Gottfried Schlaug

List of Publications by Year
in descending order

195	22,350	5261 83	9579 142
papers	citations	h-index	g-index

198	198	198	16102
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Brain Structures Differ between Musicians and Non-Musicians. Journal of Neuroscience, 2003, 23, 9240-9245.	1.7	1,347
2	Magnetic resonance imaging profiles predict clinical response to early reperfusion: The diffusion and perfusion imaging evaluation for understanding stroke evolution (DEFUSE) study. Annals of Neurology, 2006, 60, 508-517.	2.8	1,138
3	Musical Training Shapes Structural Brain Development. Journal of Neuroscience, 2009, 29, 3019-3025.	1.7	661
4	Increased corpus callosum size in musicians. Neuropsychologia, 1995, 33, 1047-1055.	0.7	613
5	Action Representation of Sound: Audiomotor Recognition Network While Listening to Newly Acquired Actions. Journal of Neuroscience, 2007, 27, 308-314.	1.7	516
6	Shared networks for auditory and motor processing in professional pianists: Evidence from fMRI conjunction. NeuroImage, 2006, 30, 917-926.	2.1	497
7	Asymmetry in the Human Motor Cortex and Handedness. NeuroImage, 1996, 4, 216-222.	2.1	447
8	Music Making as a Tool for Promoting Brain Plasticity across the Life Span. Neuroscientist, 2010, 16, 566-577.	2.6	367
9	Motor cortex and hand motor skills: Structural compliance in the human brain. , 1997, 5, 206-215.		342
10	Evidence for Plasticity in Whiteâ€Matter Tracts of Patients with Chronic Broca's Aphasia Undergoing Intense Intonationâ€based Speech Therapy. Annals of the New York Academy of Sciences, 2009, 1169, 385-394.	1.8	340
11	Effects of transcranial direct current stimulation (tDCS) on human regional cerebral blood flow. NeuroImage, 2011, 58, 26-33.	2.1	340
12	Adults and children processing music: An fMRI study. NeuroImage, 2005, 25, 1068-1076.	2.1	333
13	Transcranial Direct Current Stimulation in Stroke Recovery. Archives of Neurology, 2008, 65, 1571-6.	4.9	300
14	Functional anatomy of pitch memoryâ€”an fMRI study with sparse temporal sampling. NeuroImage, 2003, 19, 1417-1426.	2.1	290
15	Effects of Music Training on the Child's Brain and Cognitive Development. Annals of the New York Academy of Sciences, 2005, 1060, 219-230.	1.8	287
16	Lesion Load of the Corticospinal Tract Predicts Motor Impairment in Chronic Stroke. Stroke, 2010, 41, 910-915.	1.0	275
17	Dual-hemisphere tDCS facilitates greater improvements for healthy subjects' non-dominant hand compared to uni-hemisphere stimulation. BMC Neuroscience, 2008, 9, 103.	0.8	271
18	Corticospinal tract lesion load: An imaging biomarker for stroke motor outcomes. Annals of Neurology, 2015, 78, 860-870.	2.8	264

