

Heather Shaw Bonilha

List of Publications by Year in descending order

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Version: 2024-02-01

200
papers

7,058
citations

70961

41
h-index

82410

72
g-index

202
all docs

202
docs citations

202
times ranked

7388
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-specific CT and MRI templates for spatial normalization. <i>NeuroImage</i> , 2012, 61, 957-965.	2.1	569
2	Anatomy of aphasia revisited. <i>Brain</i> , 2018, 141, 848-862.	3.7	235
3	Network analysis for a network disorder: The emerging role of graph theory in the study of epilepsy. <i>Epilepsy and Behavior</i> , 2015, 50, 162-170.	0.9	210
4	Medial temporal lobe epilepsy is associated with neuronal fibre loss and paradoxical increase in structural connectivity of limbic structures. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 903-909.	0.9	183
5	Clinical Implementation of Laryngeal High-Speed Videoendoscopy: Challenges and Evolution. <i>Folia Phoniatica Et Logopaedica</i> , 2008, 60, 33-44.	0.5	151
6	Multivariate Connectome-Based Symptom Mapping in Post-Stroke Patients: Networks Supporting Language and Speech. <i>Journal of Neuroscience</i> , 2016, 36, 6668-6679.	1.7	142
7	Evaluation of machine learning algorithms for treatment outcome prediction in patients with epilepsy based on structural connectome data. <i>NeuroImage</i> , 2015, 118, 219-230.	2.1	130
8	Revealing the dual streams of speech processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 15108-15113.	3.3	127
9	The One-Year Attributable Cost of Poststroke Aphasia. <i>Stroke</i> , 2012, 43, 1429-1431.	1.0	125
10	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020, 143, 2454-2473.	3.7	123
11	The brain connectome as a personalized biomarker of seizure outcomes after temporal lobectomy. <i>Neurology</i> , 2015, 84, 1846-1853.	1.5	122
12	Extrahippocampal gray matter loss and hippocampal deafferentation in patients with temporal lobe epilepsy. <i>Epilepsia</i> , 2010, 51, 519-528.	2.6	118
13	Presurgical connectome and postsurgical seizure control in temporal lobe epilepsy. <i>Neurology</i> , 2013, 81, 1704-1710.	1.5	115
14	Connectomics and graph theory analyses: Novel insights into network abnormalities in epilepsy. <i>Epilepsia</i> , 2015, 56, 1660-1668.	2.6	110
15	Neural correlates of phonological and semantic-based anomia treatment in aphasia. <i>Neuropsychologia</i> , 2007, 45, 1812-1822.	0.7	104
16	Predicting recovery in acute poststroke aphasia. <i>Annals of Neurology</i> , 2018, 83, 612-622.	2.8	104
17	Temporal lobe networks supporting the comprehension of spoken words. <i>Brain</i> , 2017, 140, 2370-2380.	3.7	98
18	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020, 6, .	4.7	97

