

Gregory J Zipfel

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

3,689
citations

218592

26
h-index

138417

58
g-index

91
all docs

91
docs citations

91
times ranked

5771
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurosurgery Research and Education Foundation funding conversion to National Institutes of Health funding. <i>Journal of Neurosurgery</i> , 2022, 136, 287-294.	0.9	2
2	Consortium for Dural Arteriovenous Fistula Outcomes Research (CONDOR): rationale, design, and initial characterization of patient cohort. <i>Journal of Neurosurgery</i> , 2022, 136, 951-961.	0.9	9
3	Intervention for unruptured high-grade intracranial dural arteriovenous fistulas: a multicenter study. <i>Journal of Neurosurgery</i> , 2022, 136, 962-970.	0.9	5
4	Dural arteriovenous fistulas without cortical venous drainage: presentation, treatment, and outcomes. <i>Journal of Neurosurgery</i> , 2022, 136, 942-950.	0.9	7
5	Characterization of the Genomic and Immunologic Diversity of Malignant Brain Tumors through Multisector Analysis. <i>Cancer Discovery</i> , 2022, 12, 154-171.	7.7	34
6	Inhalational Versus Intravenous Anesthetic Conditioning for Subarachnoid Hemorrhage-Induced Delayed Cerebral Ischemia. <i>Stroke</i> , 2022, 53, 904-912.	1.0	6
7	SIRT1 mediates hypoxic postconditioning- and resveratrol-induced protection against functional connectivity deficits after subarachnoid hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1210-1223.	2.4	7
8	Risk of Early Versus Later Rebleeding From Dural Arteriovenous Fistulas With Cortical Venous Drainage. <i>Stroke</i> , 2022, 53, 2340-2345.	1.0	0
9	Single-cell profiling of human dura and meningioma reveals cellular meningeal landscape and insights into meningioma immune response. <i>Genome Medicine</i> , 2022, 14, 49.	3.6	37
10	Conditioning Effect of Inhalational Anesthetics on Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2021, 88, 394-401.	0.6	15
11	Using Histopathology to Assess the Reliability of Intraoperative Magnetic Resonance Imaging in Guiding Additional Brain Tumor Resection: A Multicenter Study. <i>Neurosurgery</i> , 2021, 88, E49-E59.	0.6	8
12	Anesthetic and subanesthetic doses of isoflurane conditioning provides strong protection against delayed cerebral ischemia in a mouse model of subarachnoid hemorrhage. <i>Brain Research</i> , 2021, 1750, 147169.	1.1	10
13	APOE immunotherapy reduces cerebral amyloid angiopathy and amyloid plaques while improving cerebrovascular function. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	76
14	Observation Versus Intervention for Low-Grade Intracranial Dural Arteriovenous Fistulas. <i>Neurosurgery</i> , 2021, 88, 1111-1120.	0.6	9
15	Role of SIRT1 in Isoflurane Conditioning-Induced Neurovascular Protection against Delayed Cerebral Ischemia Secondary to Subarachnoid Hemorrhage. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4291.	1.8	12
16	Role of Anesthetics and Their Adjuvants in Neurovascular Protection in Secondary Brain Injury after Aneurysmal Subarachnoid Hemorrhage. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6550.	1.8	8
17	Sevoflurane and Desflurane Exposures Following Aneurysmal Subarachnoid Hemorrhage Confer Multifaceted Protection against Delayed Cerebral Ischemia. <i>Biomedicines</i> , 2021, 9, 820.	1.4	7
18	<i>MAPK14</i> R406W increases tau T217 phosphorylation in absence of amyloid pathology. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1817-1830.	1.7	11