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19	Prefrontal cortex fMRI signal changes are correlated with working memory load. NeuroReport, 1997, 8, 545-549.	0.6	259
20	Shared and distinct neural correlates of singing and speaking. NeuroImage, 2006, 33, 628-635.	2.1	258
21	Absolute Pitch and Planum Temporale. NeuroImage, 2001, 14, 1402-1408.	2.1	256
22	Tone Deafness: A New Disconnection Syndrome?. Journal of Neuroscience, 2009, 29, 10215-10220.	1.7	256
23	Clinical and Vascular Outcome in Internal Carotid Artery Versus Middle Cerebral Artery Occlusions After Intravenous Tissue Plasminogen Activator. Stroke, 2002, 33, 2066-2071.	1.0	250
24	Reciprocal modulation and attenuation in the prefrontal cortex: An fMRI study on emotional-cognitive interaction. Human Brain Mapping, 2004, 21, 202-212.	1.9	225
25	Rapid and Reversible Recruitment of Early Visual Cortex for Touch. PLoS ONE, 2008, 3, e3046.	1.1	225
26	Predicting functional motor potential in chronic stroke patients using diffusion tensor imaging. Human Brain Mapping, 2012, 33, 1040-1051.	1.9	221
27	Effects of Practice and Experience on the Arcuate Fasciculus: Comparing Singers, Instrumentalists, and Non-Musicians. Frontiers in Psychology, 2011, 2, 156.	1.1	220
28	Inter-subject variability of cerebral activations in acquiring a motor skill: a study with positron emission tomography. Experimental Brain Research, 1994, 98, 523-34.	0.7	214
29	Practicing a Musical Instrument in Childhood is Associated with Enhanced Verbal Ability and Nonverbal Reasoning. PLoS ONE, 2008, 3, e3566.	1.1	207
30	The Stroke Patient Who Woke Up. Stroke, 2002, 33, 988-993.	1.0	206
31	Impairment of Speech Production Predicted by Lesion Load of the Left Arcuate Fasciculus. Stroke, 2011, 42, 2251-2256.	1.0	206
32	Quantitative analysis of sulci in the human cerebral cortex: Development, regional heterogeneity, gender difference, asymmetry, intersubject variability and cortical architecture. Human Brain Mapping, 1997, 5, 218-221.	1.9	201
33	Ipsilateral motor cortex activation on functional magnetic resonance imaging during unilateral hand movements is related to interhemispheric interactions. NeuroImage, 2003, 20, 2259-2270.	2.1	197
34	Specialization of the specialized in features of external human brain morphology. European Journal of Neuroscience, 2006, 24, 1832-1834.	1.2	192
35	Anodal Transcranial Direct Current Stimulation of the Prefrontal Cortex Enhances Complex Verbal Associative Thought. Journal of Cognitive Neuroscience, 2009, 21, 1980-1987.	1.1	192
36	Predictors of Hemorrhagic Transformation After Intravenous Recombinant Tissue Plasminogen Activator. Stroke, 2002, 33, 2047-2052.	1.0	189

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37	FROM SINGING TO SPEAKING: WHY SINGING MAY LEAD TO RECOVERY OF EXPRESSIVE LANGUAGE FUNCTION IN PATIENTS WITH BROCA'S APHASIA. Music Perception, 2008, 25, 315-323.	0.5	181
38	Is the Association of National Institutes of Health Stroke Scale Scores and Acute Magnetic Resonance Imaging Stroke Volume Equal for Patients With Right- and Left-Hemisphere Ischemic Stroke?. Stroke, 2002, 33, 954-958.	1.0	179
39	Gray Matter Differences between Musicians and Nonmusicians. Annals of the New York Academy of Sciences, 2003, 999, 514-517.	1.8	177
40	From singing to speaking: facilitating recovery from nonfluent aphasia. Future Neurology, 2010, 5, 657-665.	0.9	168
41	Diagnosis of Cerebral Venous Thrombosis With Echo-Planar T2*-Weighted Magnetic Resonance Imaging. Archives of Neurology, 2002, 59, 1021.	4.9	167
42	Are there pre-existing neural, cognitive, or motoric markers for musical ability?. Brain and Cognition, 2005, 59, 124-134.	0.8	167
43	Musicians and music making as a model for the study of brain plasticity. Progress in Brain Research, 2015, 217, 37-55.	0.9	164
44	The Effects of Musical Training on Structural Brain Development. Annals of the New York Academy of Sciences, 2009, 1169, 182-186.	1.8	158
45	Structural Asymmetries in the Human Forebrain and the Forebrain of Non-human Primates and Rats. Neuroscience and Biobehavioral Reviews, 1996, 20, 593-605.	2.9	157
46	Contralateral and ipsilateral motor effects after transcranial direct current stimulation. NeuroReport, 2006, 17, 671-674.	0.6	155
47	Cerebral activation covaries with movement rate. NeuroReport, 1996, 7, 879-883.	0.6	152
48	Noninvasive Brain Stimulation May Improve Stroke-Related Dysphagia. Stroke, 2011, 42, 1035-1040.	1.0	152
49	Actionâ€“perception mismatch in tone-deafness. Current Biology, 2008, 18, R331-R332.	1.8	151
50	Melodic Intonation Therapy. Annals of the New York Academy of Sciences, 2009, 1169, 431-436.	1.8	151
51	Amygdala activity can be modulated by unexpected chord functions during music listening. NeuroReport, 2008, 19, 1815-1819.	0.6	141
52	Hand Skill Asymmetry in Professional Musicians. Brain and Cognition, 1997, 34, 424-432.	0.8	131
53	Safety and Tolerability of Deferoxamine Mesylate in Patients With Acute Intracerebral Hemorrhage. Stroke, 2011, 42, 3067-3074.	1.0	129
54	Corpus callosum and brain volume in women and men. NeuroReport, 1995, 6, 1002-1004.	0.6	124

