

# Heather Shaw Bonilha

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

191  
papers

4,536  
citations

35  
h-index

60  
g-index

202  
ext. papers

5,894  
ext. citations

4  
avg, IF

5.83  
L-index

#	Paper	IF	Citations
191	The role of disrupted structural connectivity in aphasia.. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2022</b> , 185, 121-127	3	0
190	Neural Correlates of Impaired Vocal Feedback Control in Post-stroke Aphasia.. <i>NeuroImage</i> , <b>2022</b> , 250, 118938	7.9	0
189	Clinical and translational research workforce education survey identifies needs of faculty and staff.. <i>Journal of Clinical and Translational Science</i> , <b>2022</b> , 6, e8	0.4	0
188	Mapping the human praxis network: an investigation of white matter disconnection in limb apraxia of gesture production.. <i>Brain Communications</i> , <b>2022</b> , 4, fcac004	4.5	6
187	Disruptions of the Human Connectome Associated With Hemispatial Neglect.. <i>Neurology</i> , <b>2022</b> , 98, e10765-114	6.1	1
186	Neurobehavioral and Clinical Comorbidities in Epilepsy: The Role of White Matter Network Disruption.. <i>Neuroscientist</i> , <b>2022</b> , 10738584221076133	7.6	0
185	Concomitant sensory stimulation during therapy to enhance hand functional recovery post stroke.. <i>Trials</i> , <b>2022</b> , 23, 262	2.8	1
184	Radiological identification of temporal lobe epilepsy using artificial intelligence: a feasibility study.. <i>Brain Communications</i> , <b>2022</b> , 4, fcab284	4.5	0
183	Stakeholder Perspectives on Radiation Use and Interdisciplinary Collaboration in Adult Modified Barium Swallow Studies.. <i>Dysphagia</i> , <b>2022</b> , 1	3.7	0
182	Connectome-Based Lesion-Symptom Mapping Using Structural Brain Imaging. <i>NeuroMethods</i> , <b>2022</b> , 167-180	1.0	0
181	Predicting upper extremity motor improvement following therapy using EEG-based connectivity in chronic stroke. <i>NeuroRehabilitation</i> , <b>2021</b> ,	2	1
180	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> , <b>2021</b> , 2021, 3010555	3	1
179	Speech Entrainment for Aphasia Recovery (SpARc) phase II trial design. <i>Contemporary Clinical Trials Communications</i> , <b>2021</b> , 24, 100876	1.8	0
178	High b-value diffusion tractography: abnormal axonal network organization associated with medication-refractory epilepsy.. <i>NeuroImage</i> , <b>2021</b> , 248, 118866	7.9	1
177	Association Between Anatomical Location of Surgically Induced Lesions and Postoperative Seizure Outcome in Temporal Lobe Epilepsy. <i>Neurology</i> , <b>2021</b> ,	6.5	1
176	State of the science in inflammation and stroke recovery: A systematic review. <i>Annals of Physical and Rehabilitation Medicine</i> , <b>2021</b> , 65, 101546	3.8	1
175	The relationship between dorsal stream connections to the caudate and verbal fluency in Parkinson disease. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 2121-2125	4.1	1

