

Gottfried Schlaug

List of Publications by Citations

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191
papers

18,360
citations

78
h-index

133
g-index

198
ext. papers

20,504
ext. citations

4.6
avg, IF

6.79
L-index

#	Paper	IF	Citations
191	Brain structures differ between musicians and non-musicians. <i>Journal of Neuroscience</i> , 2003 , 23, 9240-5	6.6	1117
190	Magnetic resonance imaging profiles predict clinical response to early reperfusion: the diffusion and perfusion imaging evaluation for understanding stroke evolution (DEFUSE) study. <i>Annals of Neurology</i> , 2006 , 60, 508-17	9.4	1004
189	Musical training shapes structural brain development. <i>Journal of Neuroscience</i> , 2009 , 29, 3019-25	6.6	540
188	Increased corpus callosum size in musicians. <i>Neuropsychologia</i> , 1995 , 33, 1047-55	3.2	512
187	Action representation of sound: audiomotor recognition network while listening to newly acquired actions. <i>Journal of Neuroscience</i> , 2007 , 27, 308-14	6.6	447
186	Shared networks for auditory and motor processing in professional pianists: evidence from fMRI conjunction. <i>NeuroImage</i> , 2006 , 30, 917-26	7.9	402
185	Asymmetry in the human motor cortex and handedness. <i>NeuroImage</i> , 1996 , 4, 216-22	7.9	396
184	Adults and children processing music: an fMRI study. <i>NeuroImage</i> , 2005 , 25, 1068-76	7.9	285
183	Music making as a tool for promoting brain plasticity across the life span. <i>Neuroscientist</i> , 2010 , 16, 566-77	6.6	281
182	Evidence for plasticity in white-matter tracts of patients with chronic Broca's aphasia undergoing intense intonation-based speech therapy. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1169, 385-94	6.5	271
181	Motor cortex and hand motor skills: structural compliance in the human brain. <i>Human Brain Mapping</i> , 1997 , 5, 206-15	5.9	268
180	Effects of transcranial direct current stimulation (tDCS) on human regional cerebral blood flow. <i>NeuroImage</i> , 2011 , 58, 26-33	7.9	255
179	Transcranial direct current stimulation in stroke recovery. <i>Archives of Neurology</i> , 2008 , 65, 1571-6		243
178	Functional anatomy of pitch memory--an fMRI study with sparse temporal sampling. <i>NeuroImage</i> , 2003 , 19, 1417-26	7.9	243
177	Prefrontal cortex fMRI signal changes are correlated with working memory load. <i>NeuroReport</i> , 1997 , 8, 545-9	1.7	234
176	Dual-hemisphere tDCS facilitates greater improvements for healthy subjects non-dominant hand compared to uni-hemisphere stimulation. <i>BMC Neuroscience</i> , 2008 , 9, 103	3.2	231
175	Clinical and vascular outcome in internal carotid artery versus middle cerebral artery occlusions after intravenous tissue plasminogen activator. <i>Stroke</i> , 2002 , 33, 2066-71	6.7	227

