

# Gottfried Schlaug

## 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

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	Neuroanatomical correlates of speech and singing production in chronic post-stroke aphasia.. <i>Brain Communications</i> , <b>2022</b> , 4, fcac001	4.5	0
190	Modulating short-term auditory memory with focal transcranial direct current stimulation applied to the supramarginal gyrus. <i>NeuroReport</i> , <b>2021</b> , 32, 702-710	1.7	1
189	A Modeling-Guided Case Study of Disordered Speech in Minimally Verbal Children With Autism Spectrum Disorder. <i>American Journal of Speech-Language Pathology</i> , <b>2021</b> , 30, 1542-1557	3.1	2
188	Auditory aversion in absolute pitch possessors. <i>Cortex</i> , <b>2021</b> , 135, 285-297	3.8	2
187	Effects of tDCS dose and electrode montage on regional cerebral blood flow and motor behavior. <i>NeuroImage</i> , <b>2021</b> , 237, 118144	7.9	4
186	Functional redundancy of the premotor network in hemispherotomy patients. <i>Annals of Clinical and Translational Neurology</i> , <b>2021</b> , 8, 1796-1808	5.3	0
185	Guidelines for TMS/tES clinical services and research through the COVID-19 pandemic. <i>Brain Stimulation</i> , <b>2020</b> , 13, 1124-1149	5.1	45
184	Pyramidal tract and alternate motor fibers complementarily mediate motor compensation in patients after hemispherotomy. <i>Scientific Reports</i> , <b>2020</b> , 10, 1010	4.9	4
183	Factor analysis of signs of childhood apraxia of speech. <i>Journal of Communication Disorders</i> , <b>2020</b> , 87, 106033	1.9	8
182	National Institutes of Health StrokeNet During the Time of COVID-19 and Beyond. <i>Stroke</i> , <b>2020</b> , 51, 2586-2587	6.7	625867
181	Apraxia of speech involves lesions of dorsal arcuate fasciculus and insula in patients with aphasia. <i>Neurology: Clinical Practice</i> , <b>2020</b> , 10, 162-169	1.7	5
180	Predicting Motor Outcome in Acute Intracerebral Hemorrhage. <i>American Journal of Neuroradiology</i> , <b>2019</b> , 40, 769-775	4.4	8
179	Clinical and neuroradiological characteristics of ischemic stroke and subarachnoid hemorrhage in isolated posterior inferior cerebellar artery dissection: Literature review and report of 2 cases. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , <b>2019</b> , 18, 100521	0.5	
178	Perception of musical pitch in developmental prosopagnosia. <i>Neuropsychologia</i> , <b>2019</b> , 124, 87-97	3.2	8
177	From intuition to intervention: developing an intonation-based treatment for autism. <i>Annals of the New York Academy of Sciences</i> , <b>2018</b> , 1423, 229	6.5	0
176	Enhancing swallowing recovery after a stroke by harnessing its bihemispheric organization. <i>Annals of Neurology</i> , <b>2018</b> , 83, 658-660	9.4	2
175	Even when right is all that's left: There are still more options for recovery from aphasia. <i>Annals of Neurology</i> , <b>2018</b> , 83, 661-663	9.4	7