174	High-Density EEG in Current Clinical Practice and Opportunities for the Future. <i>Journal of Clinical Neurophysiology</i> , <b>2021</b> , 38, 112-123	2.2	5
173	Speech timing changes accompany speech entrainment in aphasia. <i>Journal of Communication Disorders</i> , <b>2021</b> , 90, 106090	1.9	3
172	Indirect White Matter Pathways Are Associated With Treated Naming Improvement in Aphasia. <i>Neurorehabilitation and Neural Repair</i> , <b>2021</b> , 35, 346-355	4.7	1
171	Radiation Effective Doses to Adults Undergoing Modified Barium Swallow Studies. <i>Dysphagia</i> , <b>2021</b> , 1	3.7	1
170	The Modified Barium Swallow Study for Oropharyngeal Dysphagia: Recommendations From an Interdisciplinary Expert Panel. <i>Perspectives of the ASHA Special Interest Groups</i> , <b>2021</b> , 6, 610-619	0.9	3
169	Neural correlates of within-session practice effects in mild motor impairment after stroke: a preliminary investigation. <i>Experimental Brain Research</i> , <b>2021</b> , 239, 151-160	2.3	1
168	Artificial intelligence for classification of temporal lobe epilepsy with ROI-level MRI data: A worldwide ENIGMA-Epilepsy study. <i>NeuroImage: Clinical</i> , <b>2021</b> , 31, 102765	5.3	8
167	Fiber ball white matter modeling in focal epilepsy. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 2490-2507	5.9	7
166	Patterns of seizure spread in temporal lobe epilepsy are associated with distinct white matter tracts. <i>Epilepsy Research</i> , <b>2021</b> , 171, 106571	3	3
165	Visualizing the Esophagus During Modified Barium Swallow Studies: A Systematic Review. <i>American Journal of Speech-Language Pathology</i> , <b>2021</b> , 30, 761-771	3.1	2
164	Risk models to predict late-onset seizures after stroke: A systematic review. <i>Epilepsy and Behavior</i> , <b>2021</b> , 121, 108003	3.2	1
163	Cortical microstructural changes associated with treated aphasia recovery. <i>Annals of Clinical and Translational Neurology</i> , <b>2021</b> , 8, 1884-1894	5.3	0
162	Racial Differences in Blood Pressure Control Following Stroke: The REGARDS Study. <i>Stroke</i> , <b>2021</b> , 52, 3944-3952	6.7	0
161	Effect of Stroke on Contralateral Functional Connectivity. <i>Brain Connectivity</i> , <b>2021</b> , 11, 543-552	2.7	2
160	Isolating the white matter circuitry of the dorsal language stream: Connectome-Symptom Mapping in stroke induced aphasia. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 5689-5702	5.9	3
159	Independent contributions of structural and functional connectivity: Evidence from a stroke model.. <i>Network Neuroscience</i> , <b>2021</b> , 5, 911-928	5.6	0
158	Pediatric unilateral spatial neglect: A systematic review. <i>Journal of Pediatric Rehabilitation Medicine</i> , <b>2021</b> , 14, 345-359	1.4	1
157	Cortical disconnection in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , <b>2021</b> , 123, 108231	3.2	0

156	Topological signal processing and inference of event-related potential response. <i>Journal of Neuroscience Methods</i> , <b>2021</b> , 363, 109324	3	0
155	Neural bases of elements of syntax during speech production in patients with aphasia. <i>Brain and Language</i> , <b>2021</b> , 222, 105025	2.9	0
154	Machine learning-based multimodal prediction of language outcomes in chronic aphasia. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 1682-1698	5.9	8
153	Protocol for Escitalopram and Language Intervention for Subacute Aphasia (ELISA): A randomized, double blind, placebo-controlled trial.. <i>PLoS ONE</i> , <b>2021</b> , 16, e0261474	3.7	0
152	4047 EEG as a Predictor of Post-Stroke Recovery: A Systematic Review and Meta-Analysis. <i>Journal of Clinical and Translational Science</i> , <b>2020</b> , 4, 71-71	0.4	
151	The ENIGMA-Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , <b>2020</b> ,	5.9	18
150	Changes in description naming for common and proper nouns after left anterior temporal lobectomy. <i>Epilepsy and Behavior</i> , <b>2020</b> , 106, 106912	3.2	3
149	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> , <b>2020</b> , 13, 530-532	5.1	8
148	Clinical utility of structural connectomics in predicting memory in temporal lobe epilepsy. <i>Neurology</i> , <b>2020</b> , 94, e2424-e2435	6.5	6
147	Introduction to the Special Issue: Select Papers From the 2018 Charleston Swallowing Conference at Northwestern University. <i>American Journal of Speech-Language Pathology</i> , <b>2020</b> , 29, 917-918	3.1	
146	Clinical Implementation of Transcranial Direct Current Stimulation in Aphasia: A Survey of Speech-Language Pathologists. <i>American Journal of Speech-Language Pathology</i> , <b>2020</b> , 29, 1376-1388	3.1	3
145	Best Practices in Modified Barium Swallow Studies. <i>American Journal of Speech-Language Pathology</i> , <b>2020</b> , 29, 1078-1093	3.1	16
144	Radiation exposure in modified barium swallow studies. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , <b>2020</b> , 28, 371-375	2	3
143	Spectral Encoding of Seen and Attended Object Categories in the Human Brain. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 327-342	6.6	1
142	The white matter connectome as an individualized biomarker of language impairment in temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , <b>2020</b> , 25, 102125	5.3	16
141	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	18
140	Voice and Respiratory Characteristics of Men and Women Seeking Treatment for Presbyphonia. <i>Journal of Voice</i> , <b>2020</b> ,	1.9	1
139	Respiratory Muscle Strength Training to Improve Vocal Function in Patients with Presbyphonia. <i>Journal of Voice</i> , <b>2020</b> ,	1.9	5