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55	Relationships Between Infarct Growth, Clinical Outcome, and Early Recanalization in Diffusion and Perfusion Imaging for Understanding Stroke Evolution (DEFUSE). Stroke, 2008, 39, 2257-2263.	1.0	122
56	Optimizing recovery potential through simultaneous occupational therapy and non-invasive brain-stimulation using tDCS. Restorative Neurology and Neuroscience, 2011, 29, 411-420.	0.4	119
57	Dissociable networks for the expectancy and perception of emotional stimuli in the human brain. NeuroImage, 2006, 30, 588-600.	2.1	118
58	The Therapeutic Effects of Singing in Neurological Disorders. Music Perception, 2010, 27, 287-295.	0.5	118
59	Imaging correlates of motor recovery from cerebral infarction and their physiological significance in well-recovered patients. NeuroImage, 2007, 34, 253-263.	2.1	117
60	Trainingâ€induced Neuroplasticity in Young Children. Annals of the New York Academy of Sciences, 2009, 1169, 205-208.	1.8	117
61	A Validated Smartphone-Based Assessment of Gait and Gait Variability in Parkinsonâ€™s Disease. PLoS ONE, 2015, 10, e0141694.	1.1	117
62	Enhanced Cortical Connectivity in Absolute Pitch Musicians: A Model for Local Hyperconnectivity. Journal of Cognitive Neuroscience, 2011, 23, 1015-1026.	1.1	116
63	Corpus callosum: musician and gender effects. NeuroReport, 2003, 14, 205-209.	0.6	115
64	Intensive therapy induces contralateral white matter changes in chronic stroke patients with Brocaâ€™s aphasia. Brain and Language, 2014, 136, 1-7.	0.8	115
65	Non-Invasive Brain Stimulation Enhances the Effects of Melodic Intonation Therapy. Frontiers in Psychology, 2011, 2, 230.	1.1	114
66	Diffusion-Weighted Imaging and National Institutes of Health Stroke Scale in the Acute Phase of Posterior-Circulation Stroke. Archives of Neurology, 2001, 58, 621-8.	4.9	113
67	Testing for causality with transcranial direct current stimulation: pitch memory and the left supramarginal gyrus. NeuroReport, 2006, 17, 1047-1050.	0.6	111
68	Diffusion tensor imaging as a prognostic biomarker for motor recovery and rehabilitation after stroke. Neuroradiology, 2017, 59, 343-351.	1.1	111
69	Transcranial direct current stimulation: a noninvasive tool to facilitate stroke recovery. Expert Review of Medical Devices, 2008, 5, 759-768.	1.4	109
70	The Use of Non-invasive Brain Stimulation Techniques to Facilitate Recovery from Post-stroke Aphasia. Neuropsychology Review, 2011, 21, 288-301.	2.5	109
71	THE RELATION BETWEEN MUSIC AND PHONOLOGICAL PROCESSING IN NORMAL-READING CHILDREN AND CHILDREN WITH DYSLEXIA. Music Perception, 2008, 25, 383-390.	0.5	108
72	Association Between Serum Ferritin Level and Perihematoma Edema Volume in Patients With Spontaneous Intracerebral Hemorrhage. Stroke, 2008, 39, 1165-1170.	1.0	108

