

Michael E Sughrue

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

2,022
citations

236612

25
h-index

377514

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98
all docs

98
docs citations

98
times ranked

1948
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	Primary Repair of Posteriorly Located Anterior Skull Base Dural Defects Using Nonpenetrating Titanium Clips in Cranial Trauma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, 116-124.	0.4	0
3	Connectivity-based parcellation of normal and anatomically distorted human cerebral cortex. <i>Human Brain Mapping</i> , 2022, 43, 1358-1369.	1.9	30
4	Endoscopic-assisted surgical approach for butterfly glioma surgery. <i>Journal of Neuro-Oncology</i> , 2022, 156, 635-644.	1.4	10
5	Insular gliomas and tractographic visualization of the connectome. <i>Neurosurgical Focus Video</i> , 2022, 6, V4.	0.1	1
6	Eigenvector PageRank difference as a measure to reveal topological characteristics of the brain connectome for neurosurgery. <i>Journal of Neuro-Oncology</i> , 2022, 157, 49-61.	1.4	9
7	Interventional neurorehabilitation for promoting functional recovery post-craniotomy: a proof-of-concept. <i>Scientific Reports</i> , 2022, 12, 3039.	1.6	18
8	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
9	Machine Learning Decomposition of the Anatomy of Neuropsychological Deficit in Alzheimer's Disease and Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 854733.	1.7	1
10	A connectivity model of the anatomic substrates underlying Gerstmann syndrome. <i>Brain Communications</i> , 2022, 4, .	1.5	9
11	Parcellation-based tractographic modeling of the salience network through meta-analysis. <i>Brain and Behavior</i> , 2022, 12, .	1.0	11
12	Laser Interstitial Thermal Therapy Case Series: Choosing the Correct Number of Fibers Depending on Lesion Size. <i>Operative Neurosurgery</i> , 2021, 20, 18-23.	0.4	5
13	Unexpected hubness: a proof-of-concept study of the human connectome using pagerank centrality and implications for intracerebral neurosurgery. <i>Journal of Neuro-Oncology</i> , 2021, 151, 249-256.	1.4	19
14	Parcellation-based anatomic model of the semantic network. <i>Brain and Behavior</i> , 2021, 11, e02065.	1.0	21
15	A Cortical Parcellation Based Analysis of Ventral Premotor Area Connectivity. <i>Neurological Research</i> , 2021, 43, 595-607.	0.6	11
16	The Frontal Aslant Tract and Supplementary Motor Area Syndrome: Moving towards a Connectomic Initiation Axis. <i>Cancers</i> , 2021, 13, 1116.	1.7	33
17	The Unique Fiber Anatomy of Middle Temporal Gyrus Default Mode Connectivity. <i>Operative Neurosurgery</i> , 2021, 21, E8-E14.	0.4	24
18	Anatomy and White Matter Connections of the Middle Frontal Gyrus. <i>World Neurosurgery</i> , 2021, 150, e520-e529.	0.7	52