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19	Preoperative automated fibre quantification predicts postoperative seizure outcome in temporal lobe epilepsy. <i>Brain</i> , 2017, 140, 68-82.	3.7	96
20	Deep learning applied to whole-brain connectome to determine seizure control after epilepsy surgery. <i>Epilepsia</i> , 2018, 59, 1643-1654.	2.6	93
21	The One-Year Attributable Cost of Post-stroke Dysphagia. <i>Dysphagia</i> , 2014, 29, 545-552.	1.0	92
22	Reproducibility of the Structural Brain Connectome Derived from Diffusion Tensor Imaging. <i>PLoS ONE</i> , 2015, 10, e0135247.	1.1	89
23	Regional White Matter Damage Predicts Speech Fluency in Chronic Post-Stroke Aphasia. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 845.	1.0	86
24	Patterns of Poststroke Brain Damage That Predict Speech Production Errors in Apraxia of Speech and Aphasia Dissociate. <i>Stroke</i> , 2015, 46, 1561-1566.	1.0	85
25	Connectome-based lesion-symptom mapping (CLSM): A novel approach to map neurological function. <i>NeuroImage: Clinical</i> , 2017, 16, 461-467.	1.4	82
26	Neuroimaging and connectomics of drug-resistant epilepsy at multiple scales: From focal lesions to macroscale networks. <i>Epilepsia</i> , 2019, 60, 593-604.	2.6	82
27	Preliminary Investigation of the Effect of Pulse Rate on Judgments of Swallowing Impairment and Treatment Recommendations. <i>Dysphagia</i> , 2013, 28, 528-538.	1.0	80
28	Subtypes of medial temporal lobe epilepsy: Influence on temporal lobectomy outcomes?. <i>Epilepsia</i> , 2012, 53, 1-6.	2.6	79
29	Success of Anomia Treatment in Aphasia Is Associated With Preserved Architecture of Global and Left Temporal Lobe Structural Networks. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 266-279.	1.4	78
30	Radiation Exposure Time during MBSS: Influence of Swallowing Impairment Severity, Medical Diagnosis, Clinician Experience, and Standardized Protocol Use. <i>Dysphagia</i> , 2013, 28, 77-85.	1.0	77
31	Neurocognitive deficits and prefrontal cortical atrophy in patients with schizophrenia. <i>Schizophrenia Research</i> , 2008, 101, 142-151.	1.1	73
32	Phase Asymmetries in Normophonic Speakers: Visual Judgments and Objective Findings. <i>American Journal of Speech-Language Pathology</i> , 2008, 17, 367-376.	0.9	68
33	Temporal Lobe Epilepsy Surgical Outcomes Can Be Inferred Based on Structural Connectome Hubs: A Machine Learning Study. <i>Annals of Neurology</i> , 2020, 88, 970-983.	2.8	68
34	A Systematic Review of Voice Therapy: What "Effectiveness" Really Implies. <i>Journal of Voice</i> , 2017, 31, 392.e13-392.e32.	0.6	67
35	Cortical and structural connectivity damage correlated with impaired syntactic processing in aphasia. <i>Human Brain Mapping</i> , 2019, 40, 2153-2173.	1.9	67
36	Period and Glottal Width Irregularities in Vocally Normal Speakers. <i>Journal of Voice</i> , 2008, 22, 699-708.	0.6	63

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37	Assessing the Clinical Effect of Residual Cortical Disconnection After Ischemic Strokes. <i>Stroke</i> , 2014, 45, 988-993.	1.0	63
38	Quantitative MRI in refractory temporal lobe epilepsy: relationship with surgical outcomes. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015, 5, 204-24.	1.1	56
39	BDNF genotype and tDCS interaction in aphasia treatment. <i>Brain Stimulation</i> , 2018, 11, 1276-1281.	0.7	55
40	Mapping acute lesion locations to physiological swallow impairments after stroke. <i>NeuroImage: Clinical</i> , 2019, 22, 101685.	1.4	54
41	Neurodevelopmental alterations of large-scale structural networks in children with new-onset epilepsy. <i>Human Brain Mapping</i> , 2014, 35, 3661-3672.	1.9	53
42	Sensorimotor impairment of speech auditory feedback processing in aphasia. <i>NeuroImage</i> , 2018, 165, 102-111.	2.1	53
43	Microstructure-Informed Connectomics: Enriching Large-Scale Descriptions of Healthy and Diseased Brains. <i>Brain Connectivity</i> , 2019, 9, 113-127.	0.8	50
44	Neuroanatomical foundations of naming impairments across different neurologic conditions. <i>Neurology</i> , 2015, 85, 284-292.	1.5	49
45	The ENIGMA-Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2022, 43, 113-128.	1.9	47
46	Progression of Aphasia Severity in the Chronic Stages of Stroke. <i>American Journal of Speech-Language Pathology</i> , 2019, 28, 639-649.	0.9	45
47	Best Practices in Modified Barium Swallow Studies. <i>American Journal of Speech-Language Pathology</i> , 2020, 29, 1078-1093.	0.9	45
48	Mapping Language Networks Using the Structural and Dynamic Brain Connectomes. <i>ENeuro</i> , 2017, 4, ENEURO.0204-17.2017.	0.9	45
49	Chronic post-stroke aphasia severity is determined by fragmentation of residual white matter networks. <i>Scientific Reports</i> , 2017, 7, 8188.	1.6	44
50	Racial/Ethnic Differences in Childhood Blood Lead Levels Among Children $\leq 72\text{ Months}$ of Age in the United States: a Systematic Review of the Literature. <i>Journal of Racial and Ethnic Health Disparities</i> , 2016, 3, 145-153.	1.8	43
51	Mapping Remote Subcortical Ramifications of Injury after Ischemic Strokes. <i>Behavioural Neurology</i> , 2014, 2014, 1-6.	1.1	41
52	Brain Connectivity and Functional Recovery in Patients With Ischemic Stroke. <i>Journal of Neuroimaging</i> , 2017, 27, 65-70.	1.0	40
53	Structural plasticity of the ventral stream and aphasia recovery. <i>Annals of Neurology</i> , 2017, 82, 147-151.	2.8	40
54	Long-range fibre damage in small vessel brain disease affects aphasia severity. <i>Brain</i> , 2019, 142, 3190-3201.	3.7	40