174	Reverse Engineering Tone-Deafness: Disrupting Pitch-Matching by Creating Temporary Dysfunctions in the Auditory-Motor Network. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 9	3.3	1
173	The Effect of Speech Repetition Rate on Neural Activation in Healthy Adults: Implications for Treatment of Aphasia and Other Fluency Disorders. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 69	3.3	2
172	Music, sound, and health: a meeting of the minds in neurosciences and music. <i>Annals of the New York Academy of Sciences</i> , <b>2018</b> , 1423, 7-9	6.5	0
171	Repair after brainstem ischemia involves neurogenesis and the rubrospinal system. <i>Annals of Neurology</i> , <b>2018</b> , 83, 1069-1071	9.4	3
170	Keeping brains young with making music. <i>Brain Structure and Function</i> , <b>2018</b> , 223, 297-305	4	42
169	Developmental Perceptual Impairments: Cases When Tone-Deafness and Prosopagnosia Co-occur. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 438	3.3	4
168	Evidence for peri-ictal blood-brain barrier dysfunction in patients with epilepsy. <i>Brain</i> , <b>2018</b> , 141, 2952-2965	26.5	51
167	Transcranial Direct Current Stimulation for Poststroke Motor Recovery: Challenges and Opportunities. <i>PM and R</i> , <b>2018</b> , 10, S157-S164	2.2	9
166	Resting-State Functional Connectivity Magnetic Resonance Imaging and Outcome After Acute Stroke. <i>Stroke</i> , <b>2018</b> , 49, 2353-2360	6.7	35
165	Behavioral predictors of improved speech output in minimally verbal children with autism. <i>Autism Research</i> , <b>2018</b> , 11, 1356-1365	5.1	12
164	Diffusion tensor imaging as a prognostic biomarker for motor recovery and rehabilitation after stroke. <i>Neuroradiology</i> , <b>2017</b> , 59, 343-351	3.2	80
163	White Matter Integrity and Treatment-Based Change in Speech Performance in Minimally Verbal Children with Autism Spectrum Disorder. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 175	3.3	19
162	Auditory-Motor Mapping Training in a More Verbal Child with Autism. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 426	3.3	11
161	The use of augmented auditory feedback to improve arm reaching in stroke: a case series. <i>Disability and Rehabilitation</i> , <b>2016</b> , 38, 1115-1124	2.4	12
160	Characteristic Neuroimaging Abnormalities of Korsakoff Syndrome. <i>JAMA Neurology</i> , <b>2016</b> , 73, 1248-1249	17.2	5
159	Modulating transcallosal and intra-hemispheric brain connectivity with tDCS: Implications for interventions in Aphasia. <i>Restorative Neurology and Neuroscience</i> , <b>2016</b> , 34, 519-30	2.8	4
158	Brain connectivity reflects human aesthetic responses to music. <i>Social Cognitive and Affective Neuroscience</i> , <b>2016</b> , 11, 884-91	4	66
157	Detection and Predictive Value of Fractional Anisotropy Changes of the Corticospinal Tract in the Acute Phase of a Stroke. <i>Stroke</i> , <b>2016</b> , 47, 1520-6	6.7	48

156	Does stroke location predict walk speed response to gait rehabilitation?. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 689-703	5.9	41
155	Audiovisual Interval Size Estimation Is Associated with Early Musical Training. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163589	3.7	7
154	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> , <b>2016</b> , 11, e0164930	3.7	27
153	Allergic Dermatitis Caused by Endovascular Coiling of Brain Aneurysm. <i>Dermatitis</i> , <b>2016</b> , 27, 149-50	2.6	1
152	The Healing Power of Music. <i>Scientific American Mind</i> , <b>2015</b> , 26, 32-41		13
151	Differential adaptation of descending motor tracts in musicians. <i>Cerebral Cortex</i> , <b>2015</b> , 25, 1490-8	5.1	46
150	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> , <b>2015</b> , 24, 511-20	2.8	5
149	Corticospinal tract lesion load: An imaging biomarker for stroke motor outcomes. <i>Annals of Neurology</i> , <b>2015</b> , 78, 860-70	9.4	194
148	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> , <b>2015</b> , 9, 229	3.3	42
147	A Validated Smartphone-Based Assessment of Gait and Gait Variability in Parkinson's Disease. <i>PLoS ONE</i> , <b>2015</b> , 10, e0141694	3.7	92
146	Apollo's gift: new aspects of neurologic music therapy. <i>Progress in Brain Research</i> , <b>2015</b> , 217, 237-52	2.9	55
145	Musicians and music making as a model for the study of brain plasticity. <i>Progress in Brain Research</i> , <b>2015</b> , 217, 37-55	2.9	109
144	Intensive therapy induces contralateral white matter changes in chronic stroke patients with Broca's aphasia. <i>Brain and Language</i> , <b>2014</b> , 136, 1-7	2.9	95
143	A comparative study of fractional anisotropy measures and ICH score in predicting functional outcomes after intracerebral hemorrhage. <i>Neurocritical Care</i> , <b>2014</b> , 21, 417-25	3.3	12
142	Recovery of swallowing after dysphagic stroke: an analysis of prognostic factors. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2014</b> , 23, 56-62	2.8	43
141	Combining transcranial direct current stimulation and tailor-made notched music training to decrease tinnitus-related distress--a pilot study. <i>PLoS ONE</i> , <b>2014</b> , 9, e89904	3.7	37
140	QTc-prolongation in posterior circulation stroke. <i>Neurocritical Care</i> , <b>2013</b> , 19, 167-75	3.3	10
139	Training-mediated leftward asymmetries during music processing: a cross-sectional and longitudinal fMRI analysis. <i>NeuroImage</i> , <b>2013</b> , 75, 97-107	7.9	33

