

Michael E Sughrue

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

3,722
citations

136885

32
h-index

149623

56
g-index

97
all docs

97
docs citations

97
times ranked

4190
citing authors

#	ARTICLE	IF	CITATIONS
1	Anatomy and white-matter connections of the precuneus. <i>Brain Imaging and Behavior</i> , 2022, 16, 574-586.	1.1	42
2	Insular gliomas and tractographic visualization of the connectome. <i>Neurosurgical Focus Video</i> , 2022, 6, V4.	0.1	1
3	Should Neurosurgeons Try to Preserve Non-Traditional Brain Networks? A Systematic Review of the Neuroscientific Evidence. <i>Journal of Personalized Medicine</i> , 2022, 12, 587.	1.1	26
4	Anatomy and White Matter Connections of the Parahippocampal Gyrus. <i>World Neurosurgery</i> , 2021, 148, e218-e226.	0.7	21
5	The Unique Fiber Anatomy of Middle Temporal Gyrus Default Mode Connectivity. <i>Operative Neurosurgery</i> , 2021, 21, E8-E14.	0.4	24
6	Anatomy and White Matter Connections of the Middle Frontal Gyrus. <i>World Neurosurgery</i> , 2021, 150, e520-e529.	0.7	52
7	The cortical organization of language: distilling human connectome insights for supratentorial neurosurgery. <i>Journal of Neurosurgery</i> , 2021, 134, 1959-1966.	0.9	18
8	Reducing the Cognitive Footprint of Brain Tumor Surgery. <i>Frontiers in Neurology</i> , 2021, 12, 711646.	1.1	53
9	Using Quicktome for Intracerebral Surgery: Early Retrospective Study and Proof of Concept. <i>World Neurosurgery</i> , 2021, 154, e734-e742.	0.7	16
10	International expert consensus statement about methods and indications for keyhole microneurosurgery from International Society on Minimally Invasive Neurosurgery. <i>Neurosurgical Review</i> , 2021, 44, 1-17.	1.2	12
11	Measuring graphical strength within the connectome: A neuroanatomic, parcellation-based study. <i>Journal of the Neurological Sciences</i> , 2020, 408, 116529.	0.3	3
12	Anatomy and White Matter Connections of the Superior Frontal Gyrus. <i>Clinical Anatomy</i> , 2020, 33, 823-832.	1.5	59
13	Parcellation-based tractographic modeling of the ventral attention network. <i>Journal of the Neurological Sciences</i> , 2020, 408, 116548.	0.3	19
14	Anatomy and White Matter Connections of the Inferior Temporal Gyrus. <i>World Neurosurgery</i> , 2020, 143, e656-e666.	0.7	66
15	Anatomy and white matter connections of the fusiform gyrus. <i>Scientific Reports</i> , 2020, 10, 13489.	1.6	39
16	Application of Structural and Functional Connectome Mismatch for Classification and Individualized Therapy in Alzheimer Disease. <i>Frontiers in Public Health</i> , 2020, 8, 584430.	1.3	19
17	An Eyebrow, Supracarotid Triangle Approach for Lesions at the Ventral Thalamopeduncular Junction: A Technical Report. <i>World Neurosurgery</i> , 2020, 140, e41-e45.	0.7	1
18	Parcellation-based tractographic modeling of the dorsal attention network. <i>Brain and Behavior</i> , 2019, 9, e01365.	1.0	34

