

Gottfried Schlaug

List of Publications by Year in descending order

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Version: 2024-02-01

195
papers

22,350
citations

5268

83
h-index

9103

144
g-index

198
all docs

198
docs citations

198
times ranked

16102
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain Structures Differ between Musicians and Non-Musicians. <i>Journal of Neuroscience</i> , 2003, 23, 9240-9245.	3.6	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. <i>Annals of Neurology</i> , 2006, 60, 508-517.	5.3	1,138
3	Musical Training Shapes Structural Brain Development. <i>Journal of Neuroscience</i> , 2009, 29, 3019-3025.	3.6	661
4	Increased corpus callosum size in musicians. <i>Neuropsychologia</i> , 1995, 33, 1047-1055.	1.6	613
5	Action Representation of Sound: Audiomotor Recognition Network While Listening to Newly Acquired Actions. <i>Journal of Neuroscience</i> , 2007, 27, 308-314.	3.6	516
6	Shared networks for auditory and motor processing in professional pianists: Evidence from fMRI conjunction. <i>NeuroImage</i> , 2006, 30, 917-926.	4.2	497
7	Asymmetry in the Human Motor Cortex and Handedness. <i>NeuroImage</i> , 1996, 4, 216-222.	4.2	447
8	Music Making as a Tool for Promoting Brain Plasticity across the Life Span. <i>Neuroscientist</i> , 2010, 16, 566-577.	3.5	367
9	Motor cortex and hand motor skills: Structural compliance in the human brain. <i>Human Brain Mapping</i> , 1997, 5, 206-215.	3.6	342
10	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, 385-394.	3.8	340
11	Effects of transcranial direct current stimulation (tDCS) on human regional cerebral blood flow. <i>NeuroImage</i> , 2011, 58, 26-33.	4.2	340
12	Adults and children processing music: An fMRI study. <i>NeuroImage</i> , 2005, 25, 1068-1076.	4.2	333
13	Transcranial Direct Current Stimulation in Stroke Recovery. <i>Archives of Neurology</i> , 2008, 65, 1571-6.	4.5	300
14	Functional anatomy of pitch memory—an fMRI study with sparse temporal sampling. <i>NeuroImage</i> , 2003, 19, 1417-1426.	4.2	290
15	Effects of Music Training on the Child's Brain and Cognitive Development. <i>Annals of the New York Academy of Sciences</i> , 2005, 1060, 219-230.	3.8	287
16	Lesion Load of the Corticospinal Tract Predicts Motor Impairment in Chronic Stroke. <i>Stroke</i> , 2010, 41, 910-915.	2.0	275
17	Dual-hemisphere tDCS facilitates greater improvements for healthy subjects' non-dominant hand compared to uni-hemisphere stimulation. <i>BMC Neuroscience</i> , 2008, 9, 103.	1.9	271
18	Corticospinal tract lesion load: An imaging biomarker for stroke motor outcomes. <i>Annals of Neurology</i> , 2015, 78, 860-870.	5.3	264