138	Pathways to seeing music: enhanced structural connectivity in colored-music synesthesia. <i>NeuroImage</i> , <b>2013</b> , 74, 359-66	7.9	43
137	Effects of voice on emotional arousal. <i>Frontiers in Psychology</i> , <b>2013</b> , 4, 675	3.4	11
136	Resting state interhemispheric motor connectivity and white matter integrity correlate with motor impairment in chronic stroke. <i>Frontiers in Neurology</i> , <b>2013</b> , 4, 178	4.1	65
135	The Harvard Beat Assessment Test (H-BAT): a battery for assessing beat perception and production and their dissociation. <i>Frontiers in Human Neuroscience</i> , <b>2013</b> , 7, 771	3.3	56
134	Predicting speech fluency and naming abilities in aphasic patients. <i>Frontiers in Human Neuroscience</i> , <b>2013</b> , 7, 831	3.3	54
133	Neurologic music therapy: The beneficial effects of music making on neurorehabilitation. <i>Acoustical Science and Technology</i> , <b>2013</b> , 34, 5-12	0.5	31
132	Impaired learning of event frequencies in tone deafness. <i>Annals of the New York Academy of Sciences</i> , <b>2012</b> , 1252, 354-60	6.5	13
131	Atypical hemispheric asymmetry in the arcuate fasciculus of completely nonverbal children with autism. <i>Annals of the New York Academy of Sciences</i> , <b>2012</b> , 1252, 332-7	6.5	45
130	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> , <b>2012</b> , 1252, 237-45	6.5	53
129	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> , <b>2012</b> , 26, 479-83	4.7	57
128	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> , <b>2012</b> , 21, 114-20	2.8	32
127	Differentiating maturational and training influences on fMRI activation during music processing. <i>NeuroImage</i> , <b>2012</b> , 60, 1902-12	7.9	35
126	Enhanced functional networks in absolute pitch. <i>NeuroImage</i> , <b>2012</b> , 63, 632-40	7.9	48
125	Compensatory role of the cortico-rubro-spinal tract in motor recovery after stroke. <i>Neurology</i> , <b>2012</b> , 79, 515-22	6.5	81
124	Communication with emblematic gestures: shared and distinct neural correlates of expression and reception. <i>Human Brain Mapping</i> , <b>2012</b> , 33, 812-23	5.9	32
123	Predicting functional motor potential in chronic stroke patients using diffusion tensor imaging. <i>Human Brain Mapping</i> , <b>2012</b> , 33, 1040-51	5.9	182
122	Effects of transcranial direct current stimulation (tDCS) on human regional cerebral blood flow. <i>NeuroImage</i> , <b>2011</b> , 58, 26-33	7.9	255
121	White matter integrity in right hemisphere predicts pitch-related grammar learning. <i>NeuroImage</i> , <b>2011</b> , 55, 500-7	7.9	52

