Lutz JÃ¤ncke

List of Publications by Year
in descending order

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	A neurostructural biomarker of dissociative amnesia: a hippocampal study in dissociative identity disorder. Psychological Medicine, 2023, 53, 805-813.	4.5	11
2	Longitudinal Analysis of Self-Reported Symptoms, Behavioral Measures, and Event-Related Potential Components of a Cued Go/NoGo Task in Adults With Attention-Deficit/Hyperactivity Disorder and Controls. Frontiers in Human Neuroscience, 2022, 16, 767789.	2.0	1
3	Normal amygdala morphology in dissociative identity disorder. BJPsych Open, 2022, 8, e70.	0.7	4
4	Performance of three freely available methods for extracting white matter hyperintensities: <scp>FreeSurfer</scp>, <scp>UBO</scp> Detector, and <scp>BIANCA</scp>. Human Brain Mapping, 2022, 43, 1481-1500.	3.6	10
5	A longitudinal resting-state functional connectivity analysis on trauma exposure and post-traumatic stress symptoms in older individuals. NeuroImage: Clinical, 2022, 35, 103052.	2.7	0
6	Identification of individual subjects based on neuroanatomical measures obtained 7â€‰years earlier. European Journal of Neuroscience, 2022, 56, 4642-4652.	2.6	2
7	Longitudinal functional connectivity patterns of the default mode network in healthy older adults. NeuroImage, 2022, 259, 119414.	4.2	7
8	Are language skills related to structural features in Broca's and Wernicke's area?. European Journal of Neuroscience, 2021, 53, 1124-1135.	2.6	7
9	Solve problems and answer questions instead of following trends!. Laterality, 2021, 26, 319-322.	1.0	1
10	Auditory aversion in absolute pitch possessors. Cortex, 2021, 135, 285-297.	2.4	4
11	Object-Location Memory Training in Older Adults Leads to Greater Deactivation of the Dorsal Default Mode Network. Frontiers in Human Neuroscience, 2021, 15, 623766.	2.0	2
12	Behavioral and Neurophysiological Markers of ADHD in Children, Adolescents, and Adults: A Large-Scale Clinical Study. Clinical EEG and Neuroscience, 2021, 52, 311-320.	1.7	7
13	Generalizing Longitudinal Age Effects on Brain Structure â€“ A Two-Study Comparison Approach. Frontiers in Human Neuroscience, 2021, 15, 635687.	2.0	3
14	Working Memory Training Effects on White Matter Integrity in Young and Older Adults. Frontiers in Human Neuroscience, 2021, 15, 605213.	2.0	15
15	The left dorsal stream causally mediates the tone labeling in absolute pitch. Annals of the New York Academy of Sciences, 2021, 1500, 122-133.	3.8	2
16	Neural response during temporal â€“ and spatial luminance contrast processing and its manifestation in the blood-oxygen-level-dependent-signal in striate and extra-striate cortex. NeuroReport, 2021, 32, 994-1000.	1.2	0
17	Fractional Anisotropy in Selected, Motor-Related White Matter Tracts and Its Cross-Sectional and Longitudinal Associations With Motor Function in Healthy Older Adults. Frontiers in Human Neuroscience, 2021, 15, 621263.	2.0	5
18	Restingâ€state functional connectivity in patients with a complex PTSD or complex dissociative disorder before and after inpatient trauma treatment. Brain and Behavior, 2021, 11, e02200.	2.2	6

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19	Phonetic Skills and Verbal Memory Capacity Predict Phonetic-based Word Learning: An Event-related Potential Study. Journal of Cognitive Neuroscience, 2021, 33, 1-16.	2.3	4
20	Age-related decline in the brain: a longitudinal study on inter-individual variability of cortical thickness, area, volume, and cognition.. NeuroImage, 2021, 240, 118370.	4.2	26
21	Does local cerebellar volume predict treatment success in anorexia nervosa?. Psychiatry Research - Neuroimaging, 2021, 317, 111355.	1.8	8