174	Lesion load of the corticospinal tract predicts motor impairment in chronic stroke. <i>Stroke</i> , 2010 , 41, 910-5.7	220
173	Tone deafness: a new disconnection syndrome?. <i>Journal of Neuroscience</i> , 2009 , 29, 10215-20	6.6 220
172	Effects of music training on the child's brain and cognitive development. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1060, 219-30	6.5 218
171	Shared and distinct neural correlates of singing and speaking. <i>NeuroImage</i> , 2006 , 33, 628-35	7.9 212
170	Absolute pitch and planum temporale. <i>NeuroImage</i> , 2001 , 14, 1402-8	7.9 209
169	Reciprocal modulation and attenuation in the prefrontal cortex: an fMRI study on emotional-cognitive interaction. <i>Human Brain Mapping</i> , 2004 , 21, 202-12	5.9 200
168	Corticospinal tract lesion load: An imaging biomarker for stroke motor outcomes. <i>Annals of Neurology</i> , 2015 , 78, 860-70	9.4 194
167	Quantitative analysis of sulci in the human cerebral cortex: development, regional heterogeneity, gender difference, asymmetry, intersubject variability and cortical architecture. <i>Human Brain Mapping</i> , 1997 , 5, 218-21	5.9 189
166	Predicting functional motor potential in chronic stroke patients using diffusion tensor imaging. <i>Human Brain Mapping</i> , 2012 , 33, 1040-51	5.9 182
165	Effects of practice and experience on the arcuate fasciculus: comparing singers, instrumentalists, and non-musicians. <i>Frontiers in Psychology</i> , 2011 , 2, 156	3.4 182
164	Ipsilateral motor cortex activation on functional magnetic resonance imaging during unilateral hand movements is related to interhemispheric interactions. <i>NeuroImage</i> , 2003 , 20, 2259-70	7.9 182
163	Inter-subject variability of cerebral activations in acquiring a motor skill: a study with positron emission tomography. <i>Experimental Brain Research</i> , 1994 , 98, 523-34	2.3 180
162	The stroke patient who woke up: clinical and radiological features, including diffusion and perfusion MRI. <i>Stroke</i> , 2002 , 33, 988-93	6.7 179
161	Rapid and reversible recruitment of early visual cortex for touch. <i>PLoS ONE</i> , 2008 , 3, e3046	3.7 174
160	Predictors of hemorrhagic transformation after intravenous recombinant tissue plasminogen activator: prognostic value of the initial apparent diffusion coefficient and diffusion-weighted lesion volume. <i>Stroke</i> , 2002 , 33, 2047-52	6.7 170
159	Impairment of speech production predicted by lesion load of the left arcuate fasciculus. <i>Stroke</i> , 2011 , 42, 2251-6	6.7 164
158	Anodal transcranial direct current stimulation of the prefrontal cortex enhances complex verbal associative thought. <i>Journal of Cognitive Neuroscience</i> , 2009 , 21, 1980-7	3.1 163
157	Specialization of the specialized in features of external human brain morphology. <i>European Journal of Neuroscience</i> , 2006 , 24, 1832-4	3.5 163

156	Practicing a musical instrument in childhood is associated with enhanced verbal ability and nonverbal reasoning. <i>PLoS ONE</i> , 2008 , 3, e3566	3.7	161
155	Gray matter differences between musicians and nonmusicians. <i>Annals of the New York Academy of Sciences</i> , 2003 , 999, 514-7	6.5	156
154	From Singing to Speaking: Why Singing May Lead to Recovery of Expressive Language Function in Patients with Broca's Aphasia. <i>Music Perception</i> , 2008 , 25, 315-323	1.6	146
153	Structural asymmetries in the human forebrain and the forebrain of non-human primates and rats. <i>Neuroscience and Biobehavioral Reviews</i> , 1996 , 20, 593-605	9	145
152	From singing to speaking: facilitating recovery from nonfluent aphasia. <i>Future Neurology</i> , 2010 , 5, 657-665		144
151	Contralateral and ipsilateral motor effects after transcranial direct current stimulation. <i>NeuroReport</i> , 2006 , 17, 671-4	1.7	142
150	Diagnosis of cerebral venous thrombosis with echo-planar T2*-weighted magnetic resonance imaging. <i>Archives of Neurology</i> , 2002 , 59, 1021-6		141
149	Cerebral activation covaries with movement rate. <i>NeuroReport</i> , 1996 , 7, 879-83	1.7	141
148	Action-perception mismatch in tone-deafness. <i>Current Biology</i> , 2008 , 18, R331-2	6.3	140
147	Are there pre-existing neural, cognitive, or motoric markers for musical ability?. <i>Brain and Cognition</i> , 2005 , 59, 124-34	2.7	136
146	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?. <i>Stroke</i> , 2002 , 33, 954-8	6.7	136
145	Noninvasive brain stimulation may improve stroke-related dysphagia: a pilot study. <i>Stroke</i> , 2011 , 42, 1035-40	6.7	118
144	The effects of musical training on structural brain development: a longitudinal study. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1169, 182-6	6.5	117
143	Amygdala activity can be modulated by unexpected chord functions during music listening. <i>NeuroReport</i> , 2008 , 19, 1815-9	1.7	116
142	Hand skill asymmetry in professional musicians. <i>Brain and Cognition</i> , 1997 , 34, 424-32	2.7	115
141	Relationships between infarct growth, clinical outcome, and early recanalization in diffusion and perfusion imaging for understanding stroke evolution (DEFUSE). <i>Stroke</i> , 2008 , 39, 2257-63	6.7	115
140	Safety and tolerability of deferoxamine mesylate in patients with acute intracerebral hemorrhage. <i>Stroke</i> , 2011 , 42, 3067-74	6.7	110
139	Musicians and music making as a model for the study of brain plasticity. <i>Progress in Brain Research</i> , 2015 , 217, 37-55	2.9	109