120	Effects of practice and experience on the arcuate fasciculus: comparing singers, instrumentalists, and non-musicians. <i>Frontiers in Psychology</i> , <b>2011</b> , 2, 156	3.4	182
119	Relating pitch awareness to phonemic awareness in children: implications for tone-deafness and dyslexia. <i>Frontiers in Psychology</i> , <b>2011</b> , 2, 111	3.4	45
118	Non-invasive brain stimulation enhances the effects of melodic intonation therapy. <i>Frontiers in Psychology</i> , <b>2011</b> , 2, 230	3.4	88
117	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> , <b>2011</b> , 6, e25505	3.7	72
116	Optimizing recovery potential through simultaneous occupational therapy and non-invasive brain-stimulation using tDCS. <i>Restorative Neurology and Neuroscience</i> , <b>2011</b> , 29, 411-20	2.8	94
115	The use of non-invasive brain stimulation techniques to facilitate recovery from post-stroke aphasia. <i>Neuropsychology Review</i> , <b>2011</b> , 21, 288-301	7.7	92
114	Noninvasive brain stimulation may improve stroke-related dysphagia: a pilot study. <i>Stroke</i> , <b>2011</b> , 42, 1035-40	6.7	118
113	Safety and tolerability of deferoxamine mesylate in patients with acute intracerebral hemorrhage. <i>Stroke</i> , <b>2011</b> , 42, 3067-74	6.7	110
112	Impairment of speech production predicted by lesion load of the left arcuate fasciculus. <i>Stroke</i> , <b>2011</b> , 42, 2251-6	6.7	164
111	Physical activity and onset of acute ischemic stroke: the stroke onset study. <i>American Journal of Epidemiology</i> , <b>2011</b> , 173, 330-6	3.8	27
110	Enhanced cortical connectivity in absolute pitch musicians: a model for local hyperconnectivity. <i>Journal of Cognitive Neuroscience</i> , <b>2011</b> , 23, 1015-26	3.1	97
109	Structural correlates of functional language dominance: a voxel-based morphometry study. <i>Journal of Neuroimaging</i> , <b>2010</b> , 20, 148-156	2.8	13
108	Non-invasive brain stimulation applied to Heschl's gyrus modulates pitch discrimination. <i>Frontiers in Psychology</i> , <b>2010</b> , 1, 193	3.4	52
107	Neural pathways for language in autism: the potential for music-based treatments. <i>Future Neurology</i> , <b>2010</b> , 5, 797-805	1.5	26
106	Lesion load of the corticospinal tract predicts motor impairment in chronic stroke. <i>Stroke</i> , <b>2010</b> , 41, 910-6.7		220
105	The Therapeutic Effects of Singing in Neurological Disorders. <i>Music Perception</i> , <b>2010</b> , 27, 287-295	1.6	93
104	Music making as a tool for promoting brain plasticity across the life span. <i>Neuroscientist</i> , <b>2010</b> , 16, 566-77.6		281
103	From music making to speaking: engaging the mirror neuron system in autism. <i>Brain Research Bulletin</i> , <b>2010</b> , 82, 161-8	3.9	55

102	From singing to speaking: facilitating recovery from nonfluent aphasia. <i>Future Neurology</i> , <b>2010</b> , 5, 657-665	6.5	144
101	Alcohol and acute ischemic stroke onset: the stroke onset study. <i>Stroke</i> , <b>2010</b> , 41, 1845-9	6.7	41
100	Can ABCD score predict the need for in-hospital intervention in patients with transient ischemic attacks?. <i>International Journal of Emergency Medicine</i> , <b>2010</b> , 3, 75-80	3.9	12
99	NEUROLOGICAL BASES OF MUSICAL DISORDERS AND THEIR IMPLICATIONS FOR STROKE RECOVERY. <i>Acoustics Today</i> , <b>2010</b> , 6, 28-36	0	
98	Renal function predicts survival in patients with acute ischemic stroke. <i>Cerebrovascular Diseases</i> , <b>2009</b> , 28, 88-94	3.2	41
97	Tone deafness: a new disconnection syndrome?. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 10215-20	6.6	220
96	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> , <b>2009</b> , 1169, 385-94	6.5	271
95	Investigating musical disorders with diffusion tensor imaging: a comparison of imaging parameters. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1169, 121-5	6.5	14
94	The effects of musical training on structural brain development: a longitudinal study. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1169, 182-6	6.5	117
93	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> , <b>2009</b> , 1169, 431-6	6.5	107
92	Part VI introduction: listening to and making music facilitates brain recovery processes. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1169, 372-3	6.5	18
91	Anodal transcranial direct current stimulation of the prefrontal cortex enhances complex verbal associative thought. <i>Journal of Cognitive Neuroscience</i> , <b>2009</b> , 21, 1980-7	3.1	163
90	Musical training shapes structural brain development. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 3019-25	6.6	540
89	Training-induced neuroplasticity in young children. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1169, 205-8	6.5	90
88	Emotion in Motion: Investigating the Time-Course of Emotional Judgments of Musical Stimuli. <i>Music Perception</i> , <b>2009</b> , 26, 355-364	1.6	41
87	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> , <b>2008</b> , 28, 1667-73	3.5	77
86	Action-perception mismatch in tone-deafness. <i>Current Biology</i> , <b>2008</b> , 18, R331-2	6.3	140
85	Novelty seeking modulates medial prefrontal activity during the anticipation of emotional stimuli. <i>Psychiatry Research - Neuroimaging</i> , <b>2008</b> , 164, 81-5	2.9	17