22	Musical Expertise Shapes Functional and Structural Brain Networks Independent of Absolute Pitch Ability. Journal of Neuroscience, 2021, 41, 2496-2511.	3.6	19
23	Dopaminergic neuromodulation has no detectable effect on visual-cue induced haemodynamic response function in the visual cortex: A double-blind, placebo-controlled functional magnetic resonance imaging study. Journal of Psychopharmacology, 2021, 35, 100-102.	4.0	0
24	Associations of subclinical cerebral small vessel disease and processing speed in non-demented subjects: A 7-year study. NeuroImage: Clinical, 2021, 32, 102884.	2.7	10
25	The utility of the Structured Inventory of Malingered Symptomatology for distinguishing individuals with Dissociative Identity Disorder (DID) from DID simulators and healthy controls. HÃ¶gre Utbildning, 2021, 12, 1984048.	3.0	2
26	Clinical correlates and prognostic impact of neurologic disorders in Takotsubo syndrome. Scientific Reports, 2021, 11, 23555.	3.3	13
27	Diminished large-scale functional brain networks in absolute pitch during the perception of naturalistic music and audiobooks. NeuroImage, 2020, 216, 116513.	4.2	16
28	Takotsubo syndrome: How the broken heart deals with negative emotions. NeuroImage: Clinical, 2020, 25, 102124.	2.7	4
29	Brain aging and psychometric intelligence: a longitudinal study. Brain Structure and Function, 2020, 225, 519-536.	2.3	20
30	Decline Variability of Cortical and Subcortical Regions in Aging: A Longitudinal Study. Frontiers in Human Neuroscience, 2020, 14, 363.	2.0	13
31	Heterogeneity of EEG resting-state brain networks in absolute pitch. International Journal of Psychophysiology, 2020, 157, 11-22.	1.0	7
32	Longitudinal functional brain network reconfiguration in healthy aging. Human Brain Mapping, 2020, 41, 4829-4845.	3.6	31
33	Suppression of Pitch Labeling: No Evidence for an Impact of Absolute Pitch on Behavioral and Neurophysiological Measures of Cognitive Inhibition in an Auditory Go/Nogo Task. Frontiers in Human Neuroscience, 2020, 14, 585505.	2.0	2
34	Age influences structural brain restoration during weight gain therapy in anorexia nervosa. Translational Psychiatry, 2020, 10, 126.	4.8	21
35	Functional dedifferentiation of associative resting state networks in older adults â€“ A longitudinal study. NeuroImage, 2020, 214, 116680.	4.2	61
36	The importance of the fibre tracts connecting the planum temporale in absolute pitch possessors. NeuroImage, 2020, 211, 116590.	4.2	17

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37	Cognitive load in relation to non-standard language input. Translation, Cognition and Behavior, 2020, 3, 263-286.	1.1	5
38	Neurocardiology: the brainâ€“heart connection in Takotsubo syndrome. European Heart Journal, 2019, 40, 3062-3063.	2.2	5
39	Weak correlations between body height and several brain metrics in healthy elderly subjects. European Journal of Neuroscience, 2019, 50, 3578-3589.	2.6	7
40	Testing the influence of musical expertise on novel word learning across the lifespan using a cross-sectional approach in children, young adults and older adults. Brain and Language, 2019, 198, 104678.	1.6	20
41	A reevaluation of the electrophysiological correlates of absolute pitch and relative pitch: No evidence for an absolute pitch-specific negativity. International Journal of Psychophysiology, 2019, 137, 21-31.	1.0	17
42	Generalizing age effects on brain structure and cognition: A twoâ€study comparison approach. Human Brain Mapping, 2019, 40, 2305-2319.	3.6	31
