarin among elderly patients with nonvalvular atrial fibrillation in the Rivaroxaban Once Daily, Oral, Direct Factor Xa Inhibition Compared With Vitamin K Antagonism for Prevention of Stroke and Embolism Trial in Atrial Fibrillation (ROCKET AF). <i>Circulation</i> , 2014 , 130, 138-46	16.7	281
134	Increasing value and reducing waste in biomedical research regulation and management. <i>Lancet, The</i> , 2014 , 383, 176-85	40	281
133	A systematic review and meta-analysis of gene therapy in animal models of cerebral glioma: why did promise not translate to human therapy?. <i>Evidence-based Preclinical Medicine</i> , 2014 , 1, e00006		10
132	Two decades testing interventions in transgenic mouse models of Alzheimer's disease: designing and interpreting studies for clinical trial success. <i>Clinical Investigation</i> , 2014 , 4, 693-704		4
131	A (mini) pill for stroke?. <i>Brain</i> , 2014 , 137, 311-2	11.2	
130	Psychological associations of poststroke fatigue: a systematic review and meta-analysis. <i>Stroke</i> , 2014 , 45, 1778-83	6.7	51
129	Some salt with your statin, professor?. <i>PLoS Biology</i> , 2014 , 12, e1001768	9.7	5
128	Hypothermia protects human neurons. <i>International Journal of Stroke</i> , 2014 , 9, 544-52	6.3	18
127	Exercise reduces infarct volume and facilitates neurobehavioral recovery: results from a systematic review and meta-analysis of exercise in experimental models of focal ischemia. <i>Neurorehabilitation and Neural Repair</i> , 2014 , 28, 800-12	4.7	32
126	Effect and reporting bias of RhoA/ROCK-blockade intervention on locomotor recovery after spinal cord injury: a systematic review and meta-analysis. <i>JAMA Neurology</i> , 2014 , 71, 91-9	17.2	66
125	Bringing rigour to translational medicine. <i>Nature Reviews Neurology</i> , 2014 , 10, 37-43	15	87
124	Incidence, prevalence, and predictors of chemotherapy-induced peripheral neuropathy: A systematic review and meta-analysis. <i>Pain</i> , 2014 , 155, 2461-2470	8	651
123	Outcome after conservative management or intervention for unruptured brain arteriovenous malformations. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 1661-9	27.4	160
122	Therapeutic hypothermia and the risk of infection: a systematic review and meta-analysis. <i>Critical Care Medicine</i> , 2014 , 42, 231-42	1.4	120
121	Research: increasing value, reducing waste - Authors' reply. <i>Lancet, The</i> , 2014 , 383, 1126-7	40	5
120	The benefit of hypothermia in experimental ischemic stroke is not affected by pethidine. <i>International Journal of Stroke</i> , 2013 , 8, 180-5	6.3	12

119	Systematic review and stratified meta-analysis of the efficacy of RhoA and Rho kinase inhibitors in animal models of ischaemic stroke. <i>Systematic Reviews</i> , 2013 , 2, 33	3	37
118	Hypertension and experimental stroke therapies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 1141-7	7.3	28
117	Effectiveness of intermittent pneumatic compression in reduction of risk of deep vein thrombosis in patients who have had a stroke (CLOTS 3): a multicentre randomised controlled trial. <i>Lancet, The</i> , 2013 , 382, 516-24	40	228
116	Animal Models of Stroke Versus Clinical Stroke: Comparison of Infarct Size, Cause, Location, Study Design, and Efficacy of Experimental Therapies 2013 , 531-568		2
115	Edoxaban versus warfarin in patients with atrial fibrillation. <i>New England Journal of Medicine</i> , 2013 , 369, 2093-104	59.2	3215
114	Systematic review and meta-analysis of temozolomide in animal models of glioma: was clinical efficacy predicted?. <i>British Journal of Cancer</i> , 2013 , 108, 64-71	8.7	69