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73	Brain connectivity reflects human aesthetic responses to music. Social Cognitive and Affective Neuroscience, 2016, 11, 884-891.	1.5	108
74	Compensatory role of the cortico-rubro-spinal tract in motor recovery after stroke. Neurology, 2012, 79, 515-522.	1.5	103
75	Improvement-related functional plasticity following pitch memory training. NeuroImage, 2006, 31, 255-263.	2.1	102
76	Clinical Correlations of Diffusion and Perfusion Lesion Volumes in Acute Ischemic Stroke. Cerebrovascular Diseases, 2000, 10, 441-448.	0.8	95
77	Modulating activity in the motor cortex affects performance for the two hands differently depending upon which hemisphere is stimulated. European Journal of Neuroscience, 2008, 28, 1667-1673.	1.2	92
78	How do we modulate our emotions? Parametric fMRI reveals cortical midline structures as regions specifically involved in the processing of emotional valences. Cognitive Brain Research, 2005, 25, 348-358.	3.3	91
79	Auditory-Motor Mapping Training as an Intervention to Facilitate Speech Output in Non-Verbal Children with Autism: A Proof of Concept Study. PLoS ONE, 2011, 6, e25505.	1.1	91
80	Apollo's gift. Progress in Brain Research, 2015, 217, 237-252.	0.9	91
81	Arterial Occlusive Lesions Recanalize More Frequently in Women Than in Men After Intravenous Tissue Plasminogen Activator Administration for Acute Stroke. Stroke, 2005, 36, 1447-1451.	1.0	90
82	Hand Function Improvement with Low-Frequency Repetitive Transcranial Magnetic Stimulation of the Unaffected Hemisphere in a Severe Case of Stroke. American Journal of Physical Medicine and Rehabilitation, 2006, 85, 927-930.	0.7	90
83	The Harvard Beat Assessment Test (H-BAT): a battery for assessing beat perception and production and their dissociation. Frontiers in Human Neuroscience, 2013, 7, 771.	1.0	89
84	Absolute pitch in blind musicians. NeuroReport, 2004, 15, 803-806.	0.6	88
85	The effect of musicianship on pitch memory in performance matched groups. NeuroReport, 2003, 14, 2291-2295.	0.6	84
86	The influence of sleep on auditory learning: a behavioral study. NeuroReport, 2004, 15, 731-734.	0.6	84
87	Resting State Interhemispheric Motor Connectivity and White Matter Integrity Correlate with Motor Impairment in Chronic Stroke. Frontiers in Neurology, 2013, 4, 178.	1.1	84
88	Attentional modulation of emotional stimulus processing: An fMRI study using emotional expectancy. Human Brain Mapping, 2006, 27, 662-677.	1.9	81
89	Evidence for peri-ictal bloodâ€“brain barrier dysfunction in patients with epilepsy. Brain, 2018, 141, 2952-2965.	3.7	79
90	Congenital amusia: an auditory-motor feedback disorder?. Restorative Neurology and Neuroscience, 2007, 25, 323-34.	0.4	79

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91	Quantitative cytoarchitectonics of the posterior cingulate cortex in primates. Journal of Comparative Neurology, 1986, 253, 514-524.	0.9	78
92	Guidelines for TMS/tES clinical services and research through the COVID-19 pandemic. Brain Stimulation, 2020, 13, 1124-1149.	0.7	78
93	Keeping brains young with making music. Brain Structure and Function, 2018, 223, 297-305.	1.2	77
94	Detection and Predictive Value of Fractional Anisotropy Changes of the Corticospinal Tract in the Acute Phase of a Stroke. Stroke, 2016, 47, 1520-1526.	1.0	75
95	From music making to speaking: Engaging the mirror neuron system in autism. Brain Research Bulletin, 2010, 82, 161-168.	1.4	72
96	Diffusion- and Perfusion-Weighted MRI Patterns in Borderzone Infarcts. Stroke, 2000, 31, 1090-1096.	1.0	69
97	When right is all that is left: plasticity of rightâ€hemisphere tracts in a young aphasic patient. Annals of the New York Academy of Sciences, 2012, 1252, 237-245.	1.8	68
98	Enhanced functional networks in absolute pitch. NeuroImage, 2012, 63, 632-640.	2.1	67
99	Evaluation of the Clinicalâ€“Diffusion and Perfusionâ€“Diffusion Mismatch Models in DEFUSE. Stroke, 2007, 38, 1826-1830.	1.0	66
100	Combined Central and Peripheral Stimulation to Facilitate Motor Recovery After Stroke. Neurorehabilitation and Neural Repair, 2012, 26, 479-483.	1.4	66
101	Predicting speech fluency and naming abilities in aphasic patients. Frontiers in Human Neuroscience, 2013, 7, 831.	1.0	66
102	Recovery of Swallowing after Dysphagic Stroke: An Analysis of Prognostic Factors. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 56-62.	0.7	66
103	Quantitative analysis of the columnar arrangement of neurons in the human cingulate cortex. Journal of Comparative Neurology, 1995, 351, 441-452.	0.9	62
104	White matter integrity in right hemisphere predicts pitch-related grammar learning. NeuroImage, 2011, 55, 500-507.	2.1	62
105	Comparative aspects of the primate posterior cingulate cortex. Journal of Comparative Neurology, 1986, 253, 539-548.	0.9	61
106	Non-Invasive Brain Stimulation Applied to Heschl's Gyrus Modulates Pitch Discrimination. Frontiers in Psychology, 2010, 1, 193.	1.1	61
107	Resting-State Functional Connectivity Magnetic Resonance Imaging and Outcome After Acute Stroke. Stroke, 2018, 49, 2353-2360.	1.0	61
108	Cerebral network underlying unilateral motor neglect: evidence from positron emission tomography. Journal of the Neurological Sciences, 1994, 125, 29-38.	0.3	60