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19	Outcome Following Hemorrhage From Cranial Dural Arteriovenous Fistulae. <i>Stroke</i> , 2021, 52, e610-e613.	1.0	9
20	Onyx embolization for dural arteriovenous fistulas: a multi-institutional study. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2020-017109.	2.0	8
21	Sirtuin 1 Mediates Protection Against Delayed Cerebral Ischemia in Subarachnoid Hemorrhage in Response to Hypoxic Postconditioning. <i>Journal of the American Heart Association</i> , 2021, 10, e021113.	1.6	18
22	STAT3 inhibitor mitigates cerebral amyloid angiopathy and parenchymal amyloid plaques while improving cognitive functions and brain networks. <i>Acta Neuropathologica Communications</i> , 2021, 9, 193.	2.4	16
23	SIRT1 mediates hypoxic preconditioning induced attenuation of neurovascular dysfunction following subarachnoid hemorrhage. <i>Experimental Neurology</i> , 2020, 334, 113484.	2.0	26
24	Role of Endothelial Nitric Oxide Synthase in Isoflurane Conditioning-Induced Neurovascular Protection in Subarachnoid Hemorrhage. <i>Journal of the American Heart Association</i> , 2020, 9, e017477.	1.6	17
25	Anesthetic Conditioning for Secondary Brain Injury After Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2020, 143, 577-578.	0.7	5
26	Axis-specific analysis and predictors of endocrine recovery and deficits for non-functioning pituitary adenomas undergoing endoscopic transsphenoidal surgery. <i>Pituitary</i> , 2020, 23, 389-399.	1.6	11
27	Microvascular platelet aggregation and thrombosis after subarachnoid hemorrhage: A review and synthesis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1565-1575.	2.4	31
28	Evidence for a conditioning effect of inhalational anesthetics on angiographic vasospasm after aneurysmal subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2020, 133, 152-158.	0.9	16
29	National Institute of Neurological Disorders and Stroke: current funding status, opportunities, challenges, emerging scientific advances, and recommendations for neurosurgery. <i>Journal of Neurosurgery</i> , 2020, 133, 1264-1269.	0.9	7
30	Intraoperative MRI for newly diagnosed supratentorial glioblastoma: a multicenter-registry comparative study to conventional surgery. <i>Journal of Neurosurgery</i> , 2020, , 1-10.	0.9	20
31	Burden of cerebral hypoperfusion in patients with delayed cerebral ischemia after subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2020, 132, 1872-1879.	0.9	3
32	SURG-12. PREDICTORS OF SURVIVAL AND UTILITY OF INTRAOPERATIVE MRI FOR RESECTION OF GRADE II ASTROCYTOMAS AND OLIGODENDROGLIOMAS: A MULTICENTER ANALYSIS. <i>Neuro-Oncology</i> , 2020, 22, ii205-ii206.	0.6	0
33	IMMU-26. UNRAVELING ANTIGEN PRESENTATION IN CENTRAL NERVOUS SYSTEM ANTI-TUMOR IMMUNITY. <i>Neuro-Oncology</i> , 2020, 22, ii110-ii110.	0.6	0
34	Plasmapheresis for Management of Antiphospholipid Syndrome in the Neurosurgical Patient. <i>Operative Neurosurgery</i> , 2019, 16, E124-E129.	0.4	2
35	Treatment of pediatric intracranial aneurysms: case series and meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 257-264.	2.0	30
36	T2-Weighted-Fluid-Attenuated Inversion Recovery Hyperintensity on Magnetic Resonance Imaging Is Associated With Aggressive Symptoms in Patients With Dural Arteriovenous Fistulas. <i>Stroke</i> , 2019, 50, 2565-2567.	1.0	4