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55	Identification of Swallowing Tasks From a Modified Barium Swallow Study That Optimize the Detection of Physiological Impairment. <i>Journal of Speech, Language, and Hearing Research</i> , 2017, 60, 1855-1863.	0.7	39
56	Construct validity of the Eating Assessment Tool (EAT-10). <i>Disability and Rehabilitation</i> , 2019, 41, 549-559.	0.9	39
57	Preservation of structural brain network hubs is associated with less severe post-stroke aphasia. <i>Restorative Neurology and Neuroscience</i> , 2015, 34, 19-28.	0.4	38
58	Speech entrainment compensates for Broca's area damage. <i>Cortex</i> , 2015, 69, 68-75.	1.1	38
59	Vocal Fold Phase Asymmetries in Patients With Voice Disorders: A Study Across Visualization Techniques. <i>American Journal of Speech-Language Pathology</i> , 2012, 21, 3-15.	0.9	35
60	Mapping the landscape of cognitive development in children with epilepsy. <i>Cortex</i> , 2015, 66, 1-8.	1.1	35
61	Cortical disconnection of the ipsilesional primary motor cortex is associated with gait speed and upper extremity motor impairment in chronic left hemispheric stroke. <i>Human Brain Mapping</i> , 2018, 39, 120-132.	1.9	35
62	Use of imperceptible wrist vibration to modulate sensorimotor cortical activity. <i>Experimental Brain Research</i> , 2019, 237, 805-816.	0.7	35
63	Effect of imperceptible vibratory noise applied to wrist skin on fingertip touch evoked potentials - an EEG study. <i>Physiological Reports</i> , 2015, 3, e12624.	0.7	34
64	Serum Amyloid A-Mediated Inflammasome Activation of Microglial Cells in Cerebral Ischemia. <i>Journal of Neuroscience</i> , 2019, 39, 9465-9476.	1.7	34
65	Temporal lobe regions essential for preserved picture naming after left temporal epilepsy surgery. <i>Epilepsia</i> , 2020, 61, 1939-1948.	2.6	34
66	How common is brain atrophy in patients with medial temporal lobe epilepsy?. <i>Epilepsia</i> , 2010, 51, 1774-1779.	2.6	33
67	Mapping the neuropsychological profile of temporal lobe epilepsy using cognitive network topology and graph theory. <i>Epilepsy and Behavior</i> , 2016, 63, 9-16.	0.9	32
68	Types of naming errors in chronic post-stroke aphasia are dissociated by dual stream axonal loss. <i>Scientific Reports</i> , 2018, 8, 14352.	1.6	32
69	Leukoaraiosis Is Associated With a Decline in Language Abilities in Chronic Aphasia. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 718-729.	1.4	32
70	NMDA receptor partial agonist, d-cycloserine, enhances 10 Hz rTMS-induced motor plasticity, suggesting long-term potentiation (LTP) as underlying mechanism. <i>Brain Stimulation</i> , 2020, 13, 530-532.	0.7	32
71	Disrupted thalamic prefrontal pathways in patients with idiopathic dystonia. <i>Parkinsonism and Related Disorders</i> , 2009, 15, 64-67.	1.1	31
72	Neural organization of speech production: A lesion-based study of error patterns in connected speech. <i>Cortex</i> , 2019, 117, 228-246.	1.1	31

