

Jeremy D Greenlee

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,535
citations

136740

32
h-index

155451

55
g-index

97
all docs

97
docs citations

97
times ranked

4758
citing authors

#	ARTICLE	IF	CITATIONS
1	O ₂ and H ₂ O ₂ -Mediated Disruption of Fe Metabolism Causes the Differential Susceptibility of NSCLC and GBM Cancer Cells to Pharmacological Ascorbate. <i>Cancer Cell</i> , 2017, 31, 487-500.e8.	7.7	316
2	Chiari I Malformation in the Very Young Child: The Spectrum of Presentations and Experience in 31 Children Under Age 6 Years. <i>Pediatrics</i> , 2002, 110, 1212-1219.	1.0	162
3	Organic electronics for high-resolution electrocorticography of the human brain. <i>Science Advances</i> , 2016, 2, e1601027.	4.7	147
4	Sensory-motor networks involved in speech production and motor control: An fMRI study. <i>NeuroImage</i> , 2015, 109, 418-428.	2.1	144
5	Elevated body mass index and risk of postoperative CSF leak following transsphenoidal surgery. <i>Journal of Neurosurgery</i> , 2012, 116, 1311-1317.	0.9	124
6	Metastatic involvement of the pituitary gland: a systematic review with pooled individual patient data analysis. <i>Pituitary</i> , 2015, 18, 159-168.	1.6	123
7	Functional Segregation of Cortical Regions Underlying Speech Timing and Articulation. <i>Neuron</i> , 2016, 89, 1187-1193.	3.8	121
8	Risk factors and outcomes associated with surgical site infections after craniotomy or craniectomy. <i>Journal of Neurosurgery</i> , 2014, 120, 509-521.	0.9	117
9	Human Auditory Cortical Activation during Self-Vocalization. <i>PLoS ONE</i> , 2011, 6, e14744.	1.1	101
10	A human prefrontal-subthalamic circuit for cognitive control. <i>Brain</i> , 2018, 141, 205-216.	3.7	100
11	Chiari malformation Type I in children younger than age 6 years: presentation and surgical outcome. <i>Journal of Neurosurgery: Pediatrics</i> , 2010, 5, 554-561.	0.8	98
12	A Functional Connection Between Inferior Frontal Gyrus and Orofacial Motor Cortex in Human. <i>Journal of Neurophysiology</i> , 2004, 92, 1153-1164.	0.9	83
13	Cervical decompression and reconstruction without intraoperative neurophysiological monitoring. <i>Journal of Neurosurgery: Spine</i> , 2012, 16, 107-113.	0.9	74
14	A Multicenter, Single-Blind, Prospective Randomized Trial to Evaluate the Safety of a Polyethylene Glycol Hydrogel (Duraseal Dural Sealant System) as a Dural Sealant in Cranial Surgery. <i>World Neurosurgery</i> , 2012, 78, 498-504.	0.7	71
15	Neural Correlates of Vocal Production and Motor Control in Human Heschl's Gyrus. <i>Journal of Neuroscience</i> , 2016, 36, 2302-2315.	1.7	69
16	Functional connections within the human inferior frontal gyrus. <i>Journal of Comparative Neurology</i> , 2007, 503, 550-559.	0.9	60
17	Sensory-Motor Interactions for Vocal Pitch Monitoring in Non-Primary Human Auditory Cortex. <i>PLoS ONE</i> , 2013, 8, e60783.	1.1	60
18	Clinical significance of positive cranial bone flap cultures and associated risk of surgical site infection after craniotomies or craniectomies. <i>Journal of Neurosurgery</i> , 2011, 114, 1746-1754.	0.9	55