138	Dissociable networks for the expectancy and perception of emotional stimuli in the human brain. <i>NeuroImage</i> , 2006 , 30, 588-600	7.9	108
137	Corpus callosum and brain volume in women and men. <i>NeuroReport</i> , 1995 , 6, 1002-4	1.7	108
136	Melodic intonation therapy: shared insights on how it is done and why it might help. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1169, 431-6	6.5	107
135	Imaging correlates of motor recovery from cerebral infarction and their physiological significance in well-recovered patients. <i>NeuroImage</i> , 2007 , 34, 253-63	7.9	100
134	Testing for causality with transcranial direct current stimulation: pitch memory and the left supramarginal gyrus. <i>NeuroReport</i> , 2006 , 17, 1047-50	1.7	99
133	Corpus callosum: musician and gender effects. <i>NeuroReport</i> , 2003 , 14, 205-9	1.7	99
132	Enhanced cortical connectivity in absolute pitch musicians: a model for local hyperconnectivity. <i>Journal of Cognitive Neuroscience</i> , 2011 , 23, 1015-26	3.1	97
131	Intensive therapy induces contralateral white matter changes in chronic stroke patients with Broca's aphasia. <i>Brain and Language</i> , 2014 , 136, 1-7	2.9	95
130	Optimizing recovery potential through simultaneous occupational therapy and non-invasive brain-stimulation using tDCS. <i>Restorative Neurology and Neuroscience</i> , 2011 , 29, 411-20	2.8	94
129	The Therapeutic Effects of Singing in Neurological Disorders. <i>Music Perception</i> , 2010 , 27, 287-295	1.6	93
128	Association between serum ferritin level and perihematoma edema volume in patients with spontaneous intracerebral hemorrhage. <i>Stroke</i> , 2008 , 39, 1165-70	6.7	93
127	A Validated Smartphone-Based Assessment of Gait and Gait Variability in Parkinson's Disease. <i>PLoS ONE</i> , 2015 , 10, e0141694	3.7	92
126	The use of non-invasive brain stimulation techniques to facilitate recovery from post-stroke aphasia. <i>Neuropsychology Review</i> , 2011 , 21, 288-301	7.7	92
125	Training-induced neuroplasticity in young children. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1169, 205-8	6.5	90
124	Non-invasive brain stimulation enhances the effects of melodic intonation therapy. <i>Frontiers in Psychology</i> , 2011 , 2, 230	3.4	88
123	THE RELATION BETWEEN MUSIC AND PHONOLOGICAL PROCESSING IN NORMAL-READING CHILDREN AND CHILDREN WITH DYSLEXIA. <i>Music Perception</i> , 2008 , 25, 383-390	1.6	88
122	Transcranial direct current stimulation: a noninvasive tool to facilitate stroke recovery. <i>Expert Review of Medical Devices</i> , 2008 , 5, 759-68	3.5	87
121	Improvement-related functional plasticity following pitch memory training. <i>NeuroImage</i> , 2006 , 31, 255-63.9	6.9	87