43	Neural patterns reveal single-trial information on absolute pitch and relative pitch perception. NeuroImage, 2019, 200, 132-141.	4.2	13
44	10Kin1day: A Bottom-Up Neuroimaging Initiative. Frontiers in Neurology, 2019, 10, 425.	2.4	15
45	56. Aiding the Diagnosis of Dissociative Identity Disorder: A Pattern Recognition Study of Brain Structural Biomarkers. Biological Psychiatry, 2019, 85, S23-S24.	1.3	0
46	Brain structure and cognitive ability in healthy aging: a review on longitudinal correlated change. Reviews in the Neurosciences, 2019, 31, 1-57.	2.9	138
47	Dissociating refreshing and elaboration and their impacts on memory. NeuroImage, 2019, 199, 585-597.	4.2	17
48	Functional reorganization of neural networks involved in emotion regulation following trauma therapy for complex trauma disorders. NeuroImage: Clinical, 2019, 23, 101807.	2.7	20
49	Altered limbic and autonomic processing supports brain-heart axis in Takotsubo syndrome. European Heart Journal, 2019, 40, 1183-1187.	2.2	145
50	Decrypting the electrophysiological individuality of the human brain: Identification of individuals based on resting-state EEG activity. NeuroImage, 2019, 197, 470-481.	4.2	34
51	Absolute and relative pitch processing in the human brain: neural and behavioral evidence. Brain Structure and Function, 2019, 224, 1723-1738.	2.3	26
52	Early tone categorization in absolute pitch musicians is subserved by the right-sided perisylvian brain. Scientific Reports, 2019, 9, 1419.	3.3	25
53	Lagged Coupled Changes Between White Matter Microstructure and Processing Speed in Healthy Aging: A Longitudinal Investigation. Frontiers in Aging Neuroscience, 2019, 11, 298.	3.4	14
54	Scaling of brain compartments to brain size. NeuroReport, 2019, 30, 573-579.	1.2	20

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55	Resting-state electroencephalogram in learning-disabled children. NeuroReport, 2019, 30, 95-101.	1.2	8
56	Univariate and multivariate analyses of functional networks in absolute pitch. NeuroImage, 2019, 189, 241-247.	4.2	33
57	Aiding the diagnosis of dissociative identity disorder: pattern recognition study of brain biomarkers. British Journal of Psychiatry, 2019, 215, 536-544.	2.8	35
58	Training emotion regulation through real-time fMRI neurofeedback of amygdala activity. NeuroImage, 2019, 184, 687-696.	4.2	97
59	Shades of grey; Assessing the contribution of the magnoâ€•and parvocellular systems to neural processing of the retinal input in the human visual system from the influence of neural population size and its discharge activity on the <scp>VEP</scp>. Brain and Behavior, 2018, 8, e00860.	2.2	4
60	The neural underpinnings of music listening under different attention conditions. NeuroReport, 2018, 29, 594-604.	1.2	17
61	Takotsubo Syndrome Associated With Structural Brain Alterations of the LimbicÂSystem. Journal of the American College of Cardiology, 2018, 71, 809-811.	2.8	72
62	Neurodevelopmental origins of abnormal cortical morphology in dissociative identity disorder. Acta Psychiatrica Scandinavica, 2018, 137, 157-170.	4.5	35
63	Relationships between music training, speech processing, and word learning: a network perspective. Annals of the New York Academy of Sciences, 2018, 1423, 10-18.	3.8	14
64	Topâ€“down signal transmission and global hyperconnectivity in auditoryâ€•visual synesthesia: Evidence from a functional E<scp>EG</scp> restingâ€•state study. Human Brain Mapping, 2018, 39, 522-531.	3.6	9
65	Stimuli to differentiate the neural response at successive stages of visual processing using the VEP from human visual cortex. Journal of Neuroscience Methods, 2018, 293, 199-209.	2.5	5
