

Lutz Jäncke

List of Publications by Year in descending order

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Version: 2024-02-01

423
papers

30,414
citations

2975

93
h-index

7745

150
g-index

599
all docs

599
docs citations

599
times ranked

23245
citing authors

#	ARTICLE	IF	CITATIONS
1	The musician's brain as a model of neuroplasticity. <i>Nature Reviews Neuroscience</i> , 2002, 3, 473-478.	10.2	715
2	In Vivo Evidence of Structural Brain Asymmetry in Musicians. <i>Science</i> , 1995, 267, 699-701.	12.6	684
3	Increased corpus callosum size in musicians. <i>Neuropsychologia</i> , 1995, 33, 1047-1055.	1.6	613
4	A Process Model of the Formation of Spatial Presence Experiences. <i>Media Psychology</i> , 2007, 9, 493-525.	3.6	568
5	Sex beyond the genitalia: The human brain mosaic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15468-15473.	7.1	493
6	Recognition of emotional prosody and verbal components of spoken language: an fMRI study. <i>Cognitive Brain Research</i> , 2000, 9, 227-238.	3.0	412
7	From emotion perception to emotion experience: Emotions evoked by pictures and classical music. <i>International Journal of Psychophysiology</i> , 2006, 60, 34-43.	1.0	394
8	Anatomical left-right asymmetry of language-related temporal cortex is different in left- and right-handers. <i>Annals of Neurology</i> , 1991, 29, 315-319.	5.3	376
9	Transcranial direct current stimulation of the prefrontal cortex modulates working memory performance: combined behavioural and electrophysiological evidence. <i>BMC Neuroscience</i> , 2011, 12, 2.	1.9	349
10	Motor cortex and hand motor skills: Structural compliance in the human brain. <i>Human Brain Mapping</i> , 1997, 5, 206-215.	3.6	342
11	Cortical Activations during the Mental Rotation of Different Visual Objects. <i>NeuroImage</i> , 2001, 13, 143-152.	4.2	331
12	Women and men exhibit different cortical activation patterns during mental rotation tasks. <i>Neuropsychologia</i> , 2002, 40, 2397-2408.	1.6	326
13	Interhemispheric asymmetry of the human motor cortex related to handedness and gender. <i>Neuropsychologia</i> , 2000, 38, 304-312.	1.6	318
14	Gender differences in cortical complexity. <i>Nature Neuroscience</i> , 2004, 7, 799-800.	14.8	311
15	Gender effects on cortical thickness and the influence of scaling. <i>Human Brain Mapping</i> , 2006, 27, 314-324.	3.6	310
16	The emotional power of music: How music enhances the feeling of affective pictures. <i>Brain Research</i> , 2006, 1075, 151-164.	2.2	297
17	Functional anatomy of pitch memory—an fMRI study with sparse temporal sampling. <i>NeuroImage</i> , 2003, 19, 1417-1426.	4.2	290
18	Phonetic Perception and the Temporal Cortex. <i>NeuroImage</i> , 2002, 15, 733-746.	4.2	283

