

Robert W Regenhardt

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

2,721
citations

236833

25
h-index

197736

49
g-index

117
all docs

117
docs citations

117
times ranked

3455
citing authors

#	ARTICLE	IF	CITATIONS
1	Intramuscular injection of α -synuclein induces CNS α -synuclein pathology and a rapid-onset motor phenotype in transgenic mice. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10732-10737.	3.3	277
2	Intensive vs Standard Treatment of Hyperglycemia and Functional Outcome in Patients With Acute Ischemic Stroke. JAMA - Journal of the American Medical Association, 2019, 322, 326.	3.8	258
3	Cerebroprotection by angiotensin-(1-7) in endothelin-1-induced ischaemic stroke. Experimental Physiology, 2011, 96, 1084-1096.	0.9	169
4	Advances in Understanding the Pathophysiology of Lacunar Stroke. JAMA Neurology, 2018, 75, 1273.	4.5	151
5	Effect of Long-term Continuous Cardiac Monitoring vs Usual Care on Detection of Atrial Fibrillation in Patients With Stroke Attributed to Large- or Small-Vessel Disease. JAMA - Journal of the American Medical Association, 2021, 325, 2169.	3.8	114
6	Telerobotic neurovascular interventions with magnetic manipulation. Science Robotics, 2022, 7, eabg9907.	9.9	114
7	Anti-inflammatory effects of angiotensin-(1-7) in ischemic stroke. Neuropharmacology, 2013, 71, 154-163.	2.0	105
8	Asymptomatic Cerebral Small Vessel Disease: Insights from Population-Based Studies. Journal of Stroke, 2019, 21, 121-138.	1.4	98
9	Blood Pressure and Penumbra Sustainment in Stroke from Large Vessel Occlusion. Frontiers in Neurology, 2017, 8, 317.	1.1	83
10	Clinical Imaging Factors Associated With Infarct Progression in Patients With Ischemic Stroke During Transfer for Mechanical Thrombectomy. JAMA Neurology, 2017, 74, 1361.	4.5	76
11	Neuroprotective Mechanisms of the ACE2-Angiotensin-(1-7)-Mas Axis in Stroke. Current Hypertension Reports, 2015, 17, 3.	1.5	70
12	Association Between Immunosuppressive Treatment and Outcomes of Cerebral Amyloid Angiopathy-Related Inflammation. JAMA Neurology, 2020, 77, 1261.	4.5	70
13	Delays in the Air or Ground Transfer of Patients for Endovascular Thrombectomy. Stroke, 2018, 49, 1419-1425.	1.0	68
14	The angiotensin type 2 receptor agonist Compound 21 elicits cerebroprotection in endothelin-1 induced ischemic stroke. Neuropharmacology, 2014, 81, 134-141.	2.0	60
15	Centrally administered angiotensin(1-7) increases the survival of stroke-prone spontaneously hypertensive rats. Experimental Physiology, 2014, 99, 442-453.	0.9	56
16	Activation of the Neuroprotective Angiotensin-Converting Enzyme 2 in Rat Ischemic Stroke. Hypertension, 2015, 66, 141-148.	1.3	56
17	Outcome after acute ischemic stroke is linked to sex-specific lesion patterns. Nature Communications, 2021, 12, 3289.	5.8	50
18	Cerebroprotective action of angiotensin peptides in stroke. Clinical Science, 2014, 126, 195-205.	1.8	48