66	Increased functional connectivity in the ventral and dorsal streams during retrieval of novel words in professional musicians. Human Brain Mapping, 2018, 39, 722-734.	3.6	17
67	Sex/gender differences in cognition, neurophysiology, and neuroanatomy. F1000Research, 2018, 7, 805.	1.6	130
68	Emotion introspection and regulation in depression. Psychiatry Research - Neuroimaging, 2018, 277, 7-13.	1.8	14
69	Identification of individual subjects on the basis of their brain anatomical features. Scientific Reports, 2018, 8, 5611.	3.3	49
70	The Effect of Background Music on Inhibitory Functions: An ERP Study. Frontiers in Human Neuroscience, 2018, 12, 293.	2.0	19
71	The interpreter's brain during rest â€” Hyperconnectivity in the frontal lobe. PLoS ONE, 2018, 13, e0202600.	2.5	13
72	Integrating Cytoarchitectonic Probabilities with MRI-Based Signal Intensities to Calculate Regional Volumes of Interest. Neuromethods, 2018, , 121-129.	0.3	10

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73	Electrophysiological Correlates of Absolute Pitch in a Passive Auditory Oddball Paradigm: a Direct Replication Attempt. ENeuro, 2018, 5, ENEURO.0333-18.2018.	1.9	21
74	Expertise-related functional brain network efficiency in healthy older adults. BMC Neuroscience, 2017, 18, 2.	1.9	17
75	Fornix Under Water? Ventricular Enlargement Biases Forniceal Diffusion Magnetic Resonance Imaging Indices in Anorexia Nervosa. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 430-437.	1.5	25
76	Pattern of structural brain changes in social anxiety disorder after cognitive behavioral group therapy: a longitudinal multimodal MRI study. Molecular Psychiatry, 2017, 22, 1164-1171.	7.9	48
77	Prefrontal Cortical Thickening after Mild Traumatic Brain Injury: A One-Year Magnetic Resonance Imaging Study. Journal of Neurotrauma, 2017, 34, 3270-3279.	3.4	32
78	Takotsubo Syndrome â€“ Predictable from brain imaging data. Scientific Reports, 2017, 7, 5434.	3.3	32
79	Functional indexes of reactive cognitive control: ERPs in cued go/noâ€go tasks. Psychophysiology, 2017, 54, 1899-1915.	2.4	21
80	Facial emotion recognition deficits in children with and without attention deficit hyperactivity disorder. NeuroReport, 2017, 28, 917-921.	1.2	6
81	Faster native vowel discrimination learning in musicians is mediated by an optimization of mnemonic functions. Neuropsychologia, 2017, 104, 64-75.	1.6	14
82	Functional connectivity in the dorsal stream and between bilateral auditory-related cortical areas differentially contribute to speech decoding depending on spectro-temporal signal integrity and performance. Neuropsychologia, 2017, 106, 398-406.	1.6	9
83	Age prediction on the basis of brain anatomical measures. Human Brain Mapping, 2017, 38, 997-1008.	3.6	92
84	Sexual dimorphism of Broca's region: More gray matter in female brains in Brodmann areas 44 and 45. Journal of Neuroscience Research, 2017, 95, 626-632.	2.9	33
85	Regional cerebellar volumetric correlates of manual motor and cognitive function. Brain Structure and Function, 2017, 222, 1929-1944.	2.3	49
86	Executive Functions in Healthy Older Adults Are Differentially Related to Macro- and Microstructural White Matter Characteristics of the Cerebral Lobes. Frontiers in Aging Neuroscience, 2017, 9, 373.	3.4	38
87	Functional and Structural Network Recovery after Mild Traumatic Brain Injury: A 1-Year Longitudinal Study. Frontiers in Human Neuroscience, 2017, 11, 280.	2.0	65
88	Task Context Influences Brain Activation during Music Listening. Frontiers in Human Neuroscience, 2017, 11, 342.	2.0	17
89	Effect of Aging on ERP Components of Cognitive Control. Frontiers in Aging Neuroscience, 2016, 8, 69.	3.4	71