138	Temporal lobe regions essential for preserved picture naming after left temporal epilepsy surgery. <i>Epilepsia</i> , <b>2020</b> , 61, 1939-1948	6.4	15
137	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , <b>2020</b> , 143, 2454-2473	11.2	32
136	Temporal Lobe Epilepsy Surgical Outcomes Can Be Inferred Based on Structural Connectome Hubs: A Machine Learning Study. <i>Annals of Neurology</i> , <b>2020</b> , 88, 970-983	9.4	23
135	4302 Decreased structural basal ganglia motor loop connections in Vascular Parkinsonism compared to Parkinson disease and healthy aging. <i>Journal of Clinical and Translational Science</i> , <b>2020</b> , 4, 94-94	0.4	
134	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> , <b>2020</b> , 14, 578127	3.3	1
133	The Impact of Respiratory Exercises on Voice Outcomes: A Systematic Review of the Literature. <i>Journal of Voice</i> , <b>2020</b> , 34, 648.e1-648.e39	1.9	9
132	Comment on Physical Performance in Memory Clinic Patients: The Potential Role of the White Matter Network. <i>Journal of the American Geriatrics Society</i> , <b>2019</b> , 67, 2666	5.6	
131	Neural processing critical for distinguishing between speech sounds. <i>Brain and Language</i> , <b>2019</b> , 197, 104677	2.9	5
130	Long-range fibre damage in small vessel brain disease affects aphasia severity. <i>Brain</i> , <b>2019</b> , 142, 3190-3201	11.2	14
129	Predicting naming responses based on pre-articulatory electrical activity in individuals with aphasia. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 2153-2163	4.3	3
128	Mapping acute lesion locations to physiological swallow impairments after stroke. <i>NeuroImage: Clinical</i> , <b>2019</b> , 22, 101685	5.3	25
127	TheraBracelet Stimulation During Task-Practice Therapy to Improve Upper Extremity Function After Stroke: A Pilot Randomized Controlled Study. <i>Physical Therapy</i> , <b>2019</b> , 99, 319-328	3.3	10
126	Cortical and structural-connectivity damage correlated with impaired syntactic processing in aphasia. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 2153-2173	5.9	35
125	Differences in plasma levels of long chain and very long chain ceramides between African Americans and whites: An observational study. <i>PLoS ONE</i> , <b>2019</b> , 14, e0216213	3.7	7
124	Neuroimaging and connectomics of drug-resistant epilepsy at multiple scales: From focal lesions to macroscale networks. <i>Epilepsia</i> , <b>2019</b> , 60, 593-604	6.4	40
123	Radiation Risks to Adult Patients Undergoing Modified Barium Swallow Studies. <i>Dysphagia</i> , <b>2019</b> , 34, 922-929	3.7	14
122	Neural organization of speech production: A lesion-based study of error patterns in connected speech. <i>Cortex</i> , <b>2019</b> , 117, 228-246	3.8	16
121	Factors Influencing Oral Intake Improvement and Feeding Tube Dependency in Patients with Poststroke Dysphagia. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2019</b> , 28, 1421-1430	2.8	10