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73	The white matter connectome as an individualized biomarker of language impairment in temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2020, 25, 102125.	1.4	29
74	Machine learning-based multimodal prediction of language outcomes in chronic aphasia. <i>Human Brain Mapping</i> , 2021, 42, 1682-1698.	1.9	29
75	Subcortical damage and white matter disconnection associated with non-fluent speech. <i>Brain</i> , 2009, 132, e108-e108.	3.7	28
76	Automated MRI analysis for identification of hippocampal atrophy in temporal lobe epilepsy. <i>Epilepsia</i> , 2009, 50, 228-233.	2.6	28
77	Creating a Mastery Experience During the Voice Evaluation. <i>Journal of Voice</i> , 2012, 26, 665.e1-665.e7.	0.6	28
78	Rater Methodology for Stroboscopy: A Systematic Review. <i>Journal of Voice</i> , 2015, 29, 101-108.	0.6	25
79	Redefining the Pediatric Phenotype of X-Linked Monocarboxylate Transporter 8 (MCT8) Deficiency. <i>Journal of Child Neurology</i> , 2015, 30, 1664-1668.	0.7	25
80	Graph theory and cognition: A complementary avenue for examining neuropsychological status in epilepsy. <i>Epilepsy and Behavior</i> , 2016, 64, 329-335.	0.9	25
81	Artificial intelligence for classification of temporal lobe epilepsy with ROI-level MRI data: A worldwide ENIGMA-Epilepsy study. <i>NeuroImage: Clinical</i> , 2021, 31, 102765.	1.4	25
82	Epilepsy-related cytoarchitectonic abnormalities along white matter pathways. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 930-936.	0.9	24
83	Separate neural systems support representations for actions and objects during narrative speech in post-stroke aphasia. <i>NeuroImage: Clinical</i> , 2016, 10, 140-145.	1.4	24
84	The superior precentral gyrus of the insula does not appear to be functionally specialized for articulation. <i>Journal of Neurophysiology</i> , 2015, 113, 2376-2382.	0.9	23
85	Interictal Epileptiform Discharge Detection in EEG in Different Practice Settings. <i>Journal of Clinical Neurophysiology</i> , 2018, 35, 375-380.	0.9	23
86	Differences in swallow physiology in patients with left and right hemispheric strokes. <i>Physiology and Behavior</i> , 2018, 194, 144-152.	1.0	23
87	The Impact of Respiratory Exercises on Voice Outcomes: A Systematic Review of the Literature. <i>Journal of Voice</i> , 2020, 34, 648.e1-648.e39.	0.6	23
88	Patterns of seizure spread in temporal lobe epilepsy are associated with distinct white matter tracts. <i>Epilepsy Research</i> , 2021, 171, 106571.	0.8	23
89	Rehabilitating Walking Speed Poststroke With Treadmill-Based Interventions. <i>Neurorehabilitation and Neural Repair</i> , 2013, 27, 709-721.	1.4	22
90	Practice Patterns of Percutaneous Endoscopic Gastrostomy Tube Placement in Acute Stroke: Are the Guidelines Achievable?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2694-2700.	0.7	22