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19	Cortical activations during paced finger-tapping applying visual and auditory pacing stimuli. <i>Cognitive Brain Research</i> , 2000, 10, 51-66.	3.0	266
20	The relationship between corpus callosum size and forebrain volume. <i>Cerebral Cortex</i> , 1997, 7, 48-56.	2.9	265
21	Cortical activations in primary and secondary motor areas for complex bimanual movements in professional pianists. <i>Cognitive Brain Research</i> , 2000, 10, 177-183.	3.0	265
22	Plaque Ulceration and Lumen Thrombus Are the Main Sources of Cerebral Microemboli in High-grade Internal Carotid Artery Stenosis. <i>Stroke</i> , 1995, 26, 1231-1233.	2.0	263
23	The plastic human brain. <i>Restorative Neurology and Neuroscience</i> , 2009, 27, 521-538.	0.7	256
24	Delayed Striate Cortical Activation during Spatial Attention. <i>Neuron</i> , 2002, 35, 575-587.	8.1	247
25	White matter plasticity in the corticospinal tract of musicians: A diffusion tensor imaging study. <i>NeuroImage</i> , 2009, 46, 600-607.	4.2	247
26	Functional brain network efficiency predicts intelligence. <i>Human Brain Mapping</i> , 2012, 33, 1393-1406.	3.6	243
27	Activation of Serotonin 2A Receptors Underlies the Psilocybin-Induced Effects on α Oscillations, N170 Visual-Evoked Potentials, and Visual Hallucinations. <i>Journal of Neuroscience</i> , 2013, 33, 10544-10551.	3.6	240
28	Mindfulness and emotion regulation—an fMRI study. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 776-785.	3.0	238
29	Attention modulates activity in the primary and the secondary auditory cortex: a functional magnetic resonance imaging study in human subjects. <i>Neuroscience Letters</i> , 1999, 266, 125-128.	2.1	231
30	Resting-State Functional and Structural Connectivity Within an Insula—Amygdala Route Specifically Index State and Trait Anxiety. <i>Biological Psychiatry</i> , 2013, 73, 85-92.	1.3	224
31	Structural neuroplasticity in the sensorimotor network of professional female ballet dancers. <i>Human Brain Mapping</i> , 2010, 31, 1196-1206.	3.6	207
32	A network for audio—motor coordination in skilled pianists and non-musicians. <i>Brain Research</i> , 2007, 1161, 65-78.	2.2	201
33	Brain structural trajectories over the adult lifespan. <i>Human Brain Mapping</i> , 2012, 33, 2377-2389.	3.6	199
34	Visual activation of auditory cortex reflects maladaptive plasticity in cochlear implant users. <i>Brain</i> , 2012, 135, 555-568.	7.6	195
35	Mapping cortical gray matter in the young adult brain: Effects of gender. <i>NeuroImage</i> , 2005, 26, 493-501.	4.2	189
36	A voxel-based approach to gray matter asymmetries. <i>NeuroImage</i> , 2004, 22, 656-664.	4.2	188

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37	Training-Induced Neural Plasticity in Golf Novices. <i>Journal of Neuroscience</i> , 2011, 31, 12444-12448.	3.6	186
38	Self-related awareness and emotion regulation. <i>NeuroImage</i> , 2010, 50, 734-741.	4.2	182
39	Effects of limb immobilization on brain plasticity. <i>Neurology</i> , 2012, 78, 182-188.	1.1	174
40	Brain size, sex, and the aging brain. <i>Human Brain Mapping</i> , 2015, 36, 150-169.	3.6	173
41	Hemispheric Asymmetries in Cortical Thickness. <i>Cerebral Cortex</i> , 2006, 16, 1232-1238.	2.9	171
42	Total surface of temporoparietal intrasylvian cortex: Diverging left-right asymmetries*1. <i>Brain and Language</i> , 1990, 39, 357-372.	1.6	169
43	Unsolved Problems in Comparing Brain Sizes in Homo Sapiens. <i>Brain and Cognition</i> , 1998, 37, 254-285.	1.8	165
44	The Architecture of the Golfer's Brain. <i>PLoS ONE</i> , 2009, 4, e4785.	2.5	159
45	Intensity coding of auditory stimuli: an fMRI study. <i>Neuropsychologia</i> , 1998, 36, 875-883.	1.6	158
46	Differential magnetic resonance signal change in human sensorimotor cortex to finger movements of different rate of the dominant and subdominant hand. <i>Cognitive Brain Research</i> , 1998, 6, 279-284.	3.0	154
47	Relationships Between Sulcal Asymmetries and Corpus Callosum Size: Gender and Handedness Effects. <i>Cerebral Cortex</i> , 2003, 13, 1084-1093.	2.9	153
48	Scanning silence: Mental imagery of complex sounds. <i>NeuroImage</i> , 2005, 26, 1119-1127.	4.2	153
49	The effects of working memory training on functional brain network efficiency. <i>Cortex</i> , 2013, 49, 2424-2438.	2.4	153
50	Music and the heart. <i>European Heart Journal</i> , 2015, 36, 3043-3049.	2.2	153
51	Cerebral activation covaries with movement rate. <i>NeuroReport</i> , 1996, 7, 879-883.	1.2	152
52	Neural Correlate of Spatial Presence in an Arousing and Noninteractive Virtual Reality: An EEG and Psychophysiology Study. <i>Cyberpsychology, Behavior and Social Networking</i> , 2006, 9, 30-45.	2.2	149
53	Modulation of anticipatory emotion and perception processing by cognitive control. <i>NeuroImage</i> , 2007, 37, 652-662.	4.2	145
54	Feeling present in arousing virtual reality worlds: prefrontal brain regions differentially orchestrate presence experience in adults and children. <i>Frontiers in Human Neuroscience</i> , 2008, 2, 8.	2.0	145

