

# Matthew R Reynolds

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,639  
citations

430843

18  
h-index

377849

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2089  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tau truncation during neurofibrillary tangle evolution in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2005, 26, 1015-1022.	3.1	232
2	Early N-Terminal Changes and Caspase-6 Cleavage of Tau in Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2004, 24, 7895-7902.	3.6	199
3	Intracranial Dural Arteriovenous Fistulae. <i>Stroke</i> , 2017, 48, 1424-1431.	2.0	192
4	Pseudophosphorylation of tau at serine 422 inhibits caspase cleavage: in vitro evidence and implications for tangle formation in vivo. <i>Journal of Neurochemistry</i> , 2006, 97, 1005-1014.	3.9	143
5	Site-Specific Nitration and Oxidative Dityrosine Bridging of the $\tau$ Protein by Peroxynitrite: Implications for Alzheimer's Disease. <i>Biochemistry</i> , 2005, 44, 1690-1700.	2.5	136
6	Tau Nitration Occurs at Tyrosine 29 in the Fibrillar Lesions of Alzheimer's Disease and Other Tauopathies. <i>Journal of Neuroscience</i> , 2006, 26, 10636-10645.	3.6	114
7	Nitration in Neurodegeneration: Deciphering the "Hows". <i>Biochemistry</i> , 2007, 46, 7325-7336.	2.5	105
8	Site-Specific Nitration Differentially Influences $\tau$ Assembly in Vitro. <i>Biochemistry</i> , 2005, 44, 13997-14009.	2.5	93
9	A possible link between astrocyte activation and tau nitration in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2008, 31, 198-208.	4.4	59
10	Extracranial-intracranial bypass for ischemic cerebrovascular disease: what have we learned from the Carotid Occlusion Surgery Study?. <i>Neurosurgical Focus</i> , 2014, 36, E9.	2.3	51
11	Sexual intercourse and cerebral aneurysmal rupture: potential mechanisms and precipitants. <i>Journal of Neurosurgery</i> , 2011, 114, 969-977.	1.6	50
12	Peroxynitrite-Mediated $\tau$ Modifications Stabilize Preformed Filaments and Destabilize Microtubules through Distinct Mechanisms. <i>Biochemistry</i> , 2006, 45, 4314-4326.	2.5	47
13	Investigating the mechanisms of perioperative ischemic stroke in the Carotid Occlusion Surgery Study. <i>Journal of Neurosurgery</i> , 2013, 119, 988-995.	1.6	42
14	Heparan sulfate proteoglycans mediate $\text{A}\beta$ -induced oxidative stress and hypercontractility in cultured vascular smooth muscle cells. <i>Molecular Neurodegeneration</i> , 2016, 11, 9.	10.8	25
15	Transfer of the Brachialis to the Anterior Interosseous Nerve as a Treatment Strategy for Cervical Spinal Cord Injury: Technical Note. <i>Global Spine Journal</i> , 2015, 5, 110-117.	2.3	22
16	The safety of vasopressor-induced hypertension in subarachnoid hemorrhage patients with coexisting unruptured, unprotected intracranial aneurysms. <i>Journal of Neurosurgery</i> , 2015, 123, 862-871.	1.6	19
17	Utility of Screening for Cerebral Vasospasm Using Digital Subtraction Angiography. <i>Stroke</i> , 2015, 46, 3137-3141.	2.0	19
18	Radiation-Induced Moyamoya Syndrome after Proton Beam Therapy in the Pediatric Patient: A Case Series. <i>Pediatric Neurosurgery</i> , 2016, 51, 297-301.	0.7	18

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19	Recurrent idiopathic perimesencephalic subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2011, 115, 612-616.	1.6	14
20	Acute rupture of a feeding artery aneurysm after embolization of a brain arteriovenous malformation. <i>Interventional Neuroradiology</i> , 2015, 21, 613-619.	1.1	10
21	Perimesencephalic subarachnoid hemorrhage associated with a painless, pupillary-involving third cranial nerve palsy: Case report and literature review. <i>Clinical Neurology and Neurosurgery</i> , 2012, 114, 1168-1171.	1.4	8
22	The safety of aeroplane travel in patients with symptomatic carotid occlusion. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 435-437.	1.9	8
23	Fusiform dilatation of the internal carotid artery following childhood craniopharyngioma resection treated by endovascular flow diversion—A case report and literature review. <i>Journal of Clinical Neuroscience</i> , 2018, 54, 143-145.	1.5	8
24	Intraparenchymal meningioma within the basal ganglia of a child: A case report. <i>British Journal of Neurosurgery</i> , 2016, 30, 360-362.	0.8	3
25	Angiographic “Blush” After Stereotactic Radiosurgery Ablation of Residual Arteriovenous Malformation in Pediatric Patient: Case Report and Review of Literature. <i>World Neurosurgery</i> , 2018, 111, 235-239.	1.3	3
26	Efficacy, Duration and Timing of Withdrawal of Prophylactic Treatment with Antiepileptic Drugs in Neurosurgical Conditions. <i>Current Pharmaceutical Design</i> , 2018, 23, 6399-6410.	1.9	3
27	Acute Hemorrhage Following Gamma Knife Radiosurgery to a Clival Meningioma. <i>Journal of Spine &amp; Neurosurgery</i> , 2013, 02, 108.	0.1	3
28	Elements of a Stroke Center. <i>Techniques in Vascular and Interventional Radiology</i> , 2012, 15, 5-9.	1.0	2
29	Multiple intracranial aneurysms in a patient with type I Gaucher disease: a case report and literature review. <i>British Journal of Neurosurgery</i> , 2020, 34, 202-204.	0.8	2
30	“Railroad switch” technique for stent-assisted coil embolization of a wide-neck bifurcation intracranial aneurysm: technical note. <i>Neuroradiology Journal</i> , 2020, 33, 324-327.	1.2	2
31	Extracranial-to-Intracranial Bypass for Pressor Dependent Cerebrovascular Insufficiency: Modified Classification and Representative Case. <i>Current Neurovascular Research</i> , 2018, 15, 256-261.	1.1	2
32	Angioarchitectural features amongst patients with unruptured brain arteriovenous malformations presenting with headache: findings from a single center retrospective review of 76 patients. <i>Journal of Headache and Pain</i> , 2021, 22, 122.	6.0	2
33	Glomus Vagale Tumor Resection: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 20, E57-E57.	0.8	1
34	Transorbital intracranial penetrating trauma with carotid artery injury: a multidisciplinary approach to management. <i>Journal of Neurosurgical Sciences</i> , 2017, 62, 89-91.	0.6	1
35	Murphey’s test: history and insight into an enigmatic cerebrovascular eponym. <i>Journal of Neurosurgery</i> , 2020, 133, 369-373.	1.6	1