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91	Radiation Risks to Adult Patients Undergoing Modified Barium Swallow Studies. <i>Dysphagia</i> , 2019, 34, 922-929.	1.0	22
92	Transcranial direct current stimulation to treat aphasia: Longitudinal analysis of a randomized controlled trial. <i>Brain Stimulation</i> , 2019, 12, 190-191.	0.7	21
93	Vocal fold mucus aggregation in persons with voice disorders. <i>Journal of Communication Disorders</i> , 2012, 45, 304-311.	0.8	20
94	TheraBracelet Stimulation During Task-Practice Therapy to Improve Upper Extremity Function After Stroke: A Pilot Randomized Controlled Study. <i>Physical Therapy</i> , 2019, 99, 319-328.	1.1	20
95	High-Density EEG in Current Clinical Practice and Opportunities for the Future. <i>Journal of Clinical Neurophysiology</i> , 2021, 38, 112-123.	0.9	20
96	Hospital Readmissions of Stroke Patients with Percutaneous Endoscopic Gastrostomy Feeding Tubes. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2535-2542.	0.7	19
97	Vocal fold mucus aggregation in vocally normal speakers. <i>Logopedics Phoniatrics Vocology</i> , 2008, 33, 136-142.	0.5	18
98	Mapping the human praxis network: an investigation of white matter disconnection in limb apraxia of gesture production. <i>Brain Communications</i> , 2022, 4, fcac004.	1.5	18
99	Arytenoid adduction asymmetries in persons with and without voice disorders. <i>Logopedics Phoniatrics Vocology</i> , 2009, 34, 128-134.	0.5	17
100	Factors Influencing Oral Intake Improvement and Feeding Tube Dependency in Patients with Poststroke Dysphagia. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1421-1430.	0.7	17
101	Factors Associated With Gastrostomy Tube Removal in Patients With Dysphagia After Stroke. <i>Nutrition in Clinical Practice</i> , 2017, 32, 166-174.	1.1	16
102	Parameters and Scales Used to Assess and Report Findings From Stroboscopy: A Systematic Review. <i>Journal of Voice</i> , 2018, 32, 734-755.	0.6	16
103	Respiratory Muscle Strength Training to Improve Vocal Function in Patients with Presbyphonia. <i>Journal of Voice</i> , 2022, 36, 344-360.	0.6	16
104	Mechanisms and Risk Factors Contributing to Visual Field Deficits following Stereotactic Laser Amygdalohippocampotomy. <i>Stereotactic and Functional Neurosurgery</i> , 2019, 97, 255-265.	0.8	14
105	Relationships Between Radiation Exposure Dose, Time, and Projection in Videofluoroscopic Swallowing Studies. <i>American Journal of Speech-Language Pathology</i> , 2019, 28, 1053-1059.	0.9	14
106	Upper and Lower Limb Motor Function Correlates with Ipsilesional Corticospinal Tract and Red Nucleus Structural Integrity in Chronic Stroke: A Cross-Sectional, ROI-Based MRI Study. <i>Behavioural Neurology</i> , 2021, 2021, 1-10.	1.1	14
107	Disruptions of the Human Connectome Associated With Hemispatial Neglect. <i>Neurology</i> , 2022, 98, e107-e114.	1.5	14
108	Age-related relative volume preservation of the dominant hand cortical region. <i>Brain Research</i> , 2009, 1305, 14-19.	1.1	13