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55	Altered limbic and autonomic processing supports brain-heart axis in Takotsubo syndrome. <i>European Heart Journal</i> , 2019, 40, 1183-1187.	2.2	145
56	Asymmetry of the planum parietale. <i>NeuroReport</i> , 1994, 5, 1161-1163.	1.2	144
57	Sex but no hand difference in the isthmus of the corpus callosum. <i>Neurology</i> , 1992, 42, 749-749.	1.1	143
58	The Role of the Inferior Parietal Cortex in Linking the Tactile Perception and Manual Construction of Object Shapes. <i>Cerebral Cortex</i> , 2001, 11, 114-121.	2.9	141
59	fMRI study of bimanual coordination. <i>Neuropsychologia</i> , 2000, 38, 164-174.	1.6	138
60	Brain structure and cognitive ability in healthy aging: a review on longitudinal correlated change. <i>Reviews in the Neurosciences</i> , 2019, 31, 1-57.	2.9	138
61	Brain (A)Symmetry in Monozygotic Twins. <i>Cerebral Cortex</i> , 1995, 5, 296-300.	2.9	137
62	Happy heart syndrome: role of positive emotional stress in takotsubo syndrome. <i>European Heart Journal</i> , 2016, 37, 2823-2829.	2.2	136
63	Focused and Nonfocused Attention in Verbal and Emotional Dichotic Listening: An fMRI Study. <i>Brain and Language</i> , 2001, 78, 349-363.	1.6	135
64	Evidence for rapid auditory perception as the foundation of speech processing: a sparse temporal sampling fMRI study. <i>European Journal of Neuroscience</i> , 2004, 20, 2447-2456.	2.6	134
65	Effects of simultaneously performed cognitive and physical training in older adults. <i>BMC Neuroscience</i> , 2013, 14, 103.	1.9	133
66	Hand Skill Asymmetry in Professional Musicians. <i>Brain and Cognition</i> , 1997, 34, 424-432.	1.8	131
67	Does dichotic listening probe temporal lobe functions?. <i>Neurology</i> , 2002, 58, 736-743.	1.1	131
68	Sex/gender differences in cognition, neurophysiology, and neuroanatomy. <i>F1000Research</i> , 2018, 7, 805.	1.6	130
69	Asymmetric hemodynamic responses of the human auditory cortex to monaural and binaural stimulation. <i>Hearing Research</i> , 2002, 170, 166-178.	2.0	127
70	Corpus callosum and brain volume in women and men. <i>NeuroReport</i> , 1995, 6, 1002-1004.	1.2	124
71	Globally Altered Structural Brain Network Topology in Grapheme-Color Synesthesia. <i>Journal of Neuroscience</i> , 2011, 31, 5816-5828.	3.6	123
72	Short-term functional plasticity in the human auditory cortex: an fMRI study. <i>Cognitive Brain Research</i> , 2001, 12, 479-485.	3.0	122