90	Small Changes, But Huge Impact? The Right Anterior Insula's Loss of Connection Strength during the Transition of Old to Very Old Age. Frontiers in Aging Neuroscience, 2016, 8, 86.	3.4	17

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91	Strength of Structural and Functional Frontostriatal Connectivity Predicts Self-Control in the Healthy Elderly. Frontiers in Aging Neuroscience, 2016, 8, 307.	3.4	14
92	Connectomic and Surface-Based Morphometric Correlates of Acute Mild Traumatic Brain Injury. Frontiers in Human Neuroscience, 2016, 10, 127.	2.0	31
93	Different Resting State EEG Features in Children from Switzerland and Saudi Arabia. Frontiers in Human Neuroscience, 2016, 10, 559.	2.0	14
94	Driving Simulator Training Is Associated with Reduced Inhibitory Workload in Older Drivers. Geriatrics (Switzerland), 2016, 1, 16.	1.7	13
95	Detection of independent functional networks during music listening using electroencephalogram and sLORETA-ICA. NeuroReport, 2016, 27, 455-461.	1.2	17
96	Neural correlates of mindful self-awareness in mindfulness meditators and meditation-naÃ¨ve subjects revisited. Biological Psychology, 2016, 119, 21-30.	2.2	29
97	Happy heart syndrome: role of positive emotional stress in takotsubo syndrome. European Heart Journal, 2016, 37, 2823-2829.	2.2	136
98	Independent component processes underlying emotions during natural music listening. Social Cognitive and Affective Neuroscience, 2016, 11, 1428-1439.	3.0	44
99	To see or not to see; the ability of the magnoâ€•and parvocellular response to manifest itself in the VEP determines its appearance to a pattern reversing and pattern onset stimulus. Brain and Behavior, 2016, 6, e00552.	2.2	8
100	Structural and functional connectivity in healthy aging: Associations for cognition and motor behavior. Human Brain Mapping, 2016, 37, 855-867.	3.6	66
101	Professional Music Training and Novel Word Learning: From Faster Semantic Encoding to Longer-lasting Word Representations. Journal of Cognitive Neuroscience, 2016, 28, 1584-1602.	2.3	68
102	The â€œsilentâ€•imprint of musical training. Human Brain Mapping, 2016, 37, 536-546.	3.6	71
103	Interhemispheric transcallosal connectivity between the left and right planum temporale predicts musicianship, performance in temporal speech processing, and functional specialization. Brain Structure and Function, 2016, 221, 331-344.	2.3	36
104	Older but still fluent? Insights from the intrinsically active baseline configuration of the aging brain using a data driven graph-theoretical approach. NeuroImage, 2016, 127, 346-362.	4.2	19
105	Resting State EEG in Children With Learning Disabilities. Clinical EEG and Neuroscience, 2016, 47, 24-36.	1.7	21
106	Altered processing of self-related emotional stimuli in mindfulness meditators. NeuroImage, 2016, 124, 958-967.	4.2	40
107	The Influence of Pre-stimulus EEG Activity on Reaction Time During a Verbal Sternberg Task is Related to Musical Expertise. Brain Topography, 2016, 29, 67-81.	1.8	7
108	Monitoring and Promoting Old Age Health Stabilization in Real Life. GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry, 2016, 29, 173-175.	0.5	1

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109	Multi-domain training enhances attentional control.. Psychology and Aging, 2016, 31, 390-408.	1.6	31
110	Cerebellar gray and white matter volume and their relation with age and manual motor performance in healthy older adults. Human Brain Mapping, 2015, 36, 2352-2363.	3.6	40
111	Multi-domain training in healthy old age: Hotel Plastisse as an iPad-based serious game to systematically compare multi-domain and single-domain training. Frontiers in Aging Neuroscience, 2015, 7, 137.	3.4	31