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19	An Awake Contralateral, Transcallosal Approach for Deep-Seated Gliomas of the Basal Ganglia. <i>World Neurosurgery</i> , 2019, 130, e880-e887.	0.7	6
20	In Reply to "The Extradural Minipterional Approach: "Think Small, Play Wider"™". <i>World Neurosurgery</i> , 2019, 125, 536.	0.7	0
21	Anatomy and white matter connections of the inferior frontal gyrus. <i>Clinical Anatomy</i> , 2019, 32, 546-556.	1.5	59
22	The crossed frontal aslant tract: A possible pathway involved in the recovery of supplementary motor area syndrome. <i>Brain and Behavior</i> , 2018, 8, e00926.	1.0	52
23	End-of-Life Care Options and Decision Making for Older Patients With Malignant Brain Tumors. <i>JAMA Oncology</i> , 2018, 4, 884.	3.4	1
24	Frontal Keyhole Craniotomy for Resection of Low- and High-Grade Gliomas. <i>Neurosurgery</i> , 2018, 82, 388-396.	0.6	32
25	Method for temporal keyhole lobectomies in resection of low- and high-grade gliomas. <i>Journal of Neurosurgery</i> , 2018, 128, 1388-1395.	0.9	37
26	Dural Closure in Confined Spaces of the Skull Base with Nonpenetrating Titanium Clips. <i>Operative Neurosurgery</i> , 2018, 14, 375-385.	0.4	4
27	In Reply to "Expanding Indications for Minipterional Craniotomy" "Parasellar Meningiomas". <i>World Neurosurgery</i> , 2018, 120, 595.	0.7	0
28	The safety of post-operative elevation of mean arterial blood pressure following brain tumor resection. <i>Journal of Clinical Neuroscience</i> , 2018, 58, 156-159.	0.8	1
29	A Connectomic Atlas of the Human Cerebrum"Chapter 2: The Lateral Frontal Lobe. <i>Operative Neurosurgery</i> , 2018, 15, S10-S74.	0.4	28
30	A Connectomic Atlas of the Human Cerebrum"Chapter 1: Introduction, Methods, and Significance. <i>Operative Neurosurgery</i> , 2018, 15, S1-S9.	0.4	31
31	A Connectomic Atlas of the Human Cerebrum"Chapter 3: The Motor, Premotor, and Sensory Cortices. <i>Operative Neurosurgery</i> , 2018, 15, S75-S121.	0.4	26
32	A Connectomic Atlas of the Human Cerebrum"Chapter 4: The Medial Frontal Lobe, Anterior Cingulate Gyrus, and Orbitofrontal Cortex. <i>Operative Neurosurgery</i> , 2018, 15, S122-S174.	0.4	24
33	A Connectomic Atlas of the Human Cerebrum"Chapter 5: The Insula and Opercular Cortex. <i>Operative Neurosurgery</i> , 2018, 15, S175-S244.	0.4	30
34	A Connectomic Atlas of the Human Cerebrum"Chapter 6: The Temporal Lobe. <i>Operative Neurosurgery</i> , 2018, 15, S245-S294.	0.4	32
35	A Connectomic Atlas of the Human Cerebrum"Chapter 7: The Lateral Parietal Lobe. <i>Operative Neurosurgery</i> , 2018, 15, S295-S349.	0.4	29
36	A Connectomic Atlas of the Human Cerebrum"Chapter 8: The Posterior Cingulate Cortex, Medial Parietal Lobe, and Parieto-Occipital Sulcus. <i>Operative Neurosurgery</i> , 2018, 15, S350-S371.	0.4	21