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73	The plasticity of the superior longitudinal fasciculus as a function of musical expertise: a diffusion tensor imaging study. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 76.	2.0	122
74	Influence of virtual reality soccer game on walking performance in robotic assisted gait training for children. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2010, 7, 15.	4.6	121
75	Modulating presence and impulsiveness by external stimulation of the brain. <i>Behavioral and Brain Functions</i> , 2008, 4, 33.	3.3	120
76	Tapping movements according to regular and irregular visual timing signals investigated with fMRI. <i>NeuroReport</i> , 2000, 11, 1301-1306.	1.2	116
77	Assessment of reliability in functional imaging studies. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 17, 463-471.	3.4	116
78	Auditory lateralization and planum temporale asymmetry. <i>NeuroReport</i> , 1993, 5, 169-172.	1.2	114
79	Music, memory and emotion. <i>Journal of Biology</i> , 2008, 7, 21.	2.7	114
80	Extensive training of elementary finger tapping movements changes the pattern of motor cortex excitability. <i>Experimental Brain Research</i> , 2006, 174, 199-209.	1.5	113
81	The human likeness dimension of the "uncanny valley hypothesis": behavioral and functional MRI findings. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 126.	2.0	113
82	The hypothesis of neuronal interconnectivity as a function of brain size: a general organization principle of the human connectome. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 915.	2.0	113
83	The Neural Correlate of Speech Rhythm as Evidenced by Metrical Speech Processing. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 541-552.	2.3	107
84	Modulation of corticospinal activity by strong emotions evoked by pictures and classical music: a transcranial magnetic stimulation study. <i>NeuroReport</i> , 2007, 18, 261-265.	1.2	106
85	Brain size and grey matter volume in the healthy human brain. <i>NeuroReport</i> , 2002, 13, 2371-4.	1.2	105
86	Absolute Pitch--Functional Evidence of Speech-Relevant Auditory Acuity. <i>Cerebral Cortex</i> , 2010, 20, 447-455.	2.9	103
87	Neural correlates of altered general emotion processing in social anxiety disorder. <i>Brain Research</i> , 2011, 1378, 72-83.	2.2	103
88	The desire for healthy limb amputation: structural brain correlates and clinical features of xenomelia. <i>Brain</i> , 2013, 136, 318-329.	7.6	102
89	A parametric analysis of the 'rate effect' in the sensorimotor cortex: a functional magnetic resonance imaging analysis in human subjects. <i>Neuroscience Letters</i> , 1998, 252, 37-40.	2.1	101
90	The Problem of Thresholding in Small-World Network Analysis. <i>PLoS ONE</i> , 2013, 8, e53199.	2.5	101

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91	Morphological brain differences between adult stutterers and non-stutterers. BMC Neurology, 2004, 4, 23.	1.8	100
92	The neuroanatomy of grapheme-color synesthesia. European Journal of Neuroscience, 2009, 29, 1287-1293.	2.6	100
93	Volumetric associations between uncinate fasciculus, amygdala, and trait anxiety. BMC Neuroscience, 2012, 13, 4.	1.9	100
94	Early electrophysiological correlates of meter and rhythm processing in music perception. Cortex, 2009, 45, 93-102.	2.4	99
95	Asymmetry of cortical activation during maximum and convenient tapping speed. Neuroscience Letters, 2004, 373, 61-66.	2.1	97
96	Training emotion regulation through real-time fMRI neurofeedback of amygdala activity. NeuroImage, 2019, 184, 687-696.	4.2	97
97	When coloured sounds taste sweet. Nature, 2005, 434, 38-38.	27.8	95
98	Enhancement of Auditory-evoked Potentials in Musicians Reflects an Influence of Expertise but not Selective Attention. Journal of Cognitive Neuroscience, 2008, 20, 2238-2249.	2.3	94
99	Long-term training affects cerebellar processing in skilled keyboard players. NeuroReport, 2004, 15, 1279-1282.	1.2	92
100	Age prediction on the basis of brain anatomical measures. Human Brain Mapping, 2017, 38, 997-1008.	3.6	92
101	Focused attention in a simple dichotic listening task: an fMRI experiment. Cognitive Brain Research, 2003, 16, 257-266.	3.0	90
102	Associations between age, motor function, and resting state sensorimotor network connectivity in healthy older adults. NeuroImage, 2015, 108, 47-59.	4.2	90
103	Virtual reality for enhancement of robot-assisted gait training in children with central gait disorders. Journal of Rehabilitation Medicine, 2011, 43, 493-499.	1.1	89
104	Effects of working memory training in young and old adults. Memory and Cognition, 2013, 41, 611-624.	1.6	88
105	Functional organization of the auditory cortex is different in stutterers and fluent speakers. NeuroReport, 1998, 9, 2225-2229.	1.2	87
106	Different cortical activations for subjects using allocentric or egocentric strategies in a virtual navigation task. NeuroReport, 2004, 15, 135-140.	1.2	87
107	Direct current induced short-term modulation of the left dorsolateral prefrontal cortex while learning auditory presented nouns. Behavioral and Brain Functions, 2009, 5, 29.	3.3	87
108	Excitability changes induced in the human auditory cortex by transcranial direct current stimulation: direct electrophysiological evidence. Experimental Brain Research, 2011, 215, 135-140.	1.5	87