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37	Targeting Muscles in the Brain to Enhance Cerebral Perfusion. JACC Basic To Translational Science, 2019, 4, 959-961.	1.9	0
38	Withholding Perioperative Steroids in Patients Undergoing Transsphenoidal Resection for Pituitary Disease: Randomized Prospective Clinical Trial to Assess Safety. Neurosurgery, 2019, 85, E226-E232.	0.6	20
39	Internal carotid artery dissection causing pulsatile tinnitus. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2019, 40, 121-123.	0.6	4
40	Introduction: microsurgical and endovascular management of intracranial dural arteriovenous fistula. Neurosurgical Focus, 2019, 46, Intro.	1.0	0
41	Completion of Gamma Knife radiosurgery for AVM treatment after unplanned interruptionâ€”technical note. Acta Neurochirurgica, 2018, 160, 1343-1347.	0.9	1
42	Thrombolysis is an Independent Risk Factor for Poor Outcome After Carotid Revascularization. Neurosurgery, 2018, 83, 922-930.	0.6	8
43	Hemodynamic Impairment Measured by Positron-Emission Tomography Is Regionally Associated with Decreased Cortical Thickness in Moyamoya Phenomenon. American Journal of Neuroradiology, 2018, 39, 2037-2044.	1.2	8
44	Radiologic Response and Disease Control of Recurrent Intracranial Meningiomas Treated With Reirradiation. International Journal of Radiation Oncology Biology Physics, 2018, 102, 194-203.	0.4	14
45	SIRT1 Activation. Neurosurgery, 2018, 65, 1-5.	0.6	15
46	Baseline Hemodynamic Impairment and Future Stroke Risk in Adult Idiopathic Moyamoya Phenomenon. Stroke, 2017, 48, 894-899.	1.0	21
47	Comparing External Ventricular Drains-Related Ventriculitis Surveillance Definitions. Infection Control and Hospital Epidemiology, 2017, 38, 574-579.	1.0	11
48	Intracranial Dural Arteriovenous Fistulae. Stroke, 2017, 48, 1424-1431.	1.0	192
49	A novel fluorescent imaging technique for assessment of cerebral vasospasm after experimental subarachnoid hemorrhage. Scientific Reports, 2017, 7, 9126.	1.6	11
50	Neurosurgical Education in a Changing Healthcare and Regulatory Environment: A Consensus Statement from 6 Programs. Neurosurgery, 2017, 80, S75-S82.	0.6	18
51	Impact of Hospital Caseload and Elective Admission on Outcomes After Extracranial-Intracranial Bypass Surgery. World Neurosurgery, 2017, 108, 716-728.	0.7	36
52	Endovascular parent vessel sacrifice in ruptured dissecting vertebral and posterior inferior cerebellar artery aneurysms: clinical outcomes and review of the literature. Journal of NeuroInterventional Surgery, 2016, 8, 796-801.	2.0	52
53	The relationship of cortical folding and brain arteriovenous malformations. Neurovascular Imaging, 2016, 2, .	2.4	3
54	Heparan sulfate proteoglycans mediate AÎ²-induced oxidative stress and hypercontractility in cultured vascular smooth muscle cells. Molecular Neurodegeneration, 2016, 11, 9.	4.4	25

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55	Comparing routine versus selective use of intraoperative cerebral angiography in aneurysm surgery: a prospective study. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 75-80.	2.0	14
56	Diagnostic and Prognostic Utility of the Synaptic Marker Neurogranin in Alzheimer Disease. <i>JAMA Neurology</i> , 2016, 73, 561.	4.5	154
57	Passive immunotherapy targeting amyloid- β^2 reduces cerebral amyloid angiopathy and improves vascular reactivity. <i>Brain</i> , 2016, 139, 563-577.	3.7	51
58	Factors Associated with Acute and Chronic Hydrocephalus in Nonaneurysmal Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2016, 24, 104-109.	1.2	21
59	HIF-1 α Mediates Isoflurane-Induced Vascular Protection in Subarachnoid Hemorrhage. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 325-337.	1.7	43
60	Editorial: Clipping of neurosurgical aneurysms: the dye is cast. <i>Journal of Neurosurgery</i> , 2015, 122, 616-617.	0.9	2
61	Impact of 1p/19q Codeletion and Histology on Outcomes of Anaplastic Gliomas Treated With Radiation Therapy and Temozolomide. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 268-276.	0.4	31
62	Editorial: Ultra-early surgery for aneurysmal subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2015, 122, 381-382.	0.9	10
63	A CDC20-APC/SOX2 Signaling Axis Regulates Human Glioblastoma Stem-like Cells. <i>Cell Reports</i> , 2015, 11, 1809-1821.	2.9	82
64	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.	0.9	19
65	Surgical Revascularization in North American Adults with Moyamoya Phenomenon: Long-Term Angiographic Follow-up. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 1597-1608.	0.7	26
66	Bicuspid aortic valves and thoracic aortic aneurysms in patients with intracranial aneurysms. <i>Neurology</i> , 2015, 84, 46-49.	1.5	13
67	Editorial: Arteriovenous malformations and embolization. <i>Journal of Neurosurgery</i> , 2015, 122, 1490-1491.	0.9	1
68	Experimental subarachnoid haemorrhage results in multifocal axonal injury. <i>Brain</i> , 2015, 138, 2608-2618.	3.7	38
69	Utility of Screening for Cerebral Vasospasm Using Digital Subtraction Angiography. <i>Stroke</i> , 2015, 46, 3137-3141.	1.0	19
70	Vascular contributions to cognitive impairment and dementia including Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015, 11, 710-717.	0.4	461
71	Development of an Ex Vivo Model for the Study of Cerebrovascular Function Utilizing Isolated Mouse Olfactory Artery. <i>Journal of Korean Neurosurgical Society</i> , 2015, 57, 1.	0.5	3
72	TrkB Agonist Antibody Pretreatment Enhances Neuronal Survival and Long-Term Sensory Motor Function Following Hypoxic Ischemic Injury in Neonatal Rats. <i>PLoS ONE</i> , 2014, 9, e88962.	1.1	25