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109	Neurological impairment and recovery in Wilson's disease: evidence from PET and MRI. Journal of the Neurological Sciences, 1996, 136, 129-139.	0.3	57
110	Markedly Reduced Apparent Blood Volume on Bolus Contrast Magnetic Resonance Imaging as a Predictor of Hemorrhage After Thrombolytic Therapy for Acute Ischemic Stroke. Stroke, 2005, 36, 746-750.	1.0	57
111	Atypical hemispheric asymmetry in the arcuate fasciculus of completely nonverbal children with autism. Annals of the New York Academy of Sciences, 2012, 1252, 332-337.	1.8	56
112	Neurologic music therapy: The beneficial effects of music making on neurorehabilitation. Acoustical Science and Technology, 2013, 34, 5-12.	0.3	56
113	Pathways to seeing music: Enhanced structural connectivity in colored-music synesthesia. NeuroImage, 2013, 74, 359-366.	2.1	55
114	Structural white matter changes in descending motor tracts correlate with improvements in motor impairment after undergoing a treatment course of tDCS and physical therapy. Frontiers in Human Neuroscience, 2015, 9, 229.	1.0	55
115	Emotion in Motion: Investigating the Time-Course of Emotional Judgments of Musical Stimuli. Music Perception, 2009, 26, 355-364.	0.5	54
116	Differential Adaptation of Descending Motor Tracts in Musicians. Cerebral Cortex, 2015, 25, 1490-1498.	1.6	54
117	Nonlinear sensory cortex response to simultaneous tactile stimuli in writer's cramp. Movement Disorders, 2002, 17, 105-111.	2.2	52
118	Relating Pitch Awareness to Phonemic Awareness in Children: Implications for Tone-Deafness and Dyslexia. Frontiers in Psychology, 2011, 2, 111.	1.1	52
119	Seizure at Stroke Onset: Should It Be an Absolute Contraindication to Thrombolysis?. Cerebrovascular Diseases, 2002, 14, 54-57.	0.8	49
120	Combining Transcranial Direct Current Stimulation and Tailor-Made Notched Music Training to Decrease Tinnitus-Related Distress â€“ A Pilot Study. PLoS ONE, 2014, 9, e89904.	1.1	49
121	Does stroke location predict walk speed response to gait rehabilitation?. Human Brain Mapping, 2016, 37, 689-703.	1.9	49
122	Individual somatotopy of primary sensorimotor cortex revealed by intermodal matching of MEG, PET, and MRI. Brain Topography, 1992, 5, 183-187.	0.8	47
123	Renal Function Predicts Survival in Patients with Acute Ischemic Stroke. Cerebrovascular Diseases, 2009, 28, 88-94.	0.8	46
124	Alcohol and Acute Ischemic Stroke Onset. Stroke, 2010, 41, 1845-1849.	1.0	44
125	Predictors of Percutaneous Endoscopic Gastrostomy Tube Placement in Patients With Severe Dysphagia From an Acute-Subacute Hemispheric Infarction. Journal of Stroke and Cerebrovascular Diseases, 2012, 21, 114-120.	0.7	43
126	Training-mediated leftward asymmetries during music processing: A cross-sectional and longitudinal fMRI analysis. NeuroImage, 2013, 75, 97-107.	2.1	43