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19	Pathophysiology of Lacunar Stroke: History's Mysteries and Modern Interpretations. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 2079-2097.	0.7	45
20	Toward a more inclusive paradigm: thrombectomy for stroke patients with pre-existing disabilities. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 865-868.	2.0	45
21	Translating concepts of neural repair after stroke: Structural and functional targets for recovery. <i>Restorative Neurology and Neuroscience</i> , 2020, 38, 67-92.	0.4	44
22	Disabling stroke in persons already with a disability. <i>Neurology</i> , 2020, 94, 306-310.	1.5	37
23	Opportunities for intervention: stroke treatments, disability and mortality in urban Tanzania. <i>International Journal for Quality in Health Care</i> , 2019, 31, 385-392.	0.9	33
24	Immediate Vascular Imaging Needed for Efficient Triage of Patients With Acute Ischemic Stroke Initially Admitted to Nonthrombectomy Centers. <i>Stroke</i> , 2017, 48, 2297-2300.	1.0	31
25	Infarct Growth despite Endovascular Thrombectomy Recanalization in Large Vessel Occlusive Stroke. <i>Journal of Neuroimaging</i> , 2021, 31, 155-164.	1.0	29
26	Treatment Approaches to Lacunar Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 2055-2078.	0.7	28
27	White Matter Acute Infarct Volume After Thrombectomy for Anterior Circulation Large Vessel Occlusion Stroke is Associated with Long Term Outcomes. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105567.	0.7	28
28	Motor tract reorganization after acute central nervous system injury: a translational perspective. <i>Neural Regeneration Research</i> , 2021, 16, 1144.	1.6	25
29	Treatment Approaches and Outcomes for Acute Anterior Circulation Stroke Patients with Tandem Lesions. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105478.	0.7	24
30	Radiomic signature of DWI–FLAIR mismatch in large vessel occlusion stroke. <i>Journal of Neuroimaging</i> , 2022, 32, 63-67.	1.0	22
31	Symmetric CTA Collaterals Identify Patients with Slow-progressing Stroke Likely to Benefit from Late Thrombectomy. <i>Radiology</i> , 2022, 302, 400-407.	3.6	22
32	CTA Protocols in a Telestroke Network Improve Efficiency for Both Spoke and Hub Hospitals. <i>American Journal of Neuroradiology</i> , 2021, 42, 435-440.	1.2	20
33	Acute ischaemic stroke associated with SARS-CoV-2 infection in North America. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 360-368.	0.9	20
34	Serum activity of angiotensin converting enzyme 2 is decreased in patients with acute ischemic stroke. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2016, 17, 147032031666106.	1.0	19
35	Post-stroke social networks, depressive symptoms, and disability in Tanzania: A prospective study. <i>International Journal of Stroke</i> , 2018, 13, 840-848.	2.9	18
36	Association of Infarct Topography and Outcome After Endovascular Thrombectomy in Patients With Acute Ischemic Stroke. <i>Neurology</i> , 2022, 98, .	1.5	18