84	Transcranial direct current stimulation: a noninvasive tool to facilitate stroke recovery. <i>Expert Review of Medical Devices</i> , <b>2008</b> , 5, 759-68	3.5	87
83	THE RELATION BETWEEN MUSIC AND PHONOLOGICAL PROCESSING IN NORMAL-READING CHILDREN AND CHILDREN WITH DYSLEXIA. <i>Music Perception</i> , <b>2008</b> , 25, 383-390	1.6	88
82	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> , <b>2008</b> , 17, 273-5	2.8	11
81	Dual-hemisphere tDCS facilitates greater improvements for healthy subjects non-dominant hand compared to uni-hemisphere stimulation. <i>BMC Neuroscience</i> , <b>2008</b> , 9, 103	3.2	231
80	Transcranial direct current stimulation in stroke recovery. <i>Archives of Neurology</i> , <b>2008</b> , 65, 1571-6		243
79	Relationships between infarct growth, clinical outcome, and early recanalization in diffusion and perfusion imaging for understanding stroke evolution (DEFUSE). <i>Stroke</i> , <b>2008</b> , 39, 2257-63	6.7	115
78	Association between serum ferritin level and perihematoma edema volume in patients with spontaneous intracerebral hemorrhage. <i>Stroke</i> , <b>2008</b> , 39, 1165-70	6.7	93
77	From Singing to Speaking: Why Singing May Lead to Recovery of Expressive Language Function in Patients with Broca's Aphasia. <i>Music Perception</i> , <b>2008</b> , 25, 315-323	1.6	146
76	Amygdala activity can be modulated by unexpected chord functions during music listening. <i>NeuroReport</i> , <b>2008</b> , 19, 1815-9	1.7	116
75	Rapid and reversible recruitment of early visual cortex for touch. <i>PLoS ONE</i> , <b>2008</b> , 3, e3046	3.7	174
74	Practicing a musical instrument in childhood is associated with enhanced verbal ability and nonverbal reasoning. <i>PLoS ONE</i> , <b>2008</b> , 3, e3566	3.7	161
73	Action representation of sound: audiomotor recognition network while listening to newly acquired actions. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 308-14	6.6	447
72	Evaluation of the clinical-diffusion and perfusion-diffusion mismatch models in DEFUSE. <i>Stroke</i> , <b>2007</b> , 38, 1826-30	6.7	62
71	Imaging correlates of motor recovery from cerebral infarction and their physiological significance in well-recovered patients. <i>NeuroImage</i> , <b>2007</b> , 34, 253-63	7.9	100
70	Congenital amusia: an auditory-motor feedback disorder?. <i>Restorative Neurology and Neuroscience</i> , <b>2007</b> , 25, 323-34	2.8	78
69	Attentional modulation of emotional stimulus processing: an fMRI study using emotional expectancy. <i>Human Brain Mapping</i> , <b>2006</b> , 27, 662-77	5.9	70
68	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> , <b>2006</b> , 60, 508-17	9.4	1004
67	Initial motor impairment influences activation pattern of motor recovery. <i>Neurological Research</i> , <b>2006</b> , 28, 849-52	2.7	