112	Time course of EEG oscillations during repeated listening of a well-known aria. Frontiers in Human Neuroscience, 2015, 9, 401.	2.0	39
113	When Problem Size Matters: Differential Effects of Brain Stimulation on Arithmetic Problem Solving and Neural Oscillations. PLoS ONE, 2015, 10, e0120665.	2.5	26
114	Structural Brain Correlates Associated with Professional Handball Playing. PLoS ONE, 2015, 10, e0124222.	2.5	42
115	Arousal, valence, and the uncanny valley: psychophysiological and self-report findings. Frontiers in Psychology, 2015, 6, 981.	2.1	36
116	Prefrontal Thinning Affects Functional Connectivity and Regional Homogeneity of the Anterior Cingulate Cortex in Depression. Neuropsychopharmacology, 2015, 40, 1640-1648.	5.4	47
117	Associations between age, motor function, and resting state sensorimotor network connectivity in healthy older adults. NeuroImage, 2015, 108, 47-59.	4.2	90
118	Brain size, sex, and the aging brain. Human Brain Mapping, 2015, 36, 150-169.	3.6	173
119	Reliability and statistical power analysis of cortical and subcortical FreeSurfer metrics in a large sample of healthy elderly. NeuroImage, 2015, 108, 95-109.	4.2	85
120	MRI with and without a high-density EEG capâ€"what makes the difference?. NeuroImage, 2015, 106, 189-197.	4.2	22
121	Reduced neural differentiation between self-referential cognitive and emotional processes in women with borderline personality disorder. Psychiatry Research - Neuroimaging, 2015, 233, 314-323.	1.8	13
122	Absolute Pitch: Evidence for Early Cognitive Facilitation during Passive Listening as Revealed by Reduced P3a Amplitudes. Journal of Cognitive Neuroscience, 2015, 27, 623-637.	2.3	34
123	Bridging the Gap between Perceptual and Cognitive Perspectives on Absolute Pitch. Journal of Neuroscience, 2015, 35, 366-371.	3.6	48
124	Music and the heart. European Heart Journal, 2015, 36, 3043-3049.	2.2	153
125	Sex beyond the genitalia: The human brain mosaic. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15468-15473.	7.1	493
126	Neural circuits of emotion regulation: a comparison of mindfulness-based and cognitive reappraisal strategies. European Archives of Psychiatry and Clinical Neuroscience, 2015, 265, 45-55.	3.2	81

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127	Musik und HirnplastizitÃt. , 2015, , 49-67.		4
128	Die Wirkungen von Computerspielen auf das Fahrverhalten. , 2015, , 239-254.		2
129	Developmental dyscalculia: a dysconnection syndrome?. Brain Structure and Function, 2014, 219, 1721-33.	2.3	54
130	Dissociative Part-Dependent Resting-State Activity in Dissociative Identity Disorder: A Controlled fMRI Perfusion Study. PLoS ONE, 2014, 9, e98795.	2.5	62
131	Perceptual discrimination difficulty and familiarity in the Uncanny Valley: more like a Ã¢â‚¬Å“Happy ValleyÃ¢â‚¬Â• Frontiers in Psychology, 2014, 5, 1219.	2.1	52
132	Intracerebral functional connectivity-guided neurofeedback as a putative rehabilitative intervention for ameliorating auditory-related dysfunctions. Frontiers in Psychology, 2014, 5, 1227.	2.1	11
133	The drive-wise project: driving simulator training increases real driving performance in healthy older drivers. Frontiers in Aging Neuroscience, 2014, 6, 85.	3.4	73
134	Intraindividual variability across cognitive tasks as a potential marker for prodromal AlzheimerÃ¢â‚¬â„¢s disease. Frontiers in Aging Neuroscience, 2014, 6, 147.	3.4	30
135	The hypothesis of neuronal interconnectivity as a function of brain sizeÃ¢â‚¬â„¢a general organization principle of the human connectome. Frontiers in Human Neuroscience, 2014, 8, 915.	2.0	113