120	Arterial occlusive lesions recanalize more frequently in women than in men after intravenous tissue plasminogen activator administration for acute stroke. <i>Stroke</i> , 2005 , 36, 1447-51	6.7	85
119	Diffusion-weighted imaging and National Institutes of Health Stroke Scale in the acute phase of posterior-circulation stroke. <i>Archives of Neurology</i> , 2001 , 58, 621-8		85
118	The influence of sleep on auditory learning: a behavioral study. <i>NeuroReport</i> , 2004 , 15, 731-4	1.7	82
117	Clinical correlations of diffusion and perfusion lesion volumes in acute ischemic stroke. <i>Cerebrovascular Diseases</i> , 2000 , 10, 441-8	3.2	82
116	Compensatory role of the cortico-rubro-spinal tract in motor recovery after stroke. <i>Neurology</i> , 2012 , 79, 515-22	6.5	81
115	Diffusion tensor imaging as a prognostic biomarker for motor recovery and rehabilitation after stroke. <i>Neuroradiology</i> , 2017 , 59, 343-351	3.2	80
114	How do we modulate our emotions? Parametric fMRI reveals cortical midline structures as regions specifically involved in the processing of emotional valences. <i>Cognitive Brain Research</i> , 2005 , 25, 348-58		78
113	Congenital amusia: an auditory-motor feedback disorder?. <i>Restorative Neurology and Neuroscience</i> , 2007 , 25, 323-34	2.8	78
112	Modulating activity in the motor cortex affects performance for the two hands differently depending upon which hemisphere is stimulated. <i>European Journal of Neuroscience</i> , 2008 , 28, 1667-73	3.5	77
111	Quantitative cytoarchitectonics of the posterior cingulate cortex in primates. <i>Journal of Comparative Neurology</i> , 1986 , 253, 514-24	3.4	75
110	Hand function improvement with low-frequency repetitive transcranial magnetic stimulation of the unaffected hemisphere in a severe case of stroke. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2006 , 85, 927-30	2.6	74
109	Absolute pitch in blind musicians. <i>NeuroReport</i> , 2004 , 15, 803-6	1.7	73
108	Auditory-motor mapping training as an intervention to facilitate speech output in non-verbal children with autism: a proof of concept study. <i>PLoS ONE</i> , 2011 , 6, e25505	3.7	72
107	The effect of musicianship on pitch memory in performance matched groups. <i>NeuroReport</i> , 2003 , 14, 2291-5	1.7	71
106	Attentional modulation of emotional stimulus processing: an fMRI study using emotional expectancy. <i>Human Brain Mapping</i> , 2006 , 27, 662-77	5.9	70
105	Brain connectivity reflects human aesthetic responses to music. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 884-91	4	66
104	Resting state interhemispheric motor connectivity and white matter integrity correlate with motor impairment in chronic stroke. <i>Frontiers in Neurology</i> , 2013 , 4, 178	4.1	65
103	Diffusion- and perfusion-weighted MRI patterns in borderzone infarcts. <i>Stroke</i> , 2000 , 31, 1090-6	6.7	65