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109	Cortical Surface Area and Cortical Thickness Demonstrate Differential Structural Asymmetry in Auditory-Related Areas of the Human Cortex. <i>Cerebral Cortex</i> , 2014, 24, 2541-2552.	2.9	86
110	Reliability and statistical power analysis of cortical and subcortical FreeSurfer metrics in a large sample of healthy elderly. <i>NeuroImage</i> , 2015, 108, 95-109.	4.2	85
111	Intermanual Transfer in a Simple Motor Task. <i>Cortex</i> , 2002, 38, 805-815.	2.4	83
112	The multiple synaesthete E.S. â€” Neuroanatomical basis of interval-taste and tone-colour synaesthesia. <i>NeuroImage</i> , 2008, 43, 192-203.	4.2	83
113	Randomized controlled trial investigating the effect of music on the virtual reality laparoscopic learning performance of novice surgeons. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2008, 22, 2416-2420.	2.4	82
114	Music drives brain plasticity. <i>F1000 Biology Reports</i> , 2009, 1, 78.	4.0	82
115	Neurophysiological evidence of impaired musical sound perception in cochlear-implant users. <i>Clinical Neurophysiology</i> , 2010, 121, 2070-2082.	1.5	82
116	Neurofunctional and Behavioral Correlates of Phonetic and Temporal Categorization in Musically Trained and Untrained Subjects. <i>Cerebral Cortex</i> , 2012, 22, 650-658.	2.9	82
117	Influence of acoustic masking noise in fMRI of the auditory cortex during phonetic discrimination. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 9, 19-25.	3.4	81
118	Frequency Correlates in Grapheme-Color Synaesthesia. <i>Psychological Science</i> , 2007, 18, 788-792.	3.3	81
119	Neural circuits of emotion regulation: a comparison of mindfulness-based and cognitive reappraisal strategies. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 45-55.	3.2	81
120	Slowing fastest finger movements of the dominant hand with low-frequency rTMS of the hand area of the primary motor cortex. <i>Experimental Brain Research</i> , 2004, 155, 196-203.	1.5	80
121	Bimanual versus unimanual coordination: what makes the difference?. <i>NeuroImage</i> , 2004, 22, 1336-1350.	4.2	79
122	Segmental processing in the human auditory dorsal stream. <i>Brain Research</i> , 2008, 1220, 179-190.	2.2	79
123	Virtual milgram: empathic concern or personal distress? Evidence from functional MRI and dispositional measures. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 29.	2.0	79
124	Temporal and spatial patterns of cortical activation during assisted lower limb movement. <i>Experimental Brain Research</i> , 2010, 203, 181-191.	1.5	78
125	Enhancing performance in numerical magnitude processing and mental arithmetic using transcranial Direct Current Stimulation (tDCS). <i>Frontiers in Human Neuroscience</i> , 2013, 7, 244.	2.0	77
126	Pre-reflective and reflective self-reference: A spatiotemporal EEG analysis. <i>NeuroImage</i> , 2008, 42, 437-449.	4.2	76