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37	Flow Diversion for Middle Cerebral Artery Aneurysms: An International Cohort Study. <i>Neurosurgery</i> , 2021, 89, 1112-1121.	0.6	16
38	The Woven EndoBridge device for ruptured intracranial aneurysms: international multicenter experience and updated meta-analysis. <i>Neuroradiology</i> , 2021, 63, 1891-1899.	1.1	16
39	'Drip-and-ship' intravenous thrombolysis and outcomes for large vessel occlusion thrombectomy candidates in a hub-and-spoke telestroke model. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 650-653.	2.0	16
40	Endothelin-1 Induced Middle Cerebral Artery Occlusion Model for Ischemic Stroke with Laser Doppler Flowmetry Guidance in Rat. <i>Journal of Visualized Experiments</i> , 2013, , .	0.2	14
41	Sex-specific differences in presentations and determinants of outcomes after endovascular thrombectomy for large vessel occlusion stroke. <i>Journal of Neurology</i> , 2022, 269, 307-315.	1.8	14
42	Multicenter Study for the Treatment of Sidewall versus Bifurcation Intracranial Aneurysms with Use of Woven EndoBridge (WEB). <i>Radiology</i> , 2022, 304, 372-382.	3.6	14
43	Frequency of early rapid improvement in stroke severity during interfacility transfer. <i>Neurology: Clinical Practice</i> , 2019, 9, 373-380.	0.8	12
44	MRI Radiomic Signature of White Matter Hyperintensities Is Associated With Clinical Phenotypes. <i>Frontiers in Neuroscience</i> , 2021, 15, 691244.	1.4	12
45	Age and Acute Ischemic Stroke Outcome in North American Patients With COVID-19. <i>Journal of the American Heart Association</i> , 2021, 10, e021046.	1.6	12
46	Retreatment of Residual and Recurrent Aneurysms After Embolization With the Woven EndoBridge Device: Multicenter Case Series. <i>Neurosurgery</i> , 2022, 90, 569-580.	0.6	12
47	Mechanical thrombectomy beyond the circle of Willis: efficacy and safety of different techniques for M2 occlusions. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2021-017425.	2.0	11
48	Excessive White Matter Hyperintensity Increases Susceptibility to Poor Functional Outcomes After Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 700616.	1.1	11
49	Microembolic Signals Detected by Transcranial Doppler Predict Future Stroke and Poor Outcomes. <i>Journal of Neuroimaging</i> , 2020, 30, 882-889.	1.0	9
50	Transcranial-Doppler-Measured Vasospasm Severity is Associated with Delayed Cerebral Infarction After Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2022, 36, 815-821.	1.2	9
51	Basilar artery occlusion: A review of clinicoradiologic features, treatment selection, and endovascular techniques. <i>Interventional Neuroradiology</i> , 2023, 29, 748-758.	0.7	9
52	Sex-specific lesion pattern of functional outcomes after stroke. <i>Brain Communications</i> , 2022, 4, fcac020.	1.5	8
53	When Should Neuroendovascular Care for Patients With Acute Stroke Be Palliative?. <i>AMA Journal of Ethics</i> , 2021, 23, E783-793.	0.4	7
54	Idiopathic primary intraventricular hemorrhage and cerebral small vessel disease. <i>International Journal of Stroke</i> , 2022, 17, 645-653.	2.9	6

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55	Bow Hunter's Syndrome. Stroke, 2022, 53, STROKEAHA121037253.	1.0	6
56	Transradial versus transfemoral access for embolization of intracranial aneurysms with the Woven EndoBridge device: a propensity score-matched study. Journal of Neurosurgery, 2022, 137, 1064-1071.	0.9	6
57	In a hub-and-spoke network, spoke-administered thrombolysis reduces mechanical thrombectomy procedure time and number of passes. Interventional Neuroradiology, 2023, 29, 315-320.	0.7	6
58	Understanding Delays in MRI-based Selection of Large Vessel Occlusion Stroke Patients for Endovascular Thrombectomy. Clinical Neuroradiology, 2022, 32, 979-986.	1.0	6
59	Comparing treatment outcomes of various intracranial bifurcation aneurysms locations using the Woven EndoBridge (WEB) device. Journal of NeuroInterventional Surgery, 2023, 15, 558-565.	2.0	6
60	Clinical Significance and Influencing Factors of Microvascular Tissue Reperfusion After Macrovascular Recanalization. Translational Stroke Research, 2023, 14, 446-454.	2.3	6
61	Neurological Complications and Clinical Outcomes of Infective Endocarditis. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106626.	0.7	6
62	Is the COVID-19 pandemic magnifying disparities in stroke treatment?. Journal of NeuroInterventional Surgery, 2021, 13, 299-300.	2.0	5
63	Determinants of intracranial aneurysm retreatment following embolization with a single flow-diverting stent. Neuroradiology Journal, 2022, 35, 461-467.	0.6	4
64	Direct to AngioSuite Large Vessel Occlusion Stroke Transfers Achieve Faster Arrival and Improved Outcomes. , 2022, 2, .		4
65	Anterior Cervical Decompression and C5 Palsy. Spine, 2020, 45, 1587-1597.	1.0	3
66	#RadialFirst and #RadialForNeuro: A descriptive analysis of Twitter conversations regarding transradial access. Neuroradiology Journal, 2021, 34, 494-500.	0.6	3
67	Characterizing Reasons for Stroke Thrombectomy Ineligibility Among Potential Candidates Transferred in a Hub-and-Spoke Network. , 2022, 2, .		3
68	Screening neuroimaging in neurologically asymptomatic patients with infective endocarditis. Journal of Neuroimaging, 0, , .	1.0	3
69	Utilizing a Cranial Window to Visualize the Middle Cerebral Artery During Endothelin-1 Induced Middle Cerebral Artery Occlusion. Journal of Visualized Experiments, 2013, , e50015.	0.2	2
70	Abstract TP111: Activation of the Brain Renin-Angiotensin System by Translational Approaches Following Stroke Onset Is Neuroprotective in a Rat Model of Ischemic Stroke. Stroke, 2013, 44, .	1.0	2
71	Diffuse Cerebral Edema After Moyamoya Disease-Related Intracerebral Hemorrhage: A Case Report. Neurohospitalist, The, 2021, 11, 251-254.	0.3	1
72	Spine 2.0 JNIS style. Journal of NeuroInterventional Surgery, 2021, 13, 683-684.	2.0	1