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19	Prefrontal cortex fMRI signal changes are correlated with working memory load. <i>NeuroReport</i> , 1997, 8, 545-549.	1.2	259
20	Shared and distinct neural correlates of singing and speaking. <i>NeuroImage</i> , 2006, 33, 628-635.	4.2	258
21	Absolute Pitch and Planum Temporale. <i>NeuroImage</i> , 2001, 14, 1402-1408.	4.2	256
22	Tone Deafness: A New Disconnection Syndrome?. <i>Journal of Neuroscience</i> , 2009, 29, 10215-10220.	3.6	256
23	Clinical and Vascular Outcome in Internal Carotid Artery Versus Middle Cerebral Artery Occlusions After Intravenous Tissue Plasminogen Activator. <i>Stroke</i> , 2002, 33, 2066-2071.	2.0	250
24	Reciprocal modulation and attenuation in the prefrontal cortex: An fMRI study on emotional-cognitive interaction. <i>Human Brain Mapping</i> , 2004, 21, 202-212.	3.6	225
25	Rapid and Reversible Recruitment of Early Visual Cortex for Touch. <i>PLoS ONE</i> , 2008, 3, e3046.	2.5	225
26	Predicting functional motor potential in chronic stroke patients using diffusion tensor imaging. <i>Human Brain Mapping</i> , 2012, 33, 1040-1051.	3.6	221
27	Effects of Practice and Experience on the Arcuate Fasciculus: Comparing Singers, Instrumentalists, and Non-Musicians. <i>Frontiers in Psychology</i> , 2011, 2, 156.	2.1	220
28	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.	1.5	214
29	Practicing a Musical Instrument in Childhood is Associated with Enhanced Verbal Ability and Nonverbal Reasoning. <i>PLoS ONE</i> , 2008, 3, e3566.	2.5	207
30	The Stroke Patient Who Woke Up. <i>Stroke</i> , 2002, 33, 988-993.	2.0	206
31	Impairment of Speech Production Predicted by Lesion Load of the Left Arcuate Fasciculus. <i>Stroke</i> , 2011, 42, 2251-2256.	2.0	206
32	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, 218-221.	3.6	201
33	Ipsilateral motor cortex activation on functional magnetic resonance imaging during unilateral hand movements is related to interhemispheric interactions. <i>NeuroImage</i> , 2003, 20, 2259-2270.	4.2	197
34	Specialization of the specialized in features of external human brain morphology. <i>European Journal of Neuroscience</i> , 2006, 24, 1832-1834.	2.6	192
35	Anodal Transcranial Direct Current Stimulation of the Prefrontal Cortex Enhances Complex Verbal Associative Thought. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1980-1987.	2.3	192
36	Predictors of Hemorrhagic Transformation After Intravenous Recombinant Tissue Plasminogen Activator. <i>Stroke</i> , 2002, 33, 2047-2052.	2.0	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. <i>Music Perception</i> , 2008, 25, 315-323.	1.1	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?. <i>Stroke</i> , 2002, 33, 954-958.	2.0	179
39	Gray Matter Differences between Musicians and Nonmusicians. <i>Annals of the New York Academy of Sciences</i> , 2003, 999, 514-517.	3.8	177
40	From singing to speaking: facilitating recovery from nonfluent aphasia. <i>Future Neurology</i> , 2010, 5, 657-665.	0.5	168
41	Diagnosis of Cerebral Venous Thrombosis With Echo-Planar T2*-Weighted Magnetic Resonance Imaging. <i>Archives of Neurology</i> , 2002, 59, 1021.	4.5	167
42	Are there pre-existing neural, cognitive, or motoric markers for musical ability?. <i>Brain and Cognition</i> , 2005, 59, 124-134.	1.8	167
43	Musicians and music making as a model for the study of brain plasticity. <i>Progress in Brain Research</i> , 2015, 217, 37-55.	1.4	164
44	The Effects of Musical Training on Structural Brain Development. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 182-186.	3.8	158
45	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.	6.1	157
46	Contralateral and ipsilateral motor effects after transcranial direct current stimulation. <i>NeuroReport</i> , 2006, 17, 671-674.	1.2	155
47	Cerebral activation covaries with movement rate. <i>NeuroReport</i> , 1996, 7, 879-883.	1.2	152
48	Noninvasive Brain Stimulation May Improve Stroke-Related Dysphagia. <i>Stroke</i> , 2011, 42, 1035-1040.	2.0	152
49	Action-“perception mismatch in tone-deafness. <i>Current Biology</i> , 2008, 18, R331-R332.	3.9	151
50	Melodic Intonation Therapy. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 431-436.	3.8	151
51	Amygdala activity can be modulated by unexpected chord functions during music listening. <i>NeuroReport</i> , 2008, 19, 1815-1819.	1.2	141
52	Hand Skill Asymmetry in Professional Musicians. <i>Brain and Cognition</i> , 1997, 34, 424-432.	1.8	131
53	Safety and Tolerability of Deferoxamine Mesylate in Patients With Acute Intracerebral Hemorrhage. <i>Stroke</i> , 2011, 42, 3067-3074.	2.0	129
54	Corpus callosum and brain volume in women and men. <i>NeuroReport</i> , 1995, 6, 1002-1004.	1.2	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). <i>Stroke</i> , 2008, 39, 2257-2263.	2.0	122
56	Optimizing recovery potential through simultaneous occupational therapy and non-invasive brain-stimulation using tDCS. <i>Restorative Neurology and Neuroscience</i> , 2011, 29, 411-420.	0.7	119
57	Dissociable networks for the expectancy and perception of emotional stimuli in the human brain. <i>NeuroImage</i> , 2006, 30, 588-600.	4.2	118
58	The Therapeutic Effects of Singing in Neurological Disorders. <i>Music Perception</i> , 2010, 27, 287-295.	1.1	118
59	Imaging correlates of motor recovery from cerebral infarction and their physiological significance in well-recovered patients. <i>NeuroImage</i> , 2007, 34, 253-263.	4.2	117
60	Training-induced Neuroplasticity in Young Children. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 205-208.	3.8	117
61	A Validated Smartphone-Based Assessment of Gait and Gait Variability in Parkinson's Disease. <i>PLoS ONE</i> , 2015, 10, e0141694.	2.5	117
62	Enhanced Cortical Connectivity in Absolute Pitch Musicians: A Model for Local Hyperconnectivity. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 1015-1026.	2.3	116
63	Corpus callosum: musician and gender effects. <i>NeuroReport</i> , 2003, 14, 205-209.	1.2	115
64	Intensive therapy induces contralateral white matter changes in chronic stroke patients with Broca's aphasia. <i>Brain and Language</i> , 2014, 136, 1-7.	1.6	115
65	Non-Invasive Brain Stimulation Enhances the Effects of Melodic Intonation Therapy. <i>Frontiers in Psychology</i> , 2011, 2, 230.	2.1	114
66	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.	4.5	113
67	Testing for causality with transcranial direct current stimulation: pitch memory and the left supramarginal gyrus. <i>NeuroReport</i> , 2006, 17, 1047-1050.	1.2	111
68	Diffusion tensor imaging as a prognostic biomarker for motor recovery and rehabilitation after stroke. <i>Neuroradiology</i> , 2017, 59, 343-351.	2.2	111
69	Transcranial direct current stimulation: a noninvasive tool to facilitate stroke recovery. <i>Expert Review of Medical Devices</i> , 2008, 5, 759-768.	2.8	109
70	The Use of Non-invasive Brain Stimulation Techniques to Facilitate Recovery from Post-stroke Aphasia. <i>Neuropsychology Review</i> , 2011, 21, 288-301.	4.9	109
71	THE RELATION BETWEEN MUSIC AND PHONOLOGICAL PROCESSING IN NORMAL-READING CHILDREN AND CHILDREN WITH DYSLEXIA. <i>Music Perception</i> , 2008, 25, 383-390.	1.1	108
72	Association Between Serum Ferritin Level and Perihematoma Edema Volume in Patients With Spontaneous Intracerebral Hemorrhage. <i>Stroke</i> , 2008, 39, 1165-1170.	2.0	108