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19	First-in-Human Phase I Clinical Trial of Pharmacologic Ascorbate Combined with Radiation and Temozolomide for Newly Diagnosed Glioblastoma. <i>Clinical Cancer Research</i> , 2019, 25, 6590-6597.	3.2	52
20	Non-selective inhibition of inappropriate motor-tendencies during response-conflict by a fronto-subthalamic mechanism. <i>ELife</i> , 2019, 8, .	2.8	51
21	Preoperative third ventricular bowing as a predictor of endoscopic third ventriculostomy success. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 9, 182-190.	0.8	50
22	Preservation of Spinal Instrumentation After Development of Postoperative Bacterial Infections in Patients Undergoing Spinal Arthrodesis. <i>Journal of Spinal Disorders and Techniques</i> , 2012, 25, 299-302.	1.8	50
23	Endoscopic Approach for Pituitary Surgery Improves Rhinologic Outcomes. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2009, 118, 630-635.	0.6	49
24	PURELY ENDOSCOPIC RESECTION OF COLLOID CYSTS. <i>Operative Neurosurgery</i> , 2008, 62, 51-56.	0.4	48
25	Eosinophilic Granuloma in the Pediatric Spine. <i>Pediatric Neurosurgery</i> , 2007, 43, 285-292.	0.4	45
26	A device for cooling localized regions of human cerebral cortex. <i>Journal of Neurosurgery</i> , 2003, 99, 604-608.	0.9	42
27	New Developments in Understanding the Complexity of Human Speech Production. <i>Journal of Neuroscience</i> , 2016, 36, 11440-11448.	1.7	42
28	A speech planning network for interactive language use. <i>Nature</i> , 2022, 602, 117-122.	13.7	42
29	Risk factors for surgical site infections and assessment of vancomycin powder as a preventive measure in patients undergoing first-time cranioplasty. <i>Journal of Neurosurgery</i> , 2018, 128, 1241-1249.	0.9	40
30	Emerging technology in intracranial neuroendoscopy: application of the NICO Myriad. <i>Neurosurgical Focus</i> , 2011, 30, E6.	1.0	39
31	Deep brain stimulation hardware-related infections: 10-year experience at a single institution. <i>Journal of Neurosurgery</i> , 2019, 130, 629-638.	0.9	39
32	Pneumocephalus with BiPAP use after transsphenoidal surgery. <i>Journal of Clinical Anesthesia</i> , 2012, 24, 415-418.	0.7	38
33	Traumatic Intracranial Hemorrhage in Patients Taking Dabigatran. <i>Neurosurgery</i> , 2013, 73, E368-E374.	0.6	33
34	Hypertensive posterior reversible encephalopathy syndrome causing posterior fossa edema and hydrocephalus. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 207-211.	0.8	32
35	Risk factors associated with distal catheter migration following ventriculoperitoneal shunt placement. <i>Journal of Clinical Neuroscience</i> , 2016, 25, 46-49.	0.8	32
36	High-gamma band fronto-temporal coherence as a measure of functional connectivity in speech motor control. <i>Neuroscience</i> , 2015, 305, 15-25.	1.1	31