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127	Longitudinal reliability of tract-based spatial statistics in diffusion tensor imaging. <i>Human Brain Mapping</i> , 2014, 35, 4544-4555.	3.6	76
128	The Effect of Finger-Movement Speed of the Dominant and the Subdominant Hand on Cerebellar Activation: A Functional Magnetic Resonance Imaging Study. <i>NeuroImage</i> , 1999, 9, 497-507.	4.2	75
129	Neural correlates of a "pessimistic" attitude when anticipating events of unknown emotional valence. <i>NeuroImage</i> , 2007, 34, 848-858.	4.2	75
130	Sexual Dimorphism in the Parietal Substrate Associated with Visuospatial Cognition Independent of General Intelligence. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 139-155.	2.3	75
131	White matter alterations in social anxiety disorder. <i>Journal of Psychiatric Research</i> , 2011, 45, 1366-1372.	3.1	74
132	Increased cortical surface area of the left planum temporale in musicians facilitates the categorization of phonetic and temporal speech sounds. <i>Cortex</i> , 2013, 49, 2812-2821.	2.4	74
133	Effects of long-term potentiation in the human visual cortex: a functional magnetic resonance imaging study. <i>NeuroReport</i> , 2005, 16, 1977-1980.	1.2	73
134	The encoding of vowels and temporal speech cues in the auditory cortex of professional musicians: An EEG study. <i>Neuropsychologia</i> , 2013, 51, 1608-1618.	1.6	73
135	The drive-wise project: driving simulator training increases real driving performance in healthy older drivers. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 85.	3.4	73
136	Processing demands upon cognitive, linguistic, and articulatory functions promote grey matter plasticity in the adult multilingual brain: Insights from simultaneous interpreters. <i>Cortex</i> , 2014, 54, 179-189.	2.4	73
137	Evidence of frontotemporal structural hypoconnectivity in social anxiety disorder: A quantitative fiber tractography study. <i>Human Brain Mapping</i> , 2013, 34, 437-446.	3.6	72
138	Increased cortical thickness in a frontoparietal network in social anxiety disorder. <i>Human Brain Mapping</i> , 2014, 35, 2966-2977.	3.6	72
139	Takotsubo Syndrome Associated With Structural Brain Alterations of the Limbic System. <i>Journal of the American College of Cardiology</i> , 2018, 71, 809-811.	2.8	72
140	Parasagittal Asymmetries of the Corpus Callosum. <i>Cerebral Cortex</i> , 2006, 16, 346-354.	2.9	71
141	Effect of Aging on ERP Components of Cognitive Control. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 69.	3.4	71
142	The "silent" imprint of musical training. <i>Human Brain Mapping</i> , 2016, 37, 536-546.	3.6	71
143	Evaluation of evoked potentials to dyadic tones after cochlear implantation. <i>Brain</i> , 2009, 132, 1967-1979.	7.6	70
144	Virtual reality and the role of the prefrontal cortex in adults and children. <i>Frontiers in Neuroscience</i> , 2009, 3, 52-9.	2.8	69