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73	Brain connectivity reflects human aesthetic responses to music. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 884-891.	3.0	108
74	Compensatory role of the cortico-rubro-spinal tract in motor recovery after stroke. <i>Neurology</i> , 2012, 79, 515-522.	1.1	103
75	Improvement-related functional plasticity following pitch memory training. <i>NeuroImage</i> , 2006, 31, 255-263.	4.2	102
76	Clinical Correlations of Diffusion and Perfusion Lesion Volumes in Acute Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2000, 10, 441-448.	1.7	95
77	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, 1667-1673.	2.6	92
78	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, 348-358.	3.0	91
79	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.	2.5	91
80	Apollo's gift. <i>Progress in Brain Research</i> , 2015, 217, 237-252.	1.4	91
81	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, 1447-1451.	2.0	90
82	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, 927-930.	1.4	90
83	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.	2.0	89
84	Absolute pitch in blind musicians. <i>NeuroReport</i> , 2004, 15, 803-806.	1.2	88
85	The effect of musicianship on pitch memory in performance matched groups. <i>NeuroReport</i> , 2003, 14, 2291-2295.	1.2	84
86	The influence of sleep on auditory learning: a behavioral study. <i>NeuroReport</i> , 2004, 15, 731-734.	1.2	84
87	Resting State Interhemispheric Motor Connectivity and White Matter Integrity Correlate with Motor Impairment in Chronic Stroke. <i>Frontiers in Neurology</i> , 2013, 4, 178.	2.4	84
88	Attentional modulation of emotional stimulus processing: An fMRI study using emotional expectancy. <i>Human Brain Mapping</i> , 2006, 27, 662-677.	3.6	81
89	Evidence for peri-ictal blood-brain barrier dysfunction in patients with epilepsy. <i>Brain</i> , 2018, 141, 2952-2965.	7.6	79
90	Congenital amusia: an auditory-motor feedback disorder?. <i>Restorative Neurology and Neuroscience</i> , 2007, 25, 323-34.	0.7	79