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19	The cortical organization of language: distilling human connectome insights for supratentorial neurosurgery. <i>Journal of Neurosurgery</i> , 2021, 134, 1959-1966.	0.9	18
20	Akinetic mutism reversed by inferior parietal lobule repetitive theta burst stimulation: Can we restore default mode network function for therapeutic benefit?. <i>Brain and Behavior</i> , 2021, 11, e02180.	1.0	14
21	Anatomy and White Matter Connections of the Superior Parietal Lobule. <i>Operative Neurosurgery</i> , 2021, 21, E199-E214.	0.4	19
22	Anatomy and White Matter Connections of the Lingual Gyrus and Cuneus. <i>World Neurosurgery</i> , 2021, 151, e426-e437.	0.7	82
23	Reducing the Cognitive Footprint of Brain Tumor Surgery. <i>Frontiers in Neurology</i> , 2021, 12, 711646.	1.1	53
24	A connectivity model of the anatomic substrates underlying ideomotor apraxia: A meta-analysis of functional neuroimaging studies. <i>Clinical Neurology and Neurosurgery</i> , 2021, 207, 106765.	0.6	11
25	Using Quicktome for Intracerebral Surgery: Early Retrospective Study and Proof of Concept. <i>World Neurosurgery</i> , 2021, 154, e734-e742.	0.7	16
26	Parcellation-based anatomic modeling of the default mode network. <i>Brain and Behavior</i> , 2021, 11, e01976.	1.0	21
27	Measuring graphical strength within the connectome: A neuroanatomic, parcellation-based study. <i>Journal of the Neurological Sciences</i> , 2020, 408, 116529.	0.3	3
28	Anatomy and white matter connections of the lateral occipital cortex. <i>Surgical and Radiologic Anatomy</i> , 2020, 42, 315-328.	0.6	31
29	Parcellation-based tractographic modeling of the ventral attention network. <i>Journal of the Neurological Sciences</i> , 2020, 408, 116548.	0.3	19
30	Natural history of intracranial meningiomas. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020, 169, 205-227.	1.0	4
31	Application of microfluidic devices for glioblastoma study: current status and future directions. <i>Biomedical Microdevices</i> , 2020, 22, 60.	1.4	14
32	Anatomy and white matter connections of the fusiform gyrus. <i>Scientific Reports</i> , 2020, 10, 13489.	1.6	39
33	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
34	Parcellation-based modeling of the dorsal premotor area. <i>Journal of the Neurological Sciences</i> , 2020, 415, 116907.	0.3	8
35	Middle fossa meningiomas. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020, 170, 65-67.	1.0	4
36	Pure Apraxia of Speech After Resection Based in the Posterior Middle Frontal Gyrus. <i>Neurosurgery</i> , 2020, 87, E383-E389.	0.6	28

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37	Parcellation-based tractographic modeling of the dorsal attention network. <i>Brain and Behavior</i> , 2019, 9, e01365.	1.0	34
38	In Reply to "The Extradural Minipterional Approach: "Think Small, Play Wider"™". <i>World Neurosurgery</i> , 2019, 125, 536.	0.7	0
39	Anatomy and white matter connections of the inferior frontal gyrus. <i>Clinical Anatomy</i> , 2019, 32, 546-556.	1.5	59
40	An Examination of the Role of Supramaximal Resection of Temporal Lobe Glioblastoma Multiforme. <i>World Neurosurgery</i> , 2018, 114, e747-e755.	0.7	32
41	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
42	Frontal Keyhole Craniotomy for Resection of Low- and High-Grade Gliomas. <i>Neurosurgery</i> , 2018, 82, 388-396.	0.6	32
43	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
44	Anatomy and white matter connections of the orbitofrontal gyrus. <i>Journal of Neurosurgery</i> , 2018, 128, 1865-1872.	0.9	45
45	Dural Closure in Confined Spaces of the Skull Base with Nonpenetrating Titanium Clips. <i>Operative Neurosurgery</i> , 2018, 14, 375-385.	0.4	4
46	Glioblastoma: new therapeutic strategies to address cellular and genomic complexity. <i>Oncotarget</i> , 2018, 9, 9540-9554.	0.8	60
47	HOUT-06. PATTERN OF LOW FIELD INTENSITY RECURRENCE IN HIGH-GRADE GLIOMAS FOLLOWING TUMOR TREATMENT FIELD THERAPY. <i>Neuro-Oncology</i> , 2018, 20, vi114-vi114.	0.6	0
48	In Reply to "Expanding Indications for Minipterional Craniotomy" "Parasellar Meningiomas". <i>World Neurosurgery</i> , 2018, 120, 595.	0.7	0
49	A Connectomic Atlas of the Human Cerebrum"Chapter 2: The Lateral Frontal Lobe. <i>Operative Neurosurgery</i> , 2018, 15, S10-S74.	0.4	28
50	A Connectomic Atlas of the Human Cerebrum"Chapter 16: Tractographic Description of the Vertical Occipital Fasciculus. <i>Operative Neurosurgery</i> , 2018, 15, S456-S461.	0.4	11
51	A Connectomic Atlas of the Human Cerebrum"Chapter 1: Introduction, Methods, and Significance. <i>Operative Neurosurgery</i> , 2018, 15, S1-S9.	0.4	31
52	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
53	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
54	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