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37	A Connectomic Atlas of the Human Cerebrum—Chapter 9: The Occipital Lobe. Operative Neurosurgery, 2018, 15, S372-S406.	0.4	24
38	A Connectomic Atlas of the Human Cerebrum—Chapter 12: Tractographic Description of the Middle Longitudinal Fasciculus. Operative Neurosurgery, 2018, 15, S429-S435.	0.4	11
39	A Connectomic Atlas of the Human Cerebrum—Chapter 14: Tractographic Description of the Frontal Aslant Tract. Operative Neurosurgery, 2018, 15, S444-S449.	0.4	20
40	Co-occurrence of astrocytoma and astroblastoma: Case report and literature review. Neuropathology, 2018, 38, 516-520.	0.7	0
41	Mini-Pterional Craniotomy for Resection of Parasellar Meningiomas. World Neurosurgery, 2018, 117, e637-e644.	0.7	23
42	White matter connections of the inferior parietal lobule: A study of surgical anatomy. Brain and Behavior, 2017, 7, e00640.	1.0	53
43	A Technique for Resecting Occipital Pole Gliomas Using a Keyhole Lobectomy. World Neurosurgery, 2017, 106, 707-714.	0.7	33
44	Rates of Seizure Freedom After Surgical Resection of Diffuse Low-Grade Gliomas. World Neurosurgery, 2017, 106, 750-756.	0.7	17
45	Simultaneous Resection of Multiple Metastatic Brain Tumors with Multiple Keyhole Craniotomies. World Neurosurgery, 2017, 106, 359-367.	0.7	36
46	Symptom resolution in infiltrating WHO grade II-IV glioma patients undergoing surgical resection. Journal of Clinical Neuroscience, 2016, 31, 157-161.	0.8	16
47	A method for safely resecting anterior butterfly gliomas: the surgical anatomy of the default mode network and the relevance of its preservation. Journal of Neurosurgery, 2016, 126, 1795-1811.	0.9	56
48	Aggressive repeat surgery for focally recurrent primary glioblastoma: outcomes and theoretical framework. Neurosurgical Focus, 2015, 38, E11.	1.0	52
49	Tumor necrosis-initiated complement activation stimulates proliferation of medulloblastoma cells. Inflammation Research, 2015, 64, 185-192.	1.6	5
50	Alien limb syndrome secondary to multimodal treatment of recurrent oligodendroglioma. Journal of Clinical Neuroscience, 2015, 22, 1684-1685.	0.8	1
51	Early Discharge After Surgery for Intra-Axial Brain Tumors. World Neurosurgery, 2015, 84, 505-510.	0.7	33
52	Operative results of keyhole supracerebellar-infratentorial approach to the pineal region. Journal of Clinical Neuroscience, 2015, 22, 1105-1110.	0.8	13
53	Seizure Freedom Rates and Prognostic Indicators After Resection of Gangliogliomas: A Review. World Neurosurgery, 2015, 84, 1988-1996.	0.7	30
54	Brainstem cavernous malformations resected via miniature craniotomies: Technique and approach selection. Journal of Clinical Neuroscience, 2015, 22, 865-871.	0.8	11

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55	Histology and Molecular Aspects of Central Neurocytoma. <i>Neurosurgery Clinics of North America</i> , 2015, 26, 21-29.	0.8	25
56	Management of Planum/Olfactory Meningiomas: Predicting Symptoms and Postoperative Complications. <i>World Neurosurgery</i> , 2014, 82, 1216-1223.	0.7	15
57	Towards a hypermodern theory of meningioma surgery. <i>Clinical Neurology and Neurosurgery</i> , 2014, 126, 69-75.	0.6	3
58	MIB-1 labeling index predicts recurrence in intraventricular central neurocytomas. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 89-93.	0.8	26
59	Modern surgical outcomes following surgery for sphenoid wing meningiomas. <i>Journal of Neurosurgery</i> , 2013, 119, 86-93.	0.9	40
60	Association of Morbidity with Extent of Resection and Cavernous Sinus Invasion in Sphenoid Wing Meningiomas. <i>Skull Base</i> , 2012, 21, e5-e5.	0.4	1
61	Association of Morbidity with Extent of Resection and Cavernous Sinus Invasion in Sphenoid Wing Meningiomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2012, 73, 076-083.	0.4	12
62	Minimally Invasive Approaches to the Pineal Region. <i>Neurosurgery Clinics of North America</i> , 2011, 22, 381-384.	0.8	6
63	The molecular pathology of central neurocytomas. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1-6.	0.8	22
64	Incidence, risk factors, and outcome of venous infarction after meningioma surgery in 705 patients. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 628-632.	0.8	23
65	Clinical features and post-surgical outcome of patients with astroblastoma. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 750-754.	0.8	51
66	Marked reduction in wound complication rates following decompressive hemicraniectomy with an improved operative closure technique. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1201-1205.	0.8	18
67	Giant Intracranial Aneurysms. <i>Neurosurgery</i> , 2011, 69, 1261-1271.	0.6	187
68	Endocrinologic, neurologic, and visual morbidity after treatment for craniopharyngioma. <i>Journal of Neuro-Oncology</i> , 2011, 101, 463-476.	1.4	109
69	Postoperative seizures following the resection of convexity meningiomas: are prophylactic anticonvulsants indicated?. <i>Journal of Neurosurgery</i> , 2011, 114, 705-709.	0.9	70
70	Results with judicious modern neurosurgical management of parasagittal and falcine meningiomas. <i>Journal of Neurosurgery</i> , 2011, 114, 731-737.	0.9	58
71	Intratympanic hemorrhage and fibrosis in vestibular schwannoma: a possible mechanism for hearing loss. <i>Journal of Neurosurgery</i> , 2011, 114, 386-393.	0.9	44
72	A prospective study of hearing preservation in untreated vestibular schwannomas. <i>Journal of Neurosurgery</i> , 2011, 114, 381-385.	0.9	77