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91	Quantitative cytoarchitectonics of the posterior cingulate cortex in primates. <i>Journal of Comparative Neurology</i> , 1986, 253, 514-524.	1.6	78
92	Guidelines for TMS/tES clinical services and research through the COVID-19 pandemic. <i>Brain Stimulation</i> , 2020, 13, 1124-1149.	1.6	78
93	Keeping brains young with making music. <i>Brain Structure and Function</i> , 2018, 223, 297-305.	2.3	77
94	Detection and Predictive Value of Fractional Anisotropy Changes of the Corticospinal Tract in the Acute Phase of a Stroke. <i>Stroke</i> , 2016, 47, 1520-1526.	2.0	75
95	From music making to speaking: Engaging the mirror neuron system in autism. <i>Brain Research Bulletin</i> , 2010, 82, 161-168.	3.0	72
96	Diffusion- and Perfusion-Weighted MRI Patterns in Borderzone Infarcts. <i>Stroke</i> , 2000, 31, 1090-1096.	2.0	69
97	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, 237-245.	3.8	68
98	Enhanced functional networks in absolute pitch. <i>NeuroImage</i> , 2012, 63, 632-640.	4.2	67
99	Evaluation of the Clinical "Diffusion and Perfusion" Diffusion Mismatch Models in DEFUSE. <i>Stroke</i> , 2007, 38, 1826-1830.	2.0	66
100	Combined Central and Peripheral Stimulation to Facilitate Motor Recovery After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 479-483.	2.9	66
101	Predicting speech fluency and naming abilities in aphasic patients. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 831.	2.0	66
102	Recovery of Swallowing after Dysphagic Stroke: An Analysis of Prognostic Factors. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 56-62.	1.6	66
103	Quantitative analysis of the columnar arrangement of neurons in the human cingulate cortex. <i>Journal of Comparative Neurology</i> , 1995, 351, 441-452.	1.6	62
104	White matter integrity in right hemisphere predicts pitch-related grammar learning. <i>NeuroImage</i> , 2011, 55, 500-507.	4.2	62
105	Comparative aspects of the primate posterior cingulate cortex. <i>Journal of Comparative Neurology</i> , 1986, 253, 539-548.	1.6	61
106	Non-Invasive Brain Stimulation Applied to Heschl's Gyrus Modulates Pitch Discrimination. <i>Frontiers in Psychology</i> , 2010, 1, 193.	2.1	61
107	Resting-State Functional Connectivity Magnetic Resonance Imaging and Outcome After Acute Stroke. <i>Stroke</i> , 2018, 49, 2353-2360.	2.0	61
108	Cerebral network underlying unilateral motor neglect: evidence from positron emission tomography. <i>Journal of the Neurological Sciences</i> , 1994, 125, 29-38.	0.6	60

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109	Neurological impairment and recovery in Wilson's disease: evidence from PET and MRI. <i>Journal of the Neurological Sciences</i> , 1996, 136, 129-139.	0.6	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. <i>Stroke</i> , 2005, 36, 746-750.	2.0	57
111	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, 332-337.	3.8	56
112	Neurologic music therapy: The beneficial effects of music making on neurorehabilitation. <i>Acoustical Science and Technology</i> , 2013, 34, 5-12.	0.5	56
113	Pathways to seeing music: Enhanced structural connectivity in colored-music synesthesia. <i>NeuroImage</i> , 2013, 74, 359-366.	4.2	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. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 229.	2.0	55
115	Emotion in Motion: Investigating the Time-Course of Emotional Judgments of Musical Stimuli. <i>Music Perception</i> , 2009, 26, 355-364.	1.1	54
116	Differential Adaptation of Descending Motor Tracts in Musicians. <i>Cerebral Cortex</i> , 2015, 25, 1490-1498.	2.9	54
117	Nonlinear sensory cortex response to simultaneous tactile stimuli in writer's cramp. <i>Movement Disorders</i> , 2002, 17, 105-111.	3.9	52
118	Relating Pitch Awareness to Phonemic Awareness in Children: Implications for Tone-Deafness and Dyslexia. <i>Frontiers in Psychology</i> , 2011, 2, 111.	2.1	52
119	Seizure at Stroke Onset: Should It Be an Absolute Contraindication to Thrombolysis?. <i>Cerebrovascular Diseases</i> , 2002, 14, 54-57.	1.7	49
120	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.	2.5	49
121	Does stroke location predict walk speed response to gait rehabilitation?. <i>Human Brain Mapping</i> , 2016, 37, 689-703.	3.6	49
122	Individual somatotopy of primary sensorimotor cortex revealed by intermodal matching of MEG, PET, and MRI. <i>Brain Topography</i> , 1992, 5, 183-187.	1.8	47
123	Renal Function Predicts Survival in Patients with Acute Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2009, 28, 88-94.	1.7	46
124	Alcohol and Acute Ischemic Stroke Onset. <i>Stroke</i> , 2010, 41, 1845-1849.	2.0	44
125	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, 114-120.	1.6	43
126	Training-mediated leftward asymmetries during music processing: A cross-sectional and longitudinal fMRI analysis. <i>NeuroImage</i> , 2013, 75, 97-107.	4.2	43