66	Dissociable networks for the expectancy and perception of emotional stimuli in the human brain. <i>NeuroImage</i> , <b>2006</b> , 30, 588-600	7.9	108
65	Shared networks for auditory and motor processing in professional pianists: evidence from fMRI conjunction. <i>NeuroImage</i> , <b>2006</b> , 30, 917-26	7.9	402
64	Improvement-related functional plasticity following pitch memory training. <i>NeuroImage</i> , <b>2006</b> , 31, 255-63.9	7.9	87
63	Shared and distinct neural correlates of singing and speaking. <i>NeuroImage</i> , <b>2006</b> , 33, 628-35	7.9	212
62	Contralateral and ipsilateral motor effects after transcranial direct current stimulation. <i>NeuroReport</i> , <b>2006</b> , 17, 671-4	1.7	142
61	Testing for causality with transcranial direct current stimulation: pitch memory and the left supramarginal gyrus. <i>NeuroReport</i> , <b>2006</b> , 17, 1047-50	1.7	99
60	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> , <b>2006</b> , 85, 927-30	2.6	74
59	Neural correlates of absolute pitch differ between blind and sighted musicians. <i>NeuroReport</i> , <b>2006</b> , 17, 1853-7	1.7	18
58	Specialization of the specialized in features of external human brain morphology. <i>European Journal of Neuroscience</i> , <b>2006</b> , 24, 1832-4	3.5	163
57	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> , <b>2005</b> , 36, 746-50	6.7	50
56	Arterial occlusive lesions recanalize more frequently in women than in men after intravenous tissue plasminogen activator administration for acute stroke. <i>Stroke</i> , <b>2005</b> , 36, 1447-51	6.7	85
55	Adults and children processing music: an fMRI study. <i>NeuroImage</i> , <b>2005</b> , 25, 1068-76	7.9	285
54	Are there pre-existing neural, cognitive, or motoric markers for musical ability?. <i>Brain and Cognition</i> , <b>2005</b> , 59, 124-34	2.7	136
53	Effects of music training on the child's brain and cognitive development. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1060, 219-30	6.5	218
52	The power of listening: auditory-motor interactions in musical training. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1060, 189-94	6.5	30
51	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> , <b>2005</b> , 25, 348-58	7.8	
50	Safety of latest-generation self-expanding stents in patients with NASCET-ineligible severe symptomatic extracranial internal carotid artery stenosis. <i>Archives of Neurology</i> , <b>2004</b> , 61, 39-43		16
49	Reciprocal modulation and attenuation in the prefrontal cortex: an fMRI study on emotional-cognitive interaction. <i>Human Brain Mapping</i> , <b>2004</b> , 21, 202-12	5.9	200

48	Imaging melody and rhythm processing in young children. <i>NeuroReport</i> , <b>2004</b> , 15, 1723-6	1.7	31
47	The influence of sleep on auditory learning: a behavioral study. <i>NeuroReport</i> , <b>2004</b> , 15, 731-4	1.7	82
46	Absolute pitch in blind musicians. <i>NeuroReport</i> , <b>2004</b> , 15, 803-6	1.7	73
45	Brain mapping in musicians with focal task-specific dystonia. <i>Advances in Neurology</i> , <b>2004</b> , 94, 231-8		7
44	The effects of gender on the neural substrates of pitch memory. <i>Journal of Cognitive Neuroscience</i> , <b>2003</b> , 15, 810-20	3.1	30
43	Corpus callosum: musician and gender effects. <i>NeuroReport</i> , <b>2003</b> , 14, 205-9	1.7	99
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36	Nonlinear sensory cortex response to simultaneous tactile stimuli in writer's cramp. <i>Movement Disorders</i> , <b>2002</b> , 17, 105-11	7	39
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