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127	Dynamic changes of focal hypometabolism in relation to epileptic activity. Journal of the Neurological Sciences, 1994, 124, 188-197.	0.3	42
128	Auditory-Motor Mapping Training: Comparing the Effects of a Novel Speech Treatment to a Control Treatment for Minimally Verbal Children with Autism. PLoS ONE, 2016, 11, e0164930.	1.1	42
129	Differentiating maturational and training influences on fMRI activation during music processing. NeuroImage, 2012, 60, 1902-1912.	2.1	40
130	Musicians Differ from Nonmusicians in Brain Activation despite Performance Matching. Annals of the New York Academy of Sciences, 2003, 999, 385-388.	1.8	39
131	Remote depressions of cerebral metabolism in hemiparetic stroke: Topography and relation to motor and somatosensory functions. Human Brain Mapping, 1994, 1, 81-100.	1.9	37
132	Comparison of the BOLD- and EPISTAR-technique for functional brain imaging by using signal detection theory. Magnetic Resonance in Medicine, 1996, 36, 249-255.	1.9	37
133	Imaging melody and rhythm processing in young children. NeuroReport, 2004, 15, 1723-1726.	0.6	37
134	Communication with emblematic gestures: Shared and distinct neural correlates of expression and reception. Human Brain Mapping, 2012, 33, 812-823.	1.9	37
135	Neural pathways for language in autism: the potential for music-based treatments. Future Neurology, 2010, 5, 797-805.	0.9	36
136	Individual Integration of Positron Emission Tomography and High-Resolution Magnetic Resonance Imaging. Journal of Cerebral Blood Flow and Metabolism, 1992, 12, 919-926.	2.4	35
137	The Power of Listening: Auditory-Motor Interactions in Musical Training. Annals of the New York Academy of Sciences, 2005, 1060, 189-194.	1.8	35
138	The Effects of Gender on the Neural Substrates of Pitch Memory. Journal of Cognitive Neuroscience, 2003, 15, 810-820.	1.1	34
139	Physical Activity and Onset of Acute Ischemic Stroke: The Stroke Onset Study. American Journal of Epidemiology, 2011, 173, 330-336.	1.6	33
140	White Matter Integrity and Treatment-Based Change in Speech Performance in Minimally Verbal Children with Autism Spectrum Disorder. Frontiers in Human Neuroscience, 2017, 11, 175.	1.0	30
141	MRI of the Brain in Wilson Disease. Journal of Computer Assisted Tomography, 1995, 19, 635-638.	0.5	28
142	Functional burst imaging. Magnetic Resonance in Medicine, 1998, 40, 614-621.	1.9	27
143	Effects of tDCS dose and electrode montage on regional cerebral blood flow and motor behavior. NeuroImage, 2021, 237, 118144.	2.1	27
144	Transcranial Direct Current Stimulation for Poststroke Motor Recovery: Challenges and Opportunities. PM and R, 2018, 10, S157-S164.	0.9	25

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145	Behavioral predictors of improved speech output in minimally verbal children with autism. Autism Research, 2018, 11, 1356-1365.	2.1	23
146	Part VI Introduction. Annals of the New York Academy of Sciences, 2009, 1169, 372-373.	1.8	22
147	Layer V pyramidal cells in the adult human cingulate cortex. Anatomy and Embryology, 1993, 187, 515-522.	1.5	21
148	The use of augmented auditory feedback to improve arm reaching in stroke: a case series. Disability and Rehabilitation, 2016, 38, 1115-1124.	0.9	21
149	Neural correlates of absolute pitch differ between blind and sighted musicians. NeuroReport, 2006, 17, 1853-1857.	0.6	20
150	Novelty seeking modulates medial prefrontal activity during the anticipation of emotional stimuli. Psychiatry Research - Neuroimaging, 2008, 164, 81-85.	0.9	19
151	Investigating Musical Disorders with Diffusion Tensor Imaging. Annals of the New York Academy of Sciences, 2009, 1169, 121-125.	1.8	18
152	Factor analysis of signs of childhood apraxia of speech. Journal of Communication Disorders, 2020, 87, 106033.	0.8	18
153	Can ABCD2 score predict the need for in-hospital intervention in patients with transient ischemic attacks?. International Journal of Emergency Medicine, 2010, 3, 75-80.	0.6	17
154	Impaired learning of event frequencies in tone deafness. Annals of the New York Academy of Sciences, 2012, 1252, 354-360.	1.8	17
155	A Comparative Study of Fractional Anisotropy Measures and ICH Score in Predicting Functional Outcomes After Intracerebral Hemorrhage. Neurocritical Care, 2014, 21, 417-425.	1.2	17
156	Safety of Latest-Generation Self-expanding Stents in Patients With NASCET-Ineligible Severe Symptomatic Extracranial Internal Carotid Artery Stenosis. Archives of Neurology, 2004, 61, 39.	4.9	16
157	Effects of voice on emotional arousal. Frontiers in Psychology, 2013, 4, 675.	1.1	16
158	The Healing Power of Music. Scientific American Mind, 2015, 26, 32-41.	0.0	16
159	Cerebellar Hypometabolism in Focal Epilepsy Is Related to Age of Onset and Drug Intoxication. Epilepsia, 1996, 37, 1194-1199.	2.6	15
160	Reducing the Delay in Thrombolysis: Is It Necessary to Await the Results of Renal Function Tests before Computed Tomography Perfusion and Angiography in Patients with Code Stroke?. Journal of Stroke and Cerebrovascular Diseases, 2008, 17, 273-275.	0.7	14
161	Structural Correlates of Functional Language Dominance: A Voxelâ€Based Morphometry Study. Journal of Neuroimaging, 2010, 20, 148-156.	1.0	14
162	Auditory-Motor Mapping Training in a More Verbal Child with Autism. Frontiers in Human Neuroscience, 2017, 11, 426.	1.0	14