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55	A Connectomic Atlas of the Human Cerebrumâ€”Chapter 6: The Temporal Lobe. Operative Neurosurgery, 2018, 15, S245-S294.	0.4	32
56	A Connectomic Atlas of the Human Cerebrumâ€”Chapter 7: The Lateral Parietal Lobe. Operative Neurosurgery, 2018, 15, S295-S349.	0.4	29
57	A Connectomic Atlas of the Human Cerebrumâ€”Chapter 8: The Posterior Cingulate Cortex, Medial Parietal Lobe, and Parieto-Occipital Sulcus. Operative Neurosurgery, 2018, 15, S350-S371.	0.4	21
58	A Connectomic Atlas of the Human Cerebrumâ€”Chapter 9: The Occipital Lobe. Operative Neurosurgery, 2018, 15, S372-S406.	0.4	24
59	A Connectomic Atlas of the Human Cerebrumâ€”Chapter 10: Tractographic Description of the Superior Longitudinal Fasciculus. Operative Neurosurgery, 2018, 15, S407-S422.	0.4	27
60	A Connectomic Atlas of the Human Cerebrumâ€”Chapter 11: Tractographic Description of the Inferior Longitudinal Fasciculus. Operative Neurosurgery, 2018, 15, S423-S428.	0.4	37
61	A Connectomic Atlas of the Human Cerebrumâ€”Chapter 12: Tractographic Description of the Middle Longitudinal Fasciculus. Operative Neurosurgery, 2018, 15, S429-S435.	0.4	11
62	A Connectomic Atlas of the Human Cerebrumâ€”Chapter 13: Tractographic Description of the Inferior Fronto-Occipital Fasciculus. Operative Neurosurgery, 2018, 15, S436-S443.	0.4	55
63	A Connectomic Atlas of the Human Cerebrumâ€”Chapter 14: Tractographic Description of the Frontal Aslant Tract. Operative Neurosurgery, 2018, 15, S444-S449.	0.4	20
64	A Connectomic Atlas of the Human Cerebrumâ€”Chapter 15: Tractographic Description of the Uncinate Fasciculus. Operative Neurosurgery, 2018, 15, S450-S455.	0.4	15
65	A Connectomic Atlas of the Human Cerebrumâ€”Chapter 17: Tractographic Description of the Cingulum. Operative Neurosurgery, 2018, 15, S462-S469.	0.4	5
66	A Connectomic Atlas of the Human Cerebrumâ€”Chapter 18: The Connectional Anatomy of Human Brain Networks. Operative Neurosurgery, 2018, 15, S470-S480.	0.4	33
67	Co-occurrence of astrocytoma and astroblastoma: Case report and literature review. Neuropathology, 2018, 38, 516-520.	0.7	0
68	Mini-Pterional Craniotomy for Resection of Parasellar Meningiomas. World Neurosurgery, 2018, 117, e637-e644.	0.7	23
69	Primary Dural Repair after Endoscopic Endonasal Approaches to the Cribriform Using Nonpenetrating Titanium Clips: Initial Experience and Surgical Technique. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.4	0
70	A Simplified Method of Accurate Postprocessing of Diffusion Tensor Imaging for Use in Brain Tumor Resection. Operative Neurosurgery, 2017, 13, 47-59.	0.4	43
71	Dr. Robert G. Heath: a controversial figure in the history of deep brain stimulation. Neurosurgical Focus, 2017, 43, E12.	1.0	22
72	Malignant Peripheral Nerve Sheath Tumor of the C2 Nerve Root: Case Report. Journal of Neurological Surgery Reports, 2017, 78, e68-e70.	0.3	0