102	Evaluation of the clinical-diffusion and perfusion-diffusion mismatch models in DEFUSE. <i>Stroke</i> , 2007 , 38, 1826-30	6.7	62
101	Comparative aspects of the primate posterior cingulate cortex. <i>Journal of Comparative Neurology</i> , 1986 , 253, 539-48	3.4	58
100	Combined central and peripheral stimulation to facilitate motor recovery after stroke: the effect of number of sessions on outcome. <i>Neurorehabilitation and Neural Repair</i> , 2012 , 26, 479-83	4.7	57
99	Quantitative analysis of the columnar arrangement of neurons in the human cingulate cortex. <i>Journal of Comparative Neurology</i> , 1995 , 351, 441-52	3.4	57
98	The Harvard Beat Assessment Test (H-BAT): a battery for assessing beat perception and production and their dissociation. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 771	3.3	56
97	Apollo® gift: new aspects of neurologic music therapy. <i>Progress in Brain Research</i> , 2015 , 217, 237-52	2.9	55
96	From music making to speaking: engaging the mirror neuron system in autism. <i>Brain Research Bulletin</i> , 2010 , 82, 161-8	3.9	55
95	Predicting speech fluency and naming abilities in aphasic patients. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 831	3.3	54
94	When right is all that is left: plasticity of right-hemisphere tracts in a young aphasic patient. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1252, 237-45	6.5	53
93	White matter integrity in right hemisphere predicts pitch-related grammar learning. <i>NeuroImage</i> , 2011 , 55, 500-7	7.9	52
92	Non-invasive brain stimulation applied to Heschl's gyrus modulates pitch discrimination. <i>Frontiers in Psychology</i> , 2010 , 1, 193	3.4	52
91	Cerebral network underlying unilateral motor neglect: evidence from positron emission tomography. <i>Journal of the Neurological Sciences</i> , 1994 , 125, 29-38	3.2	52
90	Evidence for peri-ictal blood-brain barrier dysfunction in patients with epilepsy. <i>Brain</i> , 2018 , 141, 2952-2965	2.6	51
89	Markedly reduced apparent blood volume on bolus contrast magnetic resonance imaging as a predictor of hemorrhage after thrombolytic therapy for acute ischemic stroke. <i>Stroke</i> , 2005 , 36, 746-50	6.7	50
88	Detection and Predictive Value of Fractional Anisotropy Changes of the Corticospinal Tract in the Acute Phase of a Stroke. <i>Stroke</i> , 2016 , 47, 1520-6	6.7	48
87	Enhanced functional networks in absolute pitch. <i>NeuroImage</i> , 2012 , 63, 632-40	7.9	48
86	Differential adaptation of descending motor tracts in musicians. <i>Cerebral Cortex</i> , 2015 , 25, 1490-8	5.1	46
85	Guidelines for TMS/tES clinical services and research through the COVID-19 pandemic. <i>Brain Stimulation</i> , 2020 , 13, 1124-1149	5.1	45

84	Atypical hemispheric asymmetry in the arcuate fasciculus of completely nonverbal children with autism. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1252, 332-7	6.5	45
83	Relating pitch awareness to phonemic awareness in children: implications for tone-deafness and dyslexia. <i>Frontiers in Psychology</i> , 2011 , 2, 111	3.4	45
82	Individual somatotopy of primary sensorimotor cortex revealed by intermodal matching of MEG, PET, and MRI. <i>Brain Topography</i> , 1992 , 5, 183-7	4.3	45
81	Seizure at stroke onset: should it be an absolute contraindication to thrombolysis?. <i>Cerebrovascular Diseases</i> , 2002 , 14, 54-7	3.2	44
80	Recovery of swallowing after dysphagic stroke: an analysis of prognostic factors. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014 , 23, 56-62	2.8	43
79	Pathways to seeing music: enhanced structural connectivity in colored-music synesthesia. <i>NeuroImage</i> , 2013 , 74, 359-66	7.9	43
78	Structural white matter changes in descending motor tracts correlate with improvements in motor impairment after undergoing a treatment course of tDCS and physical therapy. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 229	3.3	42
77	Keeping brains young with making music. <i>Brain Structure and Function</i> , 2018 , 223, 297-305	4	42
76	Does stroke location predict walk speed response to gait rehabilitation?. <i>Human Brain Mapping</i> , 2016 , 37, 689-703	5.9	41
75	Renal function predicts survival in patients with acute ischemic stroke. <i>Cerebrovascular Diseases</i> , 2009 , 28, 88-94	3.2	41
74	Emotion in Motion: Investigating the Time-Course of Emotional Judgments of Musical Stimuli. <i>Music Perception</i> , 2009 , 26, 355-364	1.6	41
73	Alcohol and acute ischemic stroke onset: the stroke onset study. <i>Stroke</i> , 2010 , 41, 1845-9	6.7	41
72	Dynamic changes of focal hypometabolism in relation to epileptic activity. <i>Journal of the Neurological Sciences</i> , 1994 , 124, 188-97	3.2	40
71	Nonlinear sensory cortex response to simultaneous tactile stimuli in writer's cramp. <i>Movement Disorders</i> , 2002 , 17, 105-11	7	39
70	Neurological impairment and recovery in Wilson's disease: evidence from PET and MRI. <i>Journal of the Neurological Sciences</i> , 1996 , 136, 129-39	3.2	38
69	Combining transcranial direct current stimulation and tailor-made notched music training to decrease tinnitus-related distress--a pilot study. <i>PLoS ONE</i> , 2014 , 9, e89904	3.7	37
68	Differentiating maturational and training influences on fMRI activation during music processing. <i>NeuroImage</i> , 2012 , 60, 1902-12	7.9	35
67	Musicians differ from nonmusicians in brain activation despite performance matching. <i>Annals of the New York Academy of Sciences</i> , 2003 , 999, 385-8	6.5	35