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37	Lateralized effect of pallidal stimulation on self-mutilation in Lesch-Nyhan disease. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 594-597.	0.8	30
38	Connectivity of the subthalamic nucleus and globus pallidus pars interna to regions within the speech network: A meta-analytic connectivity study. <i>Human Brain Mapping</i> , 2014, 35, 3499-3516.	1.9	29
39	Honored guest presentation: lifetime experiences and where we are going: Chiari I with syringohydromyelia—controversies and development of decision trees. <i>Clinical Neurosurgery</i> , 2005, 52, 297-305.	0.2	29
40	Functional Connection Between Posterior Superior Temporal Gyrus and Ventrolateral Prefrontal Cortex in Human. <i>Cerebral Cortex</i> , 2013, 23, 2309-2321.	1.6	28
41	Common fronto-temporal effective connectivity in humans and monkeys. <i>Neuron</i> , 2021, 109, 852-868.e8.	3.8	28
42	Altered resting-state functional connectivity of the putamen and internal globus pallidus is related to speech impairment in Parkinson's disease. <i>Brain and Behavior</i> , 2018, 8, e01073.	1.0	27
43	Comprehensive approach to Chiari malformation in pediatric patients. <i>Neurosurgical Focus</i> , 1999, 6, E6.	1.0	26
44	Prevention of Intrathecal Baclofen Withdrawal Syndrome. <i>Regional Anesthesia and Pain Medicine</i> , 2009, 34, 600-602.	1.1	24
45	Risk Factors for Surgical Site Infections Following Adult Spine Operations. <i>Infection Control and Hospital Epidemiology</i> , 2016, 37, 1458-1467.	1.0	24
46	Cortico-subcortical β^2 burst dynamics underlying movement cancellation in humans. <i>ELife</i> , 2021, 10, .	2.8	23
47	Neurosurgery Resident Leadership Development: An Innovative Approach. <i>Neurosurgery</i> , 2011, 68, 546-550.	0.6	22
48	Red man syndrome caused by vancomycin powder. <i>Journal of Clinical Neuroscience</i> , 2018, 50, 149-150.	0.8	21
49	An algorithm for the management of posttraumatic cervical spondyloptosis. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 951-957.	0.8	20
50	Monitoring Intravascular Volumes to Direct Hypertensive, Hypervolemic Therapy in a Patient with Vasospasm. <i>Journal of Neurosurgical Anesthesiology</i> , 2004, 16, 296-298.	0.6	18
51	Syringobulbia in a Pediatric Population. <i>Neurosurgery</i> , 2005, 57, 1147-1153.	0.6	18
52	A Pivotal Randomized Clinical Trial Evaluating the Safety and Effectiveness of a Novel Hydrogel Dural Sealant as an Adjunct to Dural Repair. <i>Operative Neurosurgery</i> , 2017, 13, 204-212.	0.4	18
53	Antibiotic impregnated catheter coverage of deep brain stimulation leads facilitates lead preservation after hardware infection. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1369-1375.	0.8	17
54	Syringobulbia in pediatric patients with Chiari malformation type I. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 22, 52-60.	0.8	15

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55	Magnetic resonance imaging (MRI) of pharmacological ascorbate-induced iron redox state as a biomarker in subjects undergoing radio-chemotherapy. <i>Redox Biology</i> , 2021, 38, 101804.	3.9	14
56	Paradoxical vocal changes in a trained singer by focally cooling the right superior temporal gyrus. <i>Cortex</i> , 2017, 89, 111-119.	1.1	13
57	Intraventricular extension of an aneurysmal subarachnoid hemorrhage is an independent predictor of a worse functional outcome. <i>Clinical Neurology and Neurosurgery</i> , 2018, 170, 67-72.	0.6	13
58	Minimally Invasive Surgery (Endonasal) for Anterior Fossa and Sellar Tumors. <i>Neurosurgery Clinics of North America</i> , 2010, 21, 607-620.	0.8	12
59	Syringohydromyelia in association with syringobulbia and syringocephaly: case report. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 15, 657-661.	0.8	12
60	Skull Base Dural Thickness and Relationship to Demographic Features: A Postmortem Study and Literature Review. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, 614-620.	0.4	12
61	The Fastest Way to Stop: Inhibitory Control and IFG-STN Hyperdirect Connectivity. <i>Neuron</i> , 2020, 106, 549-551.	3.8	11
62	Optic Neuritis: A Novel Presentation of Schilder's Disease. <i>Journal of Child Neurology</i> , 2001, 16, 693-696.	0.7	10
63	Endoscopic transnasal resection of ameloblastoma with intracranial extension. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 855-859.	0.8	10
64	Bioabsorbable plate cranial base reconstruction. <i>Laryngoscope</i> , 2015, 125, 1313-1315.	1.1	10
65	A causal role for the human subthalamic nucleus in non-selective cortico-motor inhibition. <i>Current Biology</i> , 2022, 32, 3785-3791.e3.	1.8	10
66	Synovial chondromatosis of the cervical spine. <i>Journal of Neurosurgery: Spine</i> , 2002, 97, 150.	0.9	9
67	Effect of deep brain stimulation on vocal motor control mechanisms in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 63, 46-53.	1.1	9
68	Successful deep brain stimulation for central post-stroke pain and dystonia in a single operation. <i>Journal of Clinical Neuroscience</i> , 2018, 50, 190-193.	0.8	8
69	Bone flap management strategies for postcraniotomy surgical site infection. , 2021, 12, 341.		8
70	Rathke's cleft cyst: A case report of recurrence and spontaneous involution. <i>Journal of Clinical Neuroscience</i> , 2016, 32, 122-125.	0.8	7
71	Unusual "double density" colloid cysts. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 612-614.	0.8	6
72	Endoscopic extrasellar skull base reconstruction using bioabsorbable plates. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2021, 42, 102750.	0.6	6