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109	Asymmetry of the Structural Brain Connectome in Healthy Older Adults. <i>Frontiers in Psychiatry</i> , 2014, 4, 186.	1.3	13
110	Differences in plasma levels of long chain and very long chain ceramides between African Americans and whites: An observational study. <i>PLoS ONE</i> , 2019, 14, e0216213.	1.1	13
111	Brain-Derived Neurotrophic Factor Genotypeâ€“Specific Differences in Cortical Activation in Chronic Aphasia. <i>Journal of Speech, Language, and Hearing Research</i> , 2019, 62, 3923-3936.	0.7	13
112	Clinical utility of structural connectomics in predicting memory in temporal lobe epilepsy. <i>Neurology</i> , 2020, 94, e2424-e2435.	1.5	13
113	Task-Specific Singing Dystonia: Vocal Instability That Technique Cannot Fix. <i>Journal of Voice</i> , 2015, 29, 71-78.	0.6	12
114	Gray Matter Axonal Connectivity Maps. <i>Frontiers in Psychiatry</i> , 2015, 6, 35.	1.3	12
115	Neural structures supporting spontaneous and assisted (entrained) speech fluency. <i>Brain</i> , 2019, 142, 3951-3962.	3.7	12
116	Fiber ball white matter modeling in focal epilepsy. <i>Human Brain Mapping</i> , 2021, 42, 2490-2507.	1.9	12
117	Behavioral interventions to improve glycemic control in African Americans with type 2 diabetes: a systematic review. <i>Ethnicity and Disease</i> , 2013, 23, 401-8.	1.0	12
118	Neural correlates of impaired vocal feedback control in post-stroke aphasia. <i>NeuroImage</i> , 2022, 250, 118938.	2.1	12
119	Prediction of Naming Outcome With fMRI Language Lateralization in Left Temporal Epilepsy Surgery. <i>Neurology</i> , 2022, 98, .	1.5	12
120	Human brain asymmetry in microstructural connectivity demonstrated by diffusional kurtosis imaging. <i>Brain Research</i> , 2014, 1588, 73-80.	1.1	11
121	Fibroblast growth factor23 is associated with axonal integrity and neural network architecture in the human frontal lobes. <i>PLoS ONE</i> , 2018, 13, e0203460.	1.1	11
122	Neuroanatomical structures supporting lexical diversity, sophistication, and phonological word features during discourse. <i>NeuroImage: Clinical</i> , 2019, 24, 101961.	1.4	11
123	The Modified Barium Swallow Study for Oropharyngeal Dysphagia: Recommendations From an Interdisciplinary Expert Panel. <i>Perspectives of the ASHA Special Interest Groups</i> , 2021, 6, 610-619.	0.4	11
124	Isolating the white matter circuitry of the dorsal language stream: <scp>Connectomeâ€“Symptom</scp> Mapping in stroke induced aphasia. <i>Human Brain Mapping</i> , 2021, 42, 5689-5702.	1.9	11
125	Impact of Gastrostomy Feeding Tube Placement on the 1â€“Year Trajectory of Care in Patients After Stroke. <i>Nutrition in Clinical Practice</i> , 2018, 33, 553-566.	1.1	10
126	Effect of Stroke on Contralateral Functional Connectivity. <i>Brain Connectivity</i> , 2021, 11, 543-552.	0.8	10

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127	Neurobehavioral and Clinical Comorbidities in Epilepsy: The Role of White Matter Network Disruption. <i>Neuroscientist</i> , 2024, 30, 105-131.	2.6	10
128	Disruptions in cortico-subcortical covariance networks associated with anxiety in new-onset childhood epilepsy. <i>NeuroImage: Clinical</i> , 2016, 12, 815-824.	1.4	9
129	Non-fluent speech following stroke is caused by impaired efference copy. <i>Cognitive Neuropsychology</i> , 2017, 34, 333-346.	0.4	9
130	The Impact of Respiratory Function on Voice in Patients with Presbyphonia. <i>Journal of Voice</i> , 2022, 36, 256-271.	0.6	9
131	Indirect White Matter Pathways Are Associated With Treated Naming Improvement in Aphasia. <i>Neurorehabilitation and Neural Repair</i> , 2021, 35, 346-355.	1.4	9
132	Racial Differences in Blood Pressure Control Following Stroke: The REGARDS Study. <i>Stroke</i> , 2021, 52, 3944-3952.	1.0	9
133	Association Between Anatomical Location of Surgically Induced Lesions and Postoperative Seizure Outcome in Temporal Lobe Epilepsy. <i>Neurology</i> , 2022, 98, .	1.5	9
134	Language Recovery after Brain Injury: A Structural Network Control Theory Study. <i>Journal of Neuroscience</i> , 2022, 42, 657-669.	1.7	9
135	Brain Perfusion Impairment in Neurologically Asymptomatic Adult Patients with Sickle-Cell Disease Shown by Voxel-Based Analysis of SPECT Images. <i>Frontiers in Neurology</i> , 2013, 4, 207.	1.1	8
136	EFFECTIVE DOSE PER UNIT KERMA-AREA PRODUCT CONVERSION FACTORS IN ADULTS UNDERGOING MODIFIED BARIUM SWALLOW STUDIES. <i>Radiation Protection Dosimetry</i> , 2017, 176, 269-277.	0.4	8
137	Pre-articulatory electrical activity associated with correct naming in individuals with aphasia. <i>Brain and Language</i> , 2018, 177-178, 1-6.	0.8	8
138	An institution-wide faculty mentoring program at an academic health center with 6-year prospective outcome data. <i>Journal of Clinical and Translational Science</i> , 2019, 3, 308-315.	0.3	8
139	Changes in description naming for common and proper nouns after left anterior temporal lobectomy. <i>Epilepsy and Behavior</i> , 2020, 106, 106912.	0.9	8
140	Poststroke Seizures and the Risk of Dementia Among Young Stroke Survivors. <i>Neurology</i> , 2022, 99, .	1.5	8
141	Structural brain network architecture and personalized medicine in epilepsy. <i>Expert Review of Precision Medicine and Drug Development</i> , 2017, 2, 229-237.	0.4	7
142	Estimating Thyroid Doses From Modified Barium Swallow Studies. <i>Health Physics</i> , 2018, 115, 360-368.	0.3	7
143	Neural processing critical for distinguishing between speech sounds. <i>Brain and Language</i> , 2019, 197, 104677.	0.8	7
144	The relationship between dorsal stream connections to the caudate and verbal fluency in Parkinson disease. <i>Brain Imaging and Behavior</i> , 2021, 15, 2121-2125.	1.1	7