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145	Professional Music Training and Novel Word Learning: From Faster Semantic Encoding to Longer-lasting Word Representations. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1584-1602.	2.3	68
146	Top-down and bottom-up modulation of language related areas--an fMRI study. <i>BMC Neuroscience</i> , 2003, 4, 13.	1.9	67
147	Refinement of metre perception " training increases hierarchical metre processing. <i>European Journal of Neuroscience</i> , 2010, 32, 1979-1985.	2.6	66
148	Structural and functional connectivity in healthy aging: Associations for cognition and motor behavior. <i>Human Brain Mapping</i> , 2016, 37, 855-867.	3.6	66
149	Brain stimulation modulates driving behavior. <i>Behavioral and Brain Functions</i> , 2008, 4, 34.	3.3	65
150	Limitation of physical performance in a muscle fatiguing handgrip exercise is mediated by thalamo-insular activity. <i>Human Brain Mapping</i> , 2011, 32, 2151-2160.	3.6	65
151	Functional and Structural Network Recovery after Mild Traumatic Brain Injury: A 1-Year Longitudinal Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 280.	2.0	65
152	Electrical brain imaging reveals spatio-temporal dynamics of timbre perception in humans. <i>NeuroImage</i> , 2006, 32, 1510-1523.	4.2	64
153	Neuronal correlates of encoding and retrieval in episodic memory during a paired-word association learning task: a functional magnetic resonance imaging study. <i>Experimental Brain Research</i> , 1999, 128, 332-342.	1.5	63
154	Masculinity causes speeding in young men. <i>Accident Analysis and Prevention</i> , 2008, 40, 840-842.	5.7	63
155	Normal intrasylvian anatomical asymmetry in children with developmental language disorder. <i>Neuropsychologia</i> , 1998, 36, 849-855.	1.6	62
156	Time Course of Neural Activity Correlated with Colored-Hearing Synesthesia. <i>Cerebral Cortex</i> , 2008, 18, 379-385.	2.9	62
157	Spinal opioid receptor-sensitive muscle afferents contribute to the fatigue-induced increase in intracortical inhibition in healthy humans. <i>Experimental Physiology</i> , 2011, 96, 505-517.	2.0	62
158	Dissociative Part-Dependent Resting-State Activity in Dissociative Identity Disorder: A Controlled fMRI Perfusion Study. <i>PLoS ONE</i> , 2014, 9, e98795.	2.5	62
159	Functional dedifferentiation of associative resting state networks in older adults " A longitudinal study. <i>NeuroImage</i> , 2020, 214, 116680.	4.2	61
160	Facial EMG responses to odors in solitude and with an audience. <i>Chemical Senses</i> , 1994, 19, 99-111.	2.0	60
161	Diminished Whole-brain but Enhanced Peri-sylvian Connectivity in Absolute Pitch Musicians. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 1447-1461.	2.3	60
162	Comparing tomographic EEG neurofeedback and EMG biofeedback in children with attention-deficit/hyperactivity disorder. <i>Biological Psychology</i> , 2014, 95, 31-44.	2.2	60

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163	Dissociative part-dependent biopsychosocial reactions to backward masked angry and neutral faces: An fMRI study of dissociative identity disorder. <i>NeuroImage: Clinical</i> , 2013, 3, 54-64.	2.7	59
164	Interhemispheric transfer time and corpus callosum size. <i>NeuroReport</i> , 1994, 5, 2385-2388.	1.2	58
165	Music listening while you learn: No influence of background music on verbal learning. <i>Behavioral and Brain Functions</i> , 2010, 6, 3.	3.3	58
166	Differential language expertise related to white matter architecture in regions subserving sensory-motor coupling, articulation, and interhemispheric transfer. <i>Human Brain Mapping</i> , 2011, 32, 2064-2074.	3.6	57
167	Child Age and Planum Temporale Asymmetry. <i>Brain and Cognition</i> , 1999, 40, 441-452.	1.8	56
168	Decreased white-matter density in a left-sided fronto-temporal network in children with developmental language disorder: Evidence for anatomical anomalies in a motor-language network. <i>Brain and Language</i> , 2007, 102, 91-98.	1.6	56
169	Silent and continuous fMRI scanning differentially modulate activation in an auditory language comprehension task. <i>Human Brain Mapping</i> , 2008, 29, 46-56.	3.6	56
170	The architecture of the chess player's brain. <i>Neuropsychologia</i> , 2014, 62, 152-162.	1.6	55
171	Spectro-temporal processing during speech perception involves left posterior auditory cortex. <i>NeuroReport</i> , 2005, 16, 1985-1989.	1.2	54
172	P50 suppression, prepulse inhibition, and startle reactivity in the same patient cohort suffering from posttraumatic stress disorder. <i>Journal of Affective Disorders</i> , 2010, 126, 188-197.	4.1	54
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