120	Microstructure-Informed Connectomics: Enriching Large-Scale Descriptions of Healthy and Diseased Brains. <i>Brain Connectivity</i> , <b>2019</b> , 9, 113-127	2.7	24
119	Leukoaraiosis Is Associated With a Decline in Language Abilities in Chronic Aphasia. <i>Neurorehabilitation and Neural Repair</i> , <b>2019</b> , 33, 718-729	4.7	9
118	Neuroanatomical structures supporting lexical diversity, sophistication, and phonological word features during discourse. <i>NeuroImage: Clinical</i> , <b>2019</b> , 24, 101961	5.3	4
117	Serum Amyloid A-Mediated Inflammasome Activation of Microglial Cells in Cerebral Ischemia. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 9465-9476	6.6	21
116	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> , <b>2019</b> , 3, 308-315	0.4	5
115	Mechanisms and Risk Factors Contributing to Visual Field Deficits following Stereotactic Laser Amygdalohippocampotomy. <i>Stereotactic and Functional Neurosurgery</i> , <b>2019</b> , 97, 255-265	1.6	10
114	Neural structures supporting spontaneous and assisted (entrained) speech fluency. <i>Brain</i> , <b>2019</b> , 142, 3951-3962	11.2	6
113	Focal seizure as a manifestation of serotonin syndrome: case report. <i>Avicenna Journal of Medicine</i> , <b>2019</b> , 9, 119-121	1.1	1
112	Characterizing Thalamo-Cortical Structural Connectivity in Essential Tremor with Diffusional Kurtosis Imaging Tractography. <i>Tremor and Other Hyperkinetic Movements</i> , <b>2019</b> , 9,	2	2
111	Motor Outcome After Early Surgery for Congenital Heart Defects (CHD): A Systematic Review. <i>American Journal of Occupational Therapy</i> , <b>2019</b> , 73, 7311515342p1-7311515342p1	0.4	
110	Progression of Aphasia Severity in the Chronic Stages of Stroke. <i>American Journal of Speech-Language Pathology</i> , <b>2019</b> , 28, 639-649	3.1	17
109	Relationships Between Radiation Exposure Dose, Time, and Projection in Videofluoroscopic Swallowing Studies. <i>American Journal of Speech-Language Pathology</i> , <b>2019</b> , 28, 1053-1059	3.1	8
108	Brain-Derived Neurotrophic Factor Genotype-Specific Differences in Cortical Activation in Chronic Aphasia. <i>Journal of Speech, Language, and Hearing Research</i> , <b>2019</b> , 62, 3923-3936	2.8	12
107	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> , <b>2019</b> , 9, e034347 <sup>3</sup>		3
106	Use of imperceptible wrist vibration to modulate sensorimotor cortical activity. <i>Experimental Brain Research</i> , <b>2019</b> , 237, 805-816	2.3	21
105	Tracking the Development of Functional Connectomes for Face Processing. <i>Brain Connectivity</i> , <b>2019</b> , 9, 231-239	2.7	0
104	Transcranial direct current stimulation to treat aphasia: Longitudinal analysis of a randomized controlled trial. <i>Brain Stimulation</i> , <b>2019</b> , 12, 190-191	5.1	14
103	Construct validity of the Eating Assessment Tool (EAT-10). <i>Disability and Rehabilitation</i> , <b>2019</b> , 41, 549-552.4	2.4	24