113	Transparency in the reporting of in vivo pre-clinical pain research: The relevance and implications of the ARRIVE (Animal Research: Reporting In Vivo Experiments) guidelines. <i>Scandinavian Journal of Pain</i> , 2013 , 4, 58-62	1.9	29
112	Prevalence and natural history of pain in adults with multiple sclerosis: systematic review and meta-analysis. <i>Pain</i> , 2013 , 154, 632-642	8	169
111	Animal models of bone cancer pain: systematic review and meta-analyses. <i>Pain</i> , 2013 , 154, 917-26	8	99
110	Evidence-based translational medicine. <i>Stroke</i> , 2013 , 44, 1466-71	6.7	20
109	A concerted appeal for international cooperation in preclinical stroke research. <i>Stroke</i> , 2013 , 44, 1754-60	6.7	81
108	Stem cell transplantation in traumatic spinal cord injury: a systematic review and meta-analysis of animal studies. <i>PLoS Biology</i> , 2013 , 11, e1001738	9.7	90
107	Evaluation of excess significance bias in animal studies of neurological diseases. <i>PLoS Biology</i> , 2013 , 11, e1001609	9.7	184
106	Meta-analysis of pre-clinical studies of early decompression in acute spinal cord injury: a battle of time and pressure. <i>PLoS ONE</i> , 2013 , 8, e72659	3.7	64
105	Systematic review and meta-analysis of therapeutic hypothermia in animal models of spinal cord injury. <i>PLoS ONE</i> , 2013 , 8, e71317	3.7	41
104	Untreated clinical course of cerebral cavernous malformations: a prospective, population-based cohort study. <i>Lancet Neurology, The</i> , 2012 , 11, 217-24	24.1	180
103	Rivaroxaban compared with warfarin in patients with atrial fibrillation and previous stroke or transient ischaemic attack: a subgroup analysis of ROCKET AF. <i>Lancet Neurology, The</i> , 2012 , 11, 315-22	24.1	252
102	Antiplatelet therapy and the effects of B vitamins in patients with previous stroke or transient ischaemic attack: a post-hoc subanalysis of VITATOPS, a randomised, placebo-controlled trial. <i>Lancet Neurology, The</i> , 2012 , 11, 512-20	24.1	57

101	Stem cell-based therapy for experimental stroke: a systematic review and meta-analysis. <i>International Journal of Stroke</i> , 2012 , 7, 582-8	6.3	104
100	Improving the efficiency of the development of drugs for stroke. <i>International Journal of Stroke</i> , 2012 , 7, 371-7	6.3	42
99	The benefits and harms of intravenous thrombolysis with recombinant tissue plasminogen activator within 6 h of acute ischaemic stroke (the third international stroke trial [IST-3]): a randomised controlled trial. <i>Lancet, The</i> , 2012 , 379, 2352-63	4.0	841
98	A call for transparent reporting to optimize the predictive value of preclinical research. <i>Nature</i> , 2012 , 490, 187-91	50.4	795
97	Voltage-gated potassium channel antibody-related encephalopathy: a case which may extend the documented phenotype of this condition. <i>BMJ Case Reports</i> , 2012 , 2012,	0.9	3
96	Vorapaxar in the secondary prevention of atherothrombotic events. <i>New England Journal of Medicine</i> , 2012 , 366, 1404-13	59.2	694
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7	Animal models of chemotherapy-induced peripheral neuropathy: a machine-assisted systematic review and meta-analysis		2
6	A randomised controlled trial of an Intervention to Improve Compliance with the ARRIVE guidelines (IICARus)		5
5	The ARRIVE guidelines 2019: updated guidelines for reporting animal research		32
4	Reporting animal research: Explanation and Elaboration for the ARRIVE guidelines 2019		4
3	The Automated Systematic Search Deduplicator (ASySD): a rapid, open-source, interoperable tool to remove duplicate citations in biomedical systematic reviews		2
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