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73	Large Osteolytic Skull Tumor Presenting as a Small Subcutaneous Scalp Lesion. <i>Journal of the American Board of Family Medicine</i> , 2011, 24, 763-767.	0.8	5
74	Precision surgery of rolandic glioma and insights from extended functional mapping. <i>Clinical Neurology and Neurosurgery</i> , 2017, 163, 60-66.	0.6	5
75	Minimally Invasive Approaches to Anterior Skull Base Meningiomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, 254-264.	0.4	5
76	Speech dysfunction, cognition, and Parkinson's disease. <i>Progress in Brain Research</i> , 2022, 269, 153-173.	0.9	5
77	Focal Cortical Surface Cooling is a Novel and Safe Method for Intraoperative Functional Brain Mapping. <i>World Neurosurgery</i> , 2021, 147, e118-e129.	0.7	4
78	Neural Correlates of Vocal Auditory Feedback Processing: Unique Insights from Electroencephalography Recordings in a Human Cochlear Implant User. <i>ENeuro</i> , 2021, 8, ENEURO.0181-20.2020.	0.9	4
79	Using speech and electroencephalography to map human auditory cortex. , 2014, 2014, 6798-801.		3
80	Single surgeon experience with minimally invasive supraorbital craniotomy versus bifrontal craniotomy for anterior skull base meningiomas. , 2020, 11, 458.		3
81	Cognitive task-related oscillations in human internal globus pallidus and subthalamic nucleus. <i>Behavioural Brain Research</i> , 2022, 424, 113787.	1.2	3
82	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2022, , .	1.6	3
83	Visual and Hormone Outcomes in Pituitary Apoplexy: Results of a Single Surgeon, Single Institution 15-Year Retrospective Review and Pooled Data Analysis. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2020, 82, 392-400.	0.4	1
84	A meta-analysis of proportions of single arm observational series for anterior skull base meningiomas comparing supraorbital craniotomy to the endoscopic endonasal approach. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021, 26, 101303.	0.2	1
85	Voice handicap Index in Parkinson's patients: Subthalamic versus globus pallidus deep brain stimulation. <i>Journal of Clinical Neuroscience</i> , 2022, 98, 83-88.	0.8	1
86	Progressive Confusion, Memory Loss, and Gait Ataxia in an Adult. <i>JAMA - Journal of the American Medical Association</i> , 2012, 307, 2195-6.	3.8	0
87	Sensorimotor integration during human self-vocalization: Insights from invasive electrophysiology. <i>Proceedings of Meetings on Acoustics</i> , 2013, , .	0.3	0
88	Orbital Actinomyces Masquerading as Meningioma. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2020, 36, e124-e126.	0.4	0
89	Case series of sphenoid wing meningioma - What is a maximal safe resection?. <i>Neurochirurgie</i> , 2021, 67, 547-555.	0.6	0
90	Non-Selective Suppression of Inappropriate Motor-Tendencies During Response-Conflict by a Fronto-Subthalamic Mechanism for Inhibitory Control. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0