102	Pre-articulatory electrical activity associated with correct naming in individuals with aphasia. <i>Brain and Language</i> , <b>2018</b> , 177-178, 1-6	2.9	6
101	Predicting recovery in acute poststroke aphasia. <i>Annals of Neurology</i> , <b>2018</b> , 83, 612-622	9.4	64
100	Anatomy of aphasia revisited. <i>Brain</i> , <b>2018</b> , 141, 848-862	11.2	145
99	Impact of Gastrostomy Feeding Tube Placement on the 1-Year Trajectory of Care in Patients After Stroke. <i>Nutrition in Clinical Practice</i> , <b>2018</b> , 33, 553-566	3.6	7
98	Regional Brain Dysfunction Associated with Semantic Errors in Comprehension. <i>Seminars in Speech and Language</i> , <b>2018</b> , 39, 79-86	1.8	2
97	Sensorimotor impairment of speech auditory feedback processing in aphasia. <i>NeuroImage</i> , <b>2018</b> , 165, 102-111	7.9	24
96	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> , <b>2018</b> , 39, 120-132	5.9	22
95	Deep learning applied to whole-brain connectome to determine seizure control after epilepsy surgery. <i>Epilepsia</i> , <b>2018</b> , 59, 1643-1654	6.4	63
94	BDNF genotype and tDCS interaction in aphasia treatment. <i>Brain Stimulation</i> , <b>2018</b> , 11, 1276-1281	5.1	40
93	Marginal decision-making in the treatment of refractory epilepsy. <i>Journal of Medical Economics</i> , <b>2018</b> , 21, 438-442	2.4	2
92	Parameters and Scales Used to Assess and Report Findings From Stroboscopy: A Systematic Review. <i>Journal of Voice</i> , <b>2018</b> , 32, 734-755	1.9	8
91	Estimating Thyroid Doses From Modified Barium Swallow Studies. <i>Health Physics</i> , <b>2018</b> , 115, 360-368	2.3	5
90	Types of naming errors in chronic post-stroke aphasia are dissociated by dual stream axonal loss. <i>Scientific Reports</i> , <b>2018</b> , 8, 14352	4.9	15
89	Interictal Epileptiform Discharge Detection in EEG in Different Practice Settings. <i>Journal of Clinical Neurophysiology</i> , <b>2018</b> , 35, 375-380	2.2	13
88	Fibroblast growth factor23 is associated with axonal integrity and neural network architecture in the human frontal lobes. <i>PLoS ONE</i> , <b>2018</b> , 13, e0203460	3.7	9
87	Differences in swallow physiology in patients with left and right hemispheric strokes. <i>Physiology and Behavior</i> , <b>2018</b> , 194, 144-152	3.5	12
86	Brain Connectivity and Functional Recovery in Patients With Ischemic Stroke. <i>Journal of Neuroimaging</i> , <b>2017</b> , 27, 65-70	2.8	24
85	Activity associated with speech articulation measured through direct cortical recordings. <i>Brain and Language</i> , <b>2017</b> , 169, 1-7	2.9	3

84	Structural plasticity of the ventral stream and aphasia recovery. <i>Annals of Neurology</i> , <b>2017</b> , 82, 147-151	9.4	31
83	EFFECTIVE DOSE PER UNIT KERMA-AREA PRODUCT CONVERSION FACTORS IN ADULTS UNDERGOING MODIFIED BARIUM SWALLOW STUDIES. <i>Radiation Protection Dosimetry</i> , <b>2017</b> , 176, 269-277	9.9	7
82	Connectome-based lesion-symptom mapping (CLSM): A novel approach to map neurological function. <i>NeuroImage: Clinical</i> , <b>2017</b> , 16, 461-467	5.3	52
81	Chronic post-stroke aphasia severity is determined by fragmentation of residual white matter networks. <i>Scientific Reports</i> , <b>2017</b> , 7, 8188	4.9	25
80	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> , <b>2017</b> , 60, 1855-1863	2.8	29
79	Temporal lobe networks supporting the comprehension of spoken words. <i>Brain</i> , <b>2017</b> , 140, 2370-2380	11.2	61
78	Structural brain network architecture and personalized medicine in epilepsy. <i>Expert Review of Precision Medicine and Drug Development</i> , <b>2017</b> , 2, 229-237	1.6	7
77	Non-fluent speech following stroke is caused by impaired efference copy. <i>Cognitive Neuropsychology</i> , <b>2017</b> , 34, 333-346	2.3	7
76	A Systematic Review of Voice Therapy: What "Effectiveness" Really Implies. <i>Journal of Voice</i> , <b>2017</b> , 31, 392.e13-392.e32	1.9	29
75	Preoperative automated fibre quantification predicts postoperative seizure outcome in temporal lobe epilepsy. <i>Brain</i> , <b>2017</b> , 140, 68-82	11.2	67
74	Efficacy of Six Tasks to Clear Laryngeal Mucus Aggregation. <i>Journal of Voice</i> , <b>2017</b> , 31, 254.e11-254.e15	1.9	2
73	Factors Associated With Gastrostomy Tube Removal in Patients With Dysphagia After Stroke. <i>Nutrition in Clinical Practice</i> , <b>2017</b> , 32, 166-174	3.6	14
72	Cortical Substrate of Supraspinal Fatigue following Exhaustive Aerobic Exercise Localizes to a Large Cluster in the Anterior Premotor Cortex. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 483	4.1	1
71	Mapping Language Networks Using the Structural and Dynamic Brain Connectomes. <i>ENeuro</i> , <b>2017</b> , 4,	3.9	24
70	Increased anatomical precision of pre-surgical intracranial mapping by combining white matter tractography with direct cortical stimulation. <i>Clinical Neurophysiology</i> , <b>2016</b> , 127, 976-979	4.3	1
69	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> , <b>2016</b> , 30, 266-79	4.7	61
68	Hospital Readmissions of Stroke Patients with Percutaneous Endoscopic Gastrostomy Feeding Tubes. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2016</b> , 25, 2535-42	2.8	18
67	Mapping the neuropsychological profile of temporal lobe epilepsy using cognitive network topology and graph theory. <i>Epilepsy and Behavior</i> , <b>2016</b> , 63, 9-16	3.2	24