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127	Dynamic changes of focal hypometabolism in relation to epileptic activity. <i>Journal of the Neurological Sciences</i> , 1994, 124, 188-197.	0.6	42
128	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.	2.5	42
129	Differentiating maturational and training influences on fMRI activation during music processing. <i>NeuroImage</i> , 2012, 60, 1902-1912.	4.2	40
130	Musicians Differ from Nonmusicians in Brain Activation despite Performance Matching. <i>Annals of the New York Academy of Sciences</i> , 2003, 999, 385-388.	3.8	39
131	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.	3.6	37
132	Comparison of the BOLD- and EPISTAR-technique for functional brain imaging by using signal detection theory. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 249-255.	3.0	37
133	Imaging melody and rhythm processing in young children. <i>NeuroReport</i> , 2004, 15, 1723-1726.	1.2	37
134	Communication with emblematic gestures: Shared and distinct neural correlates of expression and reception. <i>Human Brain Mapping</i> , 2012, 33, 812-823.	3.6	37
135	Neural pathways for language in autism: the potential for music-based treatments. <i>Future Neurology</i> , 2010, 5, 797-805.	0.5	36
136	Individual Integration of Positron Emission Tomography and High-Resolution Magnetic Resonance Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992, 12, 919-926.	4.3	35
137	The Power of Listening: Auditory-Motor Interactions in Musical Training. <i>Annals of the New York Academy of Sciences</i> , 2005, 1060, 189-194.	3.8	35
138	The Effects of Gender on the Neural Substrates of Pitch Memory. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 810-820.	2.3	34
139	Physical Activity and Onset of Acute Ischemic Stroke: The Stroke Onset Study. <i>American Journal of Epidemiology</i> , 2011, 173, 330-336.	3.4	33
140	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.	2.0	30
141	MRI of the Brain in Wilson Disease. <i>Journal of Computer Assisted Tomography</i> , 1995, 19, 635-638.	0.9	28
142	Functional burst imaging. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 614-621.	3.0	27
143	Effects of tDCS dose and electrode montage on regional cerebral blood flow and motor behavior. <i>NeuroImage</i> , 2021, 237, 118144.	4.2	27
144	Transcranial Direct Current Stimulation for Poststroke Motor Recovery: Challenges and Opportunities. <i>PM and R</i> , 2018, 10, S157-S164.	1.6	25

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145	Behavioral predictors of improved speech output in minimally verbal children with autism. <i>Autism Research</i> , 2018, 11, 1356-1365.	3.8	23
146	Part VI Introduction. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 372-373.	3.8	22
147	Layer V pyramidal cells in the adult human cingulate cortex. <i>Anatomy and Embryology</i> , 1993, 187, 515-522.	1.5	21
148	The use of augmented auditory feedback to improve arm reaching in stroke: a case series. <i>Disability and Rehabilitation</i> , 2016, 38, 1115-1124.	1.8	21
149	Neural correlates of absolute pitch differ between blind and sighted musicians. <i>NeuroReport</i> , 2006, 17, 1853-1857.	1.2	20
150	Novelty seeking modulates medial prefrontal activity during the anticipation of emotional stimuli. <i>Psychiatry Research - Neuroimaging</i> , 2008, 164, 81-85.	1.8	19
151	Investigating Musical Disorders with Diffusion Tensor Imaging. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 121-125.	3.8	18
152	Factor analysis of signs of childhood apraxia of speech. <i>Journal of Communication Disorders</i> , 2020, 87, 106033.	1.5	18
153	Can ABCD2 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.	1.6	17
154	Impaired learning of event frequencies in tone deafness. <i>Annals of the New York Academy of Sciences</i> , 2012, 1252, 354-360.	3.8	17
155	A Comparative Study of Fractional Anisotropy Measures and ICH Score in Predicting Functional Outcomes After Intracerebral Hemorrhage. <i>Neurocritical Care</i> , 2014, 21, 417-425.	2.4	17
156	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.	4.5	16
157	Effects of voice on emotional arousal. <i>Frontiers in Psychology</i> , 2013, 4, 675.	2.1	16
158	The Healing Power of Music. <i>Scientific American Mind</i> , 2015, 26, 32-41.	0.0	16
159	Cerebellar Hypometabolism in Focal Epilepsy Is Related to Age of Onset and Drug Intoxication. <i>Epilepsia</i> , 1996, 37, 1194-1199.	5.1	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?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2008, 17, 273-275.	1.6	14
161	Structural Correlates of Functional Language Dominance: A Voxel-Based Morphometry Study. <i>Journal of Neuroimaging</i> , 2010, 20, 148-156.	2.0	14
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