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163	Even when right is all that's left: There are still more options for recovery from aphasia. Annals of Neurology, 2018, 83, 661-663.	2.8	14
164	Predicting Motor Outcome in Acute Intracerebral Hemorrhage. American Journal of Neuroradiology, 2019, 40, 769-775.	1.2	14
165	Characteristic Neuroimaging Abnormalities of Korsakoff Syndrome. JAMA Neurology, 2016, 73, 1248.	4.5	13
166	National Institutes of Health StrokeNet During the Time of COVID-19 and Beyond. Stroke, 2020, 51, 2580-2586.	1.0	13
167	Perception of musical pitch in developmental prosopagnosia. Neuropsychologia, 2019, 124, 87-97.	0.7	12
168	Apraxia of speech involves lesions of dorsal arcuate fasciculus and insula in patients with aphasia. Neurology: Clinical Practice, 2020, 10, 162-169.	0.8	11
169	QTc-Prolongation in Posterior Circulation Stroke. Neurocritical Care, 2013, 19, 167-175.	1.2	10
170	A Modeling-Guided Case Study of Disordered Speech in Minimally Verbal Children With Autism Spectrum Disorder. American Journal of Speech-Language Pathology, 2021, 30, 1542-1557.	0.9	10
171	STAR MR Angiography for Rapid Detection of Vascular Abnormalities in Patients With Acute Cerebrovascular Disease. Stroke, 1997, 28, 1211-1215.	1.0	8
172	Pyramidal tract and alternate motor fibers complementarily mediate motor compensation in patients after hemispherotomy. Scientific Reports, 2020, 10, 1010.	1.6	7
173	Audiovisual Interval Size Estimation Is Associated with Early Musical Training. PLoS ONE, 2016, 11, e0163589.	1.1	7
174	Brain mapping in musicians with focal task-specific dystonia. Advances in Neurology, 2004, 94, 231-8.	0.8	7
175	Study Design for the Fostering Eating after Stroke with Transcranial Direct Current Stimulation Trial: A Randomized Controlled Intervention for Improving Dysphagia after Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 511-520.	0.7	6
176	Developmental Perceptual Impairments: Cases When Tone-Deafness and Prosopagnosia Co-occur. Frontiers in Human Neuroscience, 2018, 12, 438.	1.0	6
177	Fostering eating after stroke (FEASt) trial for improving post-stroke dysphagia with non-invasive brain stimulation. Scientific Reports, 2022, 12, .	1.6	6
178	Modulating transcallosal and intra-hemispheric brain connectivity with tDCS: Implications for interventions in Aphasia. Restorative Neurology and Neuroscience, 2016, 34, 519-530.	0.4	5
179	Neuroanatomical correlates of speech and singing production in chronic post-stroke aphasia. Brain Communications, 2022, 4, fcac001.	1.5	5
180	From intuition to intervention: developing an intonationâ€based treatment for autism. Annals of the New York Academy of Sciences, 2018, 1423, 229-241.	1.8	4

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181	Enhancing swallowing recovery after a stroke by harnessing its bihemispheric organization. Annals of Neurology, 2018, 83, 658-660.	2.8	4
182	Repair after brainstem ischemia involves neurogenesis and the rubrospinal system. Annals of Neurology, 2018, 83, 1069-1071.	2.8	4
183	Auditory aversion in absolute pitch possessors. Cortex, 2021, 135, 285-297.	1.1	4
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