66	Epilepsy-related cytoarchitectonic abnormalities along white matter pathways. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2016</b> , 87, 930-6	5.5	18
65	Multivariate Connectome-Based Symptom Mapping in Post-Stroke Patients: Networks Supporting Language and Speech. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 6668-79	6.6	101
64	Racial/Ethnic Differences in Childhood Blood Lead Levels Among Children . <i>Journal of Racial and Ethnic Health Disparities</i> , <b>2016</b> , 3, 145-53	3.5	30
63	Separate neural systems support representations for actions and objects during narrative speech in post-stroke aphasia. <i>NeuroImage: Clinical</i> , <b>2016</b> , 10, 140-5	5.3	19
62	Graph theory and cognition: A complementary avenue for examining neuropsychological status in epilepsy. <i>Epilepsy and Behavior</i> , <b>2016</b> , 64, 329-335	3.2	18
61	Preservation of structural brain network hubs is associated with less severe post-stroke aphasia. <i>Restorative Neurology and Neuroscience</i> , <b>2016</b> , 34, 19-28	2.8	26
60	Comparing Measurement Accuracy of Short Forms: Individual Point Difference and Functional Related Group Classification. <i>American Journal of Occupational Therapy</i> , <b>2016</b> , 70, 7011500042p1-7011500042p1	0.4	0.4
59	Developing Continuum of Care Assessment Across Postacute Care in Veterans. <i>American Journal of Occupational Therapy</i> , <b>2016</b> , 70, 7011500014p1-7011500014p1	0.4	0.4
58	Comparing Measurement Precisions of Short Forms: Measuring Self-Care Physical Function in Veterans. <i>American Journal of Occupational Therapy</i> , <b>2016</b> , 70, 7011500011p1-7011500011p1	0.4	0.4
57	Revealing the dual streams of speech processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 15108-15113	11.5	85
56	Disruptions in cortico-subcortical covariance networks associated with anxiety in new-onset childhood epilepsy. <i>NeuroImage: Clinical</i> , <b>2016</b> , 12, 815-824	5.3	6
55	Alpha coma related to intentional bupropion overdose. <i>Journal of the Neurological Sciences</i> , <b>2016</b> , 365, 48-9	3.2	4
54	Practice Patterns of Percutaneous Endoscopic Gastrostomy Tube Placement in Acute Stroke: Are the Guidelines Achievable?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2016</b> , 25, 2694-2700	2.8	19
53	Mapping the landscape of cognitive development in children with epilepsy. <i>Cortex</i> , <b>2015</b> , 66, 1-8	3.8	30
52	Gray matter axonal connectivity maps. <i>Frontiers in Psychiatry</i> , <b>2015</b> , 6, 35	5	8
51	Network analysis for a network disorder: The emerging role of graph theory in the study of epilepsy. <i>Epilepsy and Behavior</i> , <b>2015</b> , 50, 162-70	3.2	140
50	Neuroanatomical foundations of naming impairments across different neurologic conditions. <i>Neurology</i> , <b>2015</b> , 85, 284-92	6.5	25
49	Speech entrainment compensates for Broca's area damage. <i>Cortex</i> , <b>2015</b> , 69, 68-75	3.8	29