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145	Individualized Responses to Ipsilesional High-Frequency and Contralesional Low-Frequency rTMS in Chronic Stroke: A Pilot Study to Support the Individualization of Neuromodulation for Rehabilitation. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 578127.	1.0	7
146	Neural correlates of within-session practice effects in mild motor impairment after stroke: a preliminary investigation. <i>Experimental Brain Research</i> , 2021, 239, 151-160.	0.7	7
147	Visualizing the Esophagus During Modified Barium Swallow Studies: A Systematic Review. <i>American Journal of Speech-Language Pathology</i> , 2021, 30, 761-771.	0.9	7
148	Cortical microstructural changes associated with treated aphasia recovery. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1884-1894.	1.7	7
149	Radiological identification of temporal lobe epilepsy using artificial intelligence: a feasibility study. <i>Brain Communications</i> , 2022, 4, fcab284.	1.5	7
150	Predicting naming responses based on pre-articulatory electrical activity in individuals with aphasia. <i>Clinical Neurophysiology</i> , 2019, 130, 2153-2163.	0.7	6
151	Investigating imaging network markers of cognitive dysfunction and pharmacoresistance in newly diagnosed epilepsy: a protocol for an observational cohort study in the UK. <i>BMJ Open</i> , 2019, 9, e034347.	0.8	6
152	Voice and Respiratory Characteristics of Men and Women Seeking Treatment for Presbyphonia. <i>Journal of Voice</i> , 2022, 36, 673-684.	0.6	6
153	Risk models to predict late-onset seizures after stroke: A systematic review. <i>Epilepsy and Behavior</i> , 2021, 121, 108003.	0.9	6
154	State of the science in inflammation and stroke recovery: A systematic review. <i>Annals of Physical and Rehabilitation Medicine</i> , 2022, 65, 101546.	1.1	6
155	Radiation exposure in modified barium swallow studies. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2020, 28, 371-375.	0.8	6
156	Predicting upper extremity motor improvement following therapy using EEG-based connectivity in chronic stroke. <i>NeuroRehabilitation</i> , 2022, 50, 105-113.	0.5	6
157	Concomitant sensory stimulation during therapy to enhance hand functional recovery post stroke. <i>Trials</i> , 2022, 23, 262.	0.7	6
158	Activity associated with speech articulation measured through direct cortical recordings. <i>Brain and Language</i> , 2017, 169, 1-7.	0.8	5
159	Topological signal processing and inference of event-related potential response. <i>Journal of Neuroscience Methods</i> , 2021, 363, 109324.	1.3	5
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