136	Treatment of visuospatial neglect with biparietal tDCS and cognitive training: a single-case study. Frontiers in Systems Neuroscience, 2014, 8, 180.	2.5	31
137	Auditory Evoked Responses in Musicians during Passive Vowel Listening Are Modulated by Functional Connectivity between Bilateral Auditory-related Brain Regions. Journal of Cognitive Neuroscience, 2014, 26, 2750-2761.	2.3	43
138	Music and Language Expertise Influence the Categorization of Speech and Musical Sounds: Behavioral and Electrophysiological Measurements. Journal of Cognitive Neuroscience, 2014, 26, 2356-2369.	2.3	30
139	Mindfulness and emotion regulationâ€"an fMRI study. Social Cognitive and Affective Neuroscience, 2014, 9, 776-785.	3.0	238
140	Structural brain correlates of delay of gratification in the elderly.. Behavioral Neuroscience, 2014, 128, 134-145.	1.2	30
141	Being in two minds: The neural basis of experiencing action crises in personal long-term goals. Social Neuroscience, 2014, 9, 1-14.	1.3	14
142	Increased cortical thickness in a frontoparietal network in social anxiety disorder. Human Brain Mapping, 2014, 35, 2966-2977.	3.6	72
143	Longitudinal reliability of tractâ€based spatial statistics in diffusion tensor imaging. Human Brain Mapping, 2014, 35, 4544-4555.	3.6	76
144	Cortical Surface Area and Cortical Thickness Demonstrate Differential Structural Asymmetry in Auditory-Related Areas of the Human Cortex. Cerebral Cortex, 2014, 24, 2541-2552.	2.9	86

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145	Comparing tomographic EEG neurofeedback and EMG biofeedback in children with attention-deficit/hyperactivity disorder. Biological Psychology, 2014, 95, 31-44.	2.2	60
146	Altered emotion processing circuits during the anticipation of emotional stimuli in women with borderline personality disorder. European Archives of Psychiatry and Clinical Neuroscience, 2014, 264, 45-60.	3.2	39
147	Processing demands upon cognitive, linguistic, and articulatory functions promote grey matter plasticity in the adult multilingual brain: Insights from simultaneous interpreters. Cortex, 2014, 54, 179-189.	2.4	73
148	Identifying with fictive characters: structural brain correlates of the personality trait â€˜fantasyâ€™. Social Cognitive and Affective Neuroscience, 2014, 9, 1836-1844.	3.0	20
149	The architecture of the chess player×³s brain. Neuropsychologia, 2014, 62, 152-162.	1.6	55
150	The brain of synesthetes. Rendiconti Lincei, 2014, 25, 309-316.	2.2	8
151	Verbal learning in the context of background music: no influence of vocals and instrumentals on verbal learning. Behavioral and Brain Functions, 2014, 10, 10.	3.3	27
152	The relation between performance in on-road driving, cognitive screening and driving simulator in older healthy drivers. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 22, 232-244.	3.7	51
153	On the planum temporale lateralization in suprasegmental speech perception: Evidence from a study investigating behavior, structure, and function. Human Brain Mapping, 2014, 35, 1779-1789.	3.6	20
154	Equal painÃ¢â‚¬â€Unequal fear response: enhanced susceptibility of tooth pain to fear conditioning. Frontiers in Human Neuroscience, 2014, 8, 526.	2.0	19
155	Evidence of frontotemporal structural hypoconnectivity in social anxiety disorder: A quantitative fiber tractography study. Human Brain Mapping, 2013, 34, 437-446.	3.6	72
156	Right and left perisylvian cortex and left inferior frontal cortex mediate sentenceâ€level rhyme detection in spoken language as revealed by sparse fMRI. Human Brain Mapping, 2013, 34, 3182-3192.	3.6	13