48	Patterns of poststroke brain damage that predict speech production errors in apraxia of speech and aphasia dissociate. <i>Stroke</i> , <b>2015</b> , 46, 1561-6	6.7	61
47	Redefining the Pediatric Phenotype of X-Linked Monocarboxylate Transporter 8 (MCT8) Deficiency: Implications for Diagnosis and Therapies. <i>Journal of Child Neurology</i> , <b>2015</b> , 30, 1664-8	2.5	22
46	The brain connectome as a personalized biomarker of seizure outcomes after temporal lobectomy. <i>Neurology</i> , <b>2015</b> , 84, 1846-53	6.5	83
45	Connectomics and graph theory analyses: Novel insights into network abnormalities in epilepsy. <i>Epilepsia</i> , <b>2015</b> , 56, 1660-8	6.4	74
44	Reproducibility of the Structural Brain Connectome Derived from Diffusion Tensor Imaging. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135247	3.7	59
43	Evaluation of machine learning algorithms for treatment outcome prediction in patients with epilepsy based on structural connectome data. <i>NeuroImage</i> , <b>2015</b> , 118, 219-30	7.9	95
42	Effect of imperceptible vibratory noise applied to wrist skin on fingertip touch evoked potentials - an EEG study. <i>Physiological Reports</i> , <b>2015</b> , 3, e12624	2.6	20
41	Aphasia in multilingual individuals: the importance of bedside premorbid language proficiency assessment. <i>ENeurologicalSci</i> , <b>2015</b> , 1, 1-2	2.1	3
40	Rater methodology for stroboscopy: a systematic review. <i>Journal of Voice</i> , <b>2015</b> , 29, 101-8	1.9	17
39	The superior precentral gyrus of the insula does not appear to be functionally specialized for articulation. <i>Journal of Neurophysiology</i> , <b>2015</b> , 113, 2376-82	3.2	17
38	Task-specific singing dystonia: vocal instability that technique cannot fix. <i>Journal of Voice</i> , <b>2015</b> , 29, 71-81.9		8
37	Quantitative MRI in refractory temporal lobe epilepsy: relationship with surgical outcomes. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2015</b> , 5, 204-24	3.6	40
36	Human brain asymmetry in microstructural connectivity demonstrated by diffusional kurtosis imaging. <i>Brain Research</i> , <b>2014</b> , 1588, 73-80	3.7	8
35	The one-year attributable cost of post-stroke dysphagia. <i>Dysphagia</i> , <b>2014</b> , 29, 545-52	3.7	66
34	Asymmetry of the structural brain connectome in healthy older adults. <i>Frontiers in Psychiatry</i> , <b>2014</b> , 4, 186	5	12
33	Regional white matter damage predicts speech fluency in chronic post-stroke aphasia. <i>Frontiers in Human Neuroscience</i> , <b>2014</b> , 8, 845	3.3	64
32	Mapping remote subcortical ramifications of injury after ischemic strokes. <i>Behavioural Neurology</i> , <b>2014</b> , 2014, 215380	3	30
31	Neurodevelopmental alterations of large-scale structural networks in children with new-onset epilepsy. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 3661-72	5.9	35