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73	A Technique for Resecting Occipital Pole Gliomas Using a Keyhole Lobectomy. <i>World Neurosurgery</i> , 2017, 106, 707-714.	0.7	33
74	Rates of Seizure Freedom After Surgical Resection of Diffuse Low-Grade Gliomas. <i>World Neurosurgery</i> , 2017, 106, 750-756.	0.7	17
75	Simultaneous Resection of Multiple Metastatic Brain Tumors with Multiple Keyhole Craniotomies. <i>World Neurosurgery</i> , 2017, 106, 359-367.	0.7	36
76	Dural Closure In Confined Spaces of the Skull Base with Nonpenetrating Titanium Clips. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.4	0
77	Multilobar Insular-Involving Gliomas: Results with Hyperaggressive Resection. <i>Cureus</i> , 2017, 9, e1623.	0.2	2
78	Common Disconnections in Glioma Surgery: An Anatomic Description. <i>Cureus</i> , 2017, 9, e1778.	0.2	8
79	Familial Pallister-Hall in adulthood. <i>Neuroendocrinology Letters</i> , 2017, 38, 329-331.	0.2	2
80	Review of seizure outcomes after surgical resection of dysembryoplastic neuroepithelial tumors. <i>Journal of Neuro-Oncology</i> , 2016, 126, 1-10.	1.4	38
81	Symptom resolution in infiltrating WHO grade II-IV glioma patients undergoing surgical resection. <i>Journal of Clinical Neuroscience</i> , 2016, 31, 157-161.	0.8	16
82	A method for safely resecting anterior butterfly gliomas: the surgical anatomy of the default mode network and the relevance of its preservation. <i>Journal of Neurosurgery</i> , 2016, 126, 1795-1811.	0.9	56
83	Use of frameless neuronavigation for bedside placement of external ventricular catheters. <i>Journal of Clinical Neuroscience</i> , 2016, 26, 132-135.	0.8	0
84	Dramatic response to temozolomide, irinotecan, and bevacizumab for recurrent medulloblastoma with widespread osseous metastases. <i>Journal of Clinical Neuroscience</i> , 2016, 26, 161-163.	0.8	27
85	Anatomic Variations of the Floor of the Third Ventricle: An Endoscopic Study. <i>World Neurosurgery</i> , 2016, 90, 211-227.	0.7	12
86	Letter to the Editor: Radiosurgery for recurrent Grade 2 meningioma. <i>Journal of Neurosurgery</i> , 2016, 124, 584-585.	0.9	0
87	Management of Intracranial Meningiomas Using Keyhole Techniques. <i>Cureus</i> , 2016, 8, e588.	0.2	10
88	The Use of the Target Cancellation Task to Identify Eloquent Visuospatial Regions in Awake Craniotomies: Technical Note. <i>Cureus</i> , 2016, 8, e883.	0.2	13
89	Aggressive repeat surgery for focally recurrent primary glioblastoma: outcomes and theoretical framework. <i>Neurosurgical Focus</i> , 2015, 38, E11.	1.0	52
90	Early Discharge After Surgery for Intra-Axial Brain Tumors. <i>World Neurosurgery</i> , 2015, 84, 505-510.	0.7	33

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91	Operative results of keyhole supracerebellar-infratentorial approach to the pineal region. Journal of Clinical Neuroscience, 2015, 22, 1105-1110.	0.8	13
92	Seizure Freedom Rates and Prognostic Indicators After Resection of Gangliogliomas: A Review. World Neurosurgery, 2015, 84, 1988-1996.	0.7	30
93	Brainstem cavernous malformations resected via miniature craniotomies: Technique and approach selection. Journal of Clinical Neuroscience, 2015, 22, 865-871.	0.8	11
94	Endoscopic Endonasal Infrapetrous Transpterygoid Approach to the Petroclival Junction for Petrous Apex Chondrosarcoma: Technical Report. Journal of Neurological Surgery Reports, 2015, 76, e113-e116.	0.3	9
95	Hitler's parkinsonism. Neurosurgical Focus, 2015, 39, E8.	1.0	3
96	Histology and Molecular Aspects of Central Neurocytoma. Neurosurgery Clinics of North America, 2015, 26, 21-29.	0.8	25