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73	COVID-19 meets neurointervention on the pages of JNIS. Journal of NeuroInterventional Surgery, 2021, 13, 863-864.	2.0	1
74	Dural Arteriovenous Fistula Presenting with Reversible Dementia. Annals of Neurology, 2021, 90, 512-513.	2.8	1
75	Extensive Cerebral Arteriovenous Malformation-Associated Intraventricular Hemorrhage. Neurohospitalist, The, 2022, 12, 194187442110490.	0.3	1
76	Abstract TMP27: Direct To Angio-suite Large Vessel Occlusion Stroke Transfers Achieve Faster Arrival-to-puncture Times And Improved Outcomes. Stroke, 2022, 53, .	1.0	1
77	Impact of Endoluminal Flow Diverter Number on Aneurysm Treatment Outcomes: A Multicenter Study. , 2022, 2, .		1
78	Deconstructive repair of a traumatic vertebrovertebral arteriovenous fistula via a contralateral endovascular approach. Journal of Cerebrovascular and Endovascular Neurosurgery, 2022, 24, 291-296.	0.2	1
79	A trans-orbital pencil in the left carotid artery of a 40-year-old man: clinical and radiographic images. Orbit, 2022, , 1-1.	0.5	1
80	Mas and Neuroprotection in Stroke. , 2015, , 201-205.		0
81	Neurologic Imaging in Pregnancy. , 2019, , 117-120.		0
82	Abstract P315: Radiomics Signature of DWI-FLAIR Mismatch Correlates With Clinical Phenotype of Patients With Large Vessel Occlusion Stroke. Stroke, 2021, 52, .	1.0	0
83	Abstract P474: Functional Outcomes and Regional Significance of Ischemic Lesions After Thrombectomy for Large Vessel Occlusion Stroke. Stroke, 2021, 52, .	1.0	0
84	P-023â€¦Spoke-administered intravenous alteplase and outcomes for large vessel occlusion stroke patients in a hub-and-spoke telestroke model. , 2021, , .		0
85	Cerebellar hemorrhages in patients with Dutch-type hereditary cerebral amyloid angiopathy. International Journal of Stroke, 2021, , 174749302110436.	2.9	0
86	Expression of AT1, AT2 receptors, and a nonâ€AT1, nonâ€AT2 angiotensin II binding site in rat brain after endothelinâ€1 induced ischemic stroke. FASEB Journal, 2011, 25, lb618.	0.2	0
87	Abstract TP6: Factors Influencing Infarct Progression During Ischemic Stroke Patients Transfer: Collaterals Lost is Brain Lost. Stroke, 2017, 48, .	1.0	0
88	Abstract 117: Optimizing Triage in Patients With Acute Ischemic Stroke Initially Transported to Non-thrombectomy Centers. Stroke, 2017, 48, .	1.0	0
89	Abstract TP229: Characteristics of Patients With Early Rapid Improvement in NIHSS During Interfacility Transfer. Stroke, 2018, 49, .	1.0	0
90	Abstract TP363: Early Changes in Stroke Severity: Characterization and Impact on Patient-Centered Stroke Outcomes. Stroke, 2019, 50, .	1.0	0