66	Resting-State Functional Connectivity Magnetic Resonance Imaging and Outcome After Acute Stroke. <i>Stroke</i> , 2018 , 49, 2353-2360	6.7	35
65	Training-mediated leftward asymmetries during music processing: a cross-sectional and longitudinal fMRI analysis. <i>NeuroImage</i> , 2013 , 75, 97-107	7.9	33
64	Comparison of the BOLD- and EPSTAR-technique for functional brain imaging by using signal detection theory. <i>Magnetic Resonance in Medicine</i> , 1996 , 36, 249-55	4.4	33
63	Predictors of percutaneous endoscopic gastrostomy tube placement in patients with severe dysphagia from an acute-subacute hemispheric infarction. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2012 , 21, 114-20	2.8	32
62	Communication with emblematic gestures: shared and distinct neural correlates of expression and reception. <i>Human Brain Mapping</i> , 2012 , 33, 812-23	5.9	32
61	Individual integration of positron emission tomography and high-resolution magnetic resonance imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992 , 12, 919-26	7.3	32
60	Neurologic music therapy: The beneficial effects of music making on neurorehabilitation. <i>Acoustical Science and Technology</i> , 2013 , 34, 5-12	0.5	31
59	Imaging melody and rhythm processing in young children. <i>NeuroReport</i> , 2004 , 15, 1723-6	1.7	31
58	The effects of gender on the neural substrates of pitch memory. <i>Journal of Cognitive Neuroscience</i> , 2003 , 15, 810-20	3.1	30
57	The power of listening: auditory-motor interactions in musical training. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1060, 189-94	6.5	30
56	Physical activity and onset of acute ischemic stroke: the stroke onset study. <i>American Journal of Epidemiology</i> , 2011 , 173, 330-6	3.8	27
55	Auditory-Motor Mapping Training: Comparing the Effects of a Novel Speech Treatment to a Control Treatment for Minimally Verbal Children with Autism. <i>PLoS ONE</i> , 2016 , 11, e0164930	3.7	27
54	Neural pathways for language in autism: the potential for music-based treatments. <i>Future Neurology</i> , 2010 , 5, 797-805	1.5	26
53	Functional burst imaging. <i>Magnetic Resonance in Medicine</i> , 1998 , 40, 614-21	4.4	25
52	Remote depressions of cerebral metabolism in hemiparetic stroke: Topography and relation to motor and somatosensory functions. <i>Human Brain Mapping</i> , 1994 , 1, 81-100	5.9	25
51	MRI of the brain in Wilson disease: T2 signal loss under therapy. <i>Journal of Computer Assisted Tomography</i> , 1995 , 19, 635-8	2.2	23
50	Layer V pyramidal cells in the adult human cingulate cortex. A quantitative Golgi-study. <i>Anatomy and Embryology</i> , 1993 , 187, 515-22		20
49	White Matter Integrity and Treatment-Based Change in Speech Performance in Minimally Verbal Children with Autism Spectrum Disorder. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 175	3.3	19