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73	Extent of resection and the long-term durability of vestibular schwannoma surgery. Journal of Neurosurgery, 2011, 114, 1218-1223.	0.9	85
74	Risk factors for the development of serious medical complications after resection of meningiomas. Journal of Neurosurgery, 2011, 114, 697-704.	0.9	53
75	A Critical Evaluation of Vestibular Schwannoma Surgery for Patients Younger Than 40 Years of Age. Neurosurgery, 2010, 67, 1646-1654.	0.6	18
76	Clinical Characteristics and Surgical Outcomes of Patients Presenting With Meningiomas Arising Predominantly From the Floor of the Middle Fossa. Neurosurgery, 2010, 67, 80-86.	0.6	12
77	The complement cascade as a mediator of tissue growth and regeneration. Inflammation Research, 2010, 59, 897-905.	1.6	109
78	Complement and the central nervous system: emerging roles in development, protection and regeneration. Immunology and Cell Biology, 2010, 88, 781-786.	1.0	37
79	The natural history of untreated sporadic vestibular schwannomas: a comprehensive review of hearing outcomes. Journal of Neurosurgery, 2010, 112, 163-167.	0.9	168
80	Cancer and the Complement Cascade. Molecular Cancer Research, 2010, 8, 1453-1465.	1.5	206
81	Factors affecting outcome following treatment of patients with cavernous sinus meningiomas. Journal of Neurosurgery, 2010, 113, 1087-1092.	0.9	67
82	Outcome and survival following primary and repeat surgery for World Health Organization Grade III meningiomas. Journal of Neurosurgery, 2010, 113, 202-209.	0.9	134
83	Prevalence of previous extracranial malignancies in a series of 1228 patients presenting with meningioma. Journal of Neurosurgery, 2010, 113, 1115-1121.	0.9	19
84	Treatment decision making based on the published natural history and growth rate of small meningiomas. Journal of Neurosurgery, 2010, 113, 1036-1042.	0.9	121
85	The relevance of Simpson Grade I and II resection in modern neurosurgical treatment of World Health Organization Grade I meningiomas. Journal of Neurosurgery, 2010, 113, 1029-1035.	0.9	244
86	Preface. Neurosurgery Clinics of North America, 2010, 21, xi.	0.8	3
87	Reconstruction of Dural Defects of the Endonasal Skull Base. Neurosurgery Clinics of North America, 2010, 21, 637-641.	0.8	6
88	Data presentation in rodent stroke studies and the predictive value of confidence intervals. Journal of Clinical Neuroscience, 2010, 17, 11-15.	0.8	5
89	Hearing preservation rates after microsurgical resection of vestibular schwannoma. Journal of Clinical Neuroscience, 2010, 17, 1126-1129.	0.8	67
90	The value of intraoperative facial nerve electromyography in predicting facial nerve function after vestibular schwannoma surgery. Journal of Clinical Neuroscience, 2010, 17, 849-852.	0.8	29

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91	Human glioma demonstrates cell line specific results with ATP-based chemiluminescent cellular proliferation assays. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 1573-1577.	0.8	7
92	Complication Avoidance in Minimally Invasive Neurosurgery. <i>Neurosurgery Clinics of North America</i> , 2010, 21, 699-702.	0.8	6
93	Preservation of facial nerve function after resection of vestibular schwannoma. <i>British Journal of Neurosurgery</i> , 2010, 24, 666-671.	0.4	75
94	Vision salvage after resection of a giant meningioma in a patient with a loss in light perception. <i>Journal of Neurosurgery</i> , 2009, 110, 109-111.	0.9	8
95	Non-audiofacial morbidity after Gamma Knife surgery for vestibular schwannoma. <i>Neurosurgical Focus</i> , 2009, 27, E4.	1.0	54
96	Pre-operative dopamine agonist therapy improves post-operative tumor control following prolactinoma resection. <i>Pituitary</i> , 2009, 12, 158-164.	1.6	29
97	Immunological considerations of modern animal models of malignant primary brain tumors. <i>Journal of Translational Medicine</i> , 2009, 7, 84.	1.8	21