157	Dissociative part-dependent biopsychosocial reactions to backward masked angry and neutral faces: An fMRI study of dissociative identity disorder. NeuroImage: Clinical, 2013, 3, 54-64.	2.7	59
158	The encoding of vowels and temporal speech cues in the auditory cortex of professional musicians: An EEG study. Neuropsychologia, 2013, 51, 1608-1618.	1.6	73
159	Effects of simultaneously performed cognitive and physical training in older adults. BMC Neuroscience, 2013, 14, 103.	1.9	133
160	The desire for healthy limb amputation: structural brain correlates and clinical features of xenomelia. Brain, 2013, 136, 318-329.	7.6	102
161	Effects of working memory training in young and old adults. Memory and Cognition, 2013, 41, 611-624.	1.6	88
162	General emotion processing in social anxiety disorder: Neural issues of cognitive control. Psychiatry Research - Neuroimaging, 2013, 212, 108-115.	1.8	25

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163	The effects of working memory training on functional brain network efficiency. Cortex, 2013, 49, 2424-2438.	2.4	153
164	Increased cortical surface area of the left planum temporale in musicians facilitates the categorization of phonetic and temporal speech sounds. Cortex, 2013, 49, 2812-2821.	2.4	74
165	Differential EMG Biofeedback for Children with ADHD: A Control Method for Neurofeedback Training with a Case Illustration. Applied Psychophysiology Biofeedback, 2013, 38, 109-119.	1.7	14
166	Activation of Serotonin 2A Receptors Underlies the Psilocybin-Induced Effects on Â Oscillations, N170 Visual-Evoked Potentials, and Visual Hallucinations. Journal of Neuroscience, 2013, 33, 10544-10551.	3.6	240
167	Resting-State Functional and Structural Connectivity Within an Insulaâ€“Amygdala Route Specifically Index State and Trait Anxiety. Biological Psychiatry, 2013, 73, 85-92.	1.3	224
168	An Empirical Reevaluation of Absolute Pitch: Behavioral and Electrophysiological Measurements. Journal of Cognitive Neuroscience, 2013, 25, 1736-1753.	2.3	30
169	Musicianship Boosts Perceptual Learning of Pseudoword-Chimeras: An Electrophysiological Approach. Brain Topography, 2013, 26, 110-125.	1.8	33
170	Enhancing performance in numerical magnitude processing and mental arithmetic using transcranial Direct Current Stimulation (tDCS). Frontiers in Human Neuroscience, 2013, 7, 244.	2.0	77
171	Musical expertise affects attention as reflected by auditory-evoked gamma-band activity in human EEG. NeuroReport, 2013, 24, 445-450.	1.2	8
172	The Timing of Neurophysiological Events in Synesthesia. , 2013, , .		2
173	Perceptual and Category Processing of the Uncanny Valley Hypothesis' Dimension of Human Likeness: Some Methodological Issues. Journal of Visualized Experiments, 2013, , .	0.3	17
174	Category Processing and the human likeness dimension of the Uncanny Valley Hypothesis: Eye-Tracking Data. Frontiers in Psychology, 2013, 4, 108.	2.1	49
175	Processing of self-initiated speech-sounds is different in musicians. Frontiers in Human Neuroscience, 2013, 7, 41.	2.0	6
176	Development of ERN together with an internal model of audio-motor associations. Frontiers in Human Neuroscience, 2013, 7, 471.	2.0	15
177	The Problem of Thresholding in Small-World Network Analysis. PLoS ONE, 2013, 8, e53199.	2.5	101
178	Tracing Toothache Intensity in the Brain. Journal of Dental Research, 2012, 91, 156-160.	5.2	33
179	Diminished Whole-brain but Enhanced Peri-sylvian Connectivity in Absolute Pitch Musicians. Journal of Cognitive Neuroscience, 2012, 24, 1447-1461.	2.3	60
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