48	Part VI introduction: listening to and making music facilitates brain recovery processes. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1169, 372-3	6.5	18
47	Neural correlates of absolute pitch differ between blind and sighted musicians. <i>NeuroReport</i> , 2006 , 17, 1853-7	1.7	18
46	Novelty seeking modulates medial prefrontal activity during the anticipation of emotional stimuli. <i>Psychiatry Research - Neuroimaging</i> , 2008 , 164, 81-5	2.9	17
45	Safety of latest-generation self-expanding stents in patients with NASCET-ineligible severe symptomatic extracranial internal carotid artery stenosis. <i>Archives of Neurology</i> , 2004 , 61, 39-43		16
44	Investigating musical disorders with diffusion tensor imaging: a comparison of imaging parameters. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1169, 121-5	6.5	14
43	The Healing Power of Music. <i>Scientific American Mind</i> , 2015 , 26, 32-41		13
42	Impaired learning of event frequencies in tone deafness. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1252, 354-60	6.5	13
41	Structural correlates of functional language dominance: a voxel-based morphometry study. <i>Journal of Neuroimaging</i> , 2010 , 20, 148-156	2.8	13
40	The use of augmented auditory feedback to improve arm reaching in stroke: a case series. <i>Disability and Rehabilitation</i> , 2016 , 38, 1115-1124	2.4	12
39	A comparative study of fractional anisotropy measures and ICH score in predicting functional outcomes after intracerebral hemorrhage. <i>Neurocritical Care</i> , 2014 , 21, 417-25	3.3	12
38	Can ABCD score predict the need for in-hospital intervention in patients with transient ischemic attacks?. <i>International Journal of Emergency Medicine</i> , 2010 , 3, 75-80	3.9	12
37	Behavioral predictors of improved speech output in minimally verbal children with autism. <i>Autism Research</i> , 2018 , 11, 1356-1365	5.1	12
36	Auditory-Motor Mapping Training in a More Verbal Child with Autism. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 426	3.3	11
35	Effects of voice on emotional arousal. <i>Frontiers in Psychology</i> , 2013 , 4, 675	3.4	11
34	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?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2008 , 17, 273-5	2.8	11
33	Cerebellar hypometabolism in focal epilepsy is related to age of onset and drug intoxication. <i>Epilepsia</i> , 1996 , 37, 1194-9	6.4	11
32	QTc-prolongation in posterior circulation stroke. <i>Neurocritical Care</i> , 2013 , 19, 167-75	3.3	10
31	Transcranial Direct Current Stimulation for Poststroke Motor Recovery: Challenges and Opportunities. <i>PM and R</i> , 2018 , 10, S157-S164	2.2	9

30	Predicting Motor Outcome in Acute Intracerebral Hemorrhage. <i>American Journal of Neuroradiology</i> , 2019 , 40, 769-775	4.4	8
29	Factor analysis of signs of childhood apraxia of speech. <i>Journal of Communication Disorders</i> , 2020 , 87, 106033	1.9	8
28	Perception of musical pitch in developmental prosopagnosia. <i>Neuropsychologia</i> , 2019 , 124, 87-97	3.2	8
27	Even when right is all that's left: There are still more options for recovery from aphasia. <i>Annals of Neurology</i> , 2018 , 83, 661-663	9.4	7
26	STAR MR angiography for rapid detection of vascular abnormalities in patients with acute cerebrovascular disease. <i>Stroke</i> , 1997 , 28, 1211-5	6.7	7
25	Audiovisual Interval Size Estimation Is Associated with Early Musical Training. <i>PLoS ONE</i> , 2016 , 11, e0163589	3.7	7
24	National Institutes of Health StrokeNet During the Time of COVID-19 and Beyond. <i>Stroke</i> , 2020 , 51, 2586-2587	6.7	7
23	Brain mapping in musicians with focal task-specific dystonia. <i>Advances in Neurology</i> , 2004 , 94, 231-8		7
22	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. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015 , 24, 511-20	2.8	5
21	Characteristic Neuroimaging Abnormalities of Korsakoff Syndrome. <i>JAMA Neurology</i> , 2016 , 73, 1248-1249	4.2	5
20	Apraxia of speech involves lesions of dorsal arcuate fasciculus and insula in patients with aphasia. <i>Neurology: Clinical Practice</i> , 2020 , 10, 162-169	1.7	5
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