30	Assessing the clinical effect of residual cortical disconnection after ischemic strokes. <i>Stroke</i> , <b>2014</b> , 45, 988-93	6.7	50
29	Preliminary investigation of the effect of pulse rate on judgments of swallowing impairment and treatment recommendations. <i>Dysphagia</i> , <b>2013</b> , 28, 528-38	3.7	69
28	Radiation exposure time during MBSS: influence of swallowing impairment severity, medical diagnosis, clinician experience, and standardized protocol use. <i>Dysphagia</i> , <b>2013</b> , 28, 77-85	3.7	59
27	Presurgical connectome and postsurgical seizure control in temporal lobe epilepsy. <i>Neurology</i> , <b>2013</b> , 81, 1704-10	6.5	97
26	Rehabilitating walking speed poststroke with treadmill-based interventions: a systematic review of randomized controlled trials. <i>Neurorehabilitation and Neural Repair</i> , <b>2013</b> , 27, 709-21	4.7	19
25	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> , <b>2013</b> , 4, 207	4.1	6
24	Stroboscopic Parameters Reported as Voice Outcome Measures in Patients Treated for Laryngeal Cancer: A Systematic Review. <i>Journal of Medical Speech - Language Pathology</i> , <b>2013</b> , 21,		1
23	Behavioral interventions to improve glycemic control in African Americans with type 2 diabetes: a systematic review. <i>Ethnicity and Disease</i> , <b>2013</b> , 23, 401-8	1.8	9
22	Vocal fold mucus aggregation in persons with voice disorders. <i>Journal of Communication Disorders</i> , <b>2012</b> , 45, 304-11	1.9	15
21	Age-specific CT and MRI templates for spatial normalization. <i>NeuroImage</i> , <b>2012</b> , 61, 957-65	7.9	403
20	Creating a mastery experience during the voice evaluation. <i>Journal of Voice</i> , <b>2012</b> , 26, 665.e1-7	1.9	18
19	Laryngeal sensation before and after clearing behaviors. <i>Journal of Voice</i> , <b>2012</b> , 26, 674.e1-7	1.9	2
18	Subtypes of medial temporal lobe epilepsy: influence on temporal lobectomy outcomes?. <i>Epilepsia</i> , <b>2012</b> , 53, 1-6	6.4	75
17	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> , <b>2012</b> , 83, 903-9	5.5	152
16	The one-year attributable cost of poststroke aphasia. <i>Stroke</i> , <b>2012</b> , 43, 1429-31	6.7	91
15	Vocal fold phase asymmetries in patients with voice disorders: a study across visualization techniques. <i>American Journal of Speech-Language Pathology</i> , <b>2012</b> , 21, 3-15	3.1	26
14	Extrahippocampal gray matter loss and hippocampal deafferentation in patients with temporal lobe epilepsy. <i>Epilepsia</i> , <b>2010</b> , 51, 519-28	6.4	106
13	How common is brain atrophy in patients with medial temporal lobe epilepsy?. <i>Epilepsia</i> , <b>2010</b> , 51, 1774-84	6.4	30

12	Subcortical damage and white matter disconnection associated with non-fluent speech. <i>Brain</i> , <b>2009</b> , 132, e108	11.2	27
11	Age-related relative volume preservation of the dominant hand cortical region. <i>Brain Research</i> , <b>2009</b> , 1305, 14-9	3.7	10
10	Automated MRI analysis for identification of hippocampal atrophy in temporal lobe epilepsy. <i>Epilepsia</i> , <b>2009</b> , 50, 228-33	6.4	24
9	Disrupted thalamic prefrontal pathways in patients with idiopathic dystonia. <i>Parkinsonism and Related Disorders</i> , <b>2009</b> , 15, 64-7	3.6	29
8	Arytenoid adduction asymmetries in persons with and without voice disorders. <i>Logopedics Phoniatrics Vocology</i> , <b>2009</b> , 34, 128-34	1.3	14
7	Neurocognitive deficits and prefrontal cortical atrophy in patients with schizophrenia. <i>Schizophrenia Research</i> , <b>2008</b> , 101, 142-51	3.6	66
6	Period and glottal width irregularities in vocally normal speakers. <i>Journal of Voice</i> , <b>2008</b> , 22, 699-708	1.9	54
5	Clinical implementation of laryngeal high-speed videoendoscopy: challenges and evolution. <i>Folia Phoniatrica Et Logopaedica</i> , <b>2008</b> , 60, 33-44	1.5	121
4	Vocal fold mucus aggregation in vocally normal speakers. <i>Logopedics Phoniatrics Vocology</i> , <b>2008</b> , 33, 136-42	1.3	13
3	Phase asymmetries in normophonic speakers: visual judgments and objective findings. <i>American Journal of Speech-Language Pathology</i> , <b>2008</b> , 17, 367-76	3.1	58
2	Neural correlates of phonological and semantic-based anomia treatment in aphasia. <i>Neuropsychologia</i> , <b>2007</b> , 45, 1812-22	3.2	90
1	Progression of Aphasia Severity in the Chronic Stages of Stroke. <i>American Journal of Speech-Language Pathology</i> , 1-11	3.1	1