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73	Cerebral Amyloid Angiopathy Increases Susceptibility to Infarction After Focal Cerebral Ischemia in Tg2576 Mice. <i>Stroke</i> , 2014, 45, 3064-3069.	1.0	27
74	Onyx is associated with poor venous penetration in the treatment of spinal dural arteriovenous fistulas. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 536-540.	2.0	28
75	Radiation Therapy Dose Escalation for Glioblastoma Multiforme in the Era of Temozolomide. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 877-885.	0.4	49
76	Editorial: Normal pressure hydrocephalus. <i>Journal of Neurosurgery</i> , 2014, 121, 769-770.	0.9	2
77	Endovascular Perforation Subarachnoid Hemorrhage Fails to Cause Morris Water Maze Deficits in the Mouse. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, e1-e9.	2.4	83
78	ACR Appropriateness Criteria Headache. <i>Journal of the American College of Radiology</i> , 2014, 11, 657-667.	0.9	61
79	P4-234: IMPROVED VASCULAR REACTIVITY AND REDUCED CEREBRAL AMYLOID ANGIOPATHY FOLLOWING PASSIVE IMMUNOTHERAPY IN TRANSGENIC MICE. , 2014, 10, P872-P872.		0
80	Antiangiogenic Agents for Nonmalignant Brain Tumors. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2013, 74, 136-141.	0.4	30
81	Endothelial Nitric Oxide Synthase Mediates Endogenous Protection Against Subarachnoid Hemorrhage-Induced Cerebral Vasospasm. <i>Stroke</i> , 2011, 42, 776-782.	1.0	92
82	Cerebral hemodynamics as a predictor of stroke in adult patients with moyamoya disease: a prospective observational study. <i>Neurosurgical Focus</i> , 2009, 26, E6.	1.0	30
83	Cranial dural arteriovenous fistulas: modification of angiographic classification scales based on new natural history data. <i>Neurosurgical Focus</i> , 2009, 26, E14.	1.0	165
84	Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2009, 40, S16-9.	1.0	57
85	Modern management of brain aneurysms and vascular malformations. <i>Missouri Medicine</i> , 2008, 105, 413-9.	0.3	0
86	Current Status of Manpower Needs for Management of Cerebrovascular Disease. <i>Neurosurgery</i> , 2006, 59, S3-261-S3-270.	0.6	8
87	Moyamoya Disease in Adults: The Role of Cerebral Revascularization. <i>Skull Base</i> , 2005, 15, 27-41.	0.4	94
88	Update on the management of unruptured intracranial aneurysms. <i>Neurosurgical Focus</i> , 2004, 17, 1-10.	1.0	10
89	The changing landscape of ischaemic brain injury mechanisms. <i>Nature</i> , 1999, 399, A7-A14.	13.7	1,015