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91	Abstract WP426: Cerebral Amyloid Angiopathy-related Inflammation: Immunosuppressive Treatment and Outcome. Stroke, 2019, 50, .	1.0	0
92	Abstract WP238: Atrial Fibrillation is Associated With Severe Basal Ganglia Perivascular Spaces. Stroke, 2020, 51, .	1.0	0
93	Abstract WP294: In Search of Greater Efficiencies: Implementation of Computed Tomography Angiography in a Telestroke Network Improves Triage for Both Primary and Comprehensive Stroke Centers. Stroke, 2020, 51, .	1.0	0
94	Middle meningeal artery embolization: preventing subdural hematoma recurrence and saving money?. Journal of NeuroInterventional Surgery, 2022, , neurintsurg-2021-018441.	2.0	0
95	Reversal of Intracranial Hypertensionâ€Related Pseudomeningocele after Venous Sinus Stenting. , 2022, 2, .		0
96	Abstract TMP26: Understanding Changes In Thrombectomy Eligibility Among Large Vessel Occlusion Stroke Transfers In A Hub-and-spoke Telestroke System. Stroke, 2022, 53, .	1.0	0
97	Abstract TP100: Frequency, Spatial Distribution And Associations To Clinical Characteristics Of Multiple Lesions In A Large Multi-center Dataset Of Acute Ischemic Stroke Patients. Stroke, 2022, 53, .	1.0	0
98	Abstract 114: Spoke-administered Thrombolysis Improves Large Vessel Occlusion Early Reperfusion And Inter-hospital Transfer Time For Mechanical Thrombectomy In A Hub-and-spoke Telestroke Network.. Stroke, 2022, 53, .	1.0	0
99	Abstract WMP64: Multimodal Bayesian Modeling Of Stroke Severity. Stroke, 2022, 53, .	1.0	0
100	Lâ€™Ã©ge cÃ©bral radiomique prÃ©dit le pronostic fonctionnel aprÃ©s un AVC ischÃ©mique.. Journal of Neuroradiology, 2022, 49, 110-111.	0.6	0
101	Une signature radiomique du mismatch dwi-flair dans l'AVC ischÃ©mique.. Journal of Neuroradiology, 2022, 49, 108.	0.6	0
102	Abstract 1122â€000031: Reasons Thrombectomy Candidates Become Ineligible After Transfer for Treatment in a Hubâ€Andâ€Spoke Telestroke Model. , 2021, 1, .		0
103	Abstract 1122â€000023: In a Hubâ€Andâ€Spoke Network, Spokeâ€Administered Thrombolysis Reduces Mechanical Thrombectomy Procedure Time and Number of Passes. , 2021, 1, .		0
104	824: TCD-MEASURED VASOSPASM SEVERITY IS ASSOCIATED WITH CEREBRAL INFARCTION AFTER SUBARACHNOID HEMORRHAGE. Critical Care Medicine, 2022, 50, 406-406.	0.4	0
105	Iatrogenic traumatic superficial temporal arteriovenous fistula development post-craniectomy: A case report. Neuroradiology Journal, 0, , 197140092211086.	0.6	0
106	Cerebral infarction following bee stings: Case report and literature review. Translational Neuroscience, 2022, 13, 163-171.	0.7	0
107	T2 Hypointense Schwannoma Masquerading As A Vascular Lesion: A Case Report. Neurohospitalist, The, 0, , 194187442211125.	0.3	0