

# Lutz Jncke

## 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.

439  
papers

24,534  
citations

85  
h-index

138  
g-index

599  
ext. papers

27,737  
ext. citations

4.2  
avg. IF

7.15  
L-index

#	Paper	IF	Citations
439	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.. <i>Frontiers in Human Neuroscience</i> , <b>2022</b> , 16, 767789	3.3	
438	Normal amygdala morphology in dissociative identity disorder.. <i>BJPsych Open</i> , <b>2022</b> , 8, e70	5	0
437	A Longitudinal Resting-state Functional Connectivity Analysis on Trauma Exposure and Post-traumatic Stress Symptoms in Older Individuals. <i>NeuroImage: Clinical</i> , <b>2022</b> , 103052	5.3	
436	Clinical correlates and prognostic impact of neurologic disorders in Takotsubo syndrome. <i>Scientific Reports</i> , <b>2021</b> , 11, 23555	4.9	1
435	Associations of subclinical cerebral small vessel disease and processing speed in non-demented subjects: A 7-year study.. <i>NeuroImage: Clinical</i> , <b>2021</b> , 32, 102884	5.3	2
434	Stimulationsverfahren und Neurofeedback: neue Möglichkeiten zur Therapie und Rehabilitation?. <i>PiD - Psychotherapie Im Dialog</i> , <b>2021</b> , 22, 39-44	0.2	
433	The utility of the Structured Inventory of Malingered Symptomatology for distinguishing individuals with Dissociative Identity Disorder (DID) from DID simulators and healthy controls. <i>Högre Utbildning</i> , <b>2021</b> , 12, 1984048	5	0
432	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. <i>Journal of Psychopharmacology</i> , <b>2021</b> , 35, 100-102	4.6	
431	Behavioral and Neurophysiological Markers of ADHD in Children, Adolescents, and Adults: A Large-Scale Clinical Study. <i>Clinical EEG and Neuroscience</i> , <b>2021</b> , 52, 311-320	2.3	2
430	Generalizing Longitudinal Age Effects on Brain Structure - A Two-Study Comparison Approach. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 635687	3.3	0
429	Working Memory Training Effects on White Matter Integrity in Young and Older Adults. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 605213	3.3	3
428	The left dorsal stream causally mediates the tone labeling in absolute pitch. <i>Annals of the New York Academy of Sciences</i> , <b>2021</b> , 1500, 122-133	6.5	0
427	A neurostructural biomarker of dissociative amnesia: a hippocampal study in dissociative identity disorder. <i>Psychological Medicine</i> , <b>2021</b> , 1-9	6.9	3
426	Neural response during temporal - and spatial luminance contrast processing and its manifestation in the blood-oxygen-level-dependent-signal in striate and extra-striate cortex. <i>NeuroReport</i> , <b>2021</b> , 32, 994-1000	1.7	
425	Fractional Anisotropy in Selected, Motor-Related White Matter Tracts and Its Cross-Sectional and Longitudinal Associations With Motor Function in Healthy Older Adults. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 621263	3.3	0
424	Resting-state functional connectivity in patients with a complex PTSD or complex dissociative disorder before and after inpatient trauma treatment. <i>Brain and Behavior</i> , <b>2021</b> , 11, e02200	3.4	2
423	Are language skills related to structural features in Broca's and Wernicke's area?. <i>European Journal of Neuroscience</i> , <b>2021</b> , 53, 1124-1135	3.5	1

422	Solve problems and answer questions instead of following trends!. <i>Laterality</i> , <b>2021</b> , 26, 319-322	2	1
421	Auditory aversion in absolute pitch possessors. <i>Cortex</i> , <b>2021</b> , 135, 285-297	3.8	2
420	Object-Location Memory Training in Older Adults Leads to Greater Deactivation of the Dorsal Default Mode Network. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 623766	3.3	
419	Phonetic Skills and Verbal Memory Capacity Predict Phonetic-based Word Learning: An Event-related Potential Study. <i>Journal of Cognitive Neuroscience</i> , <b>2021</b> , 33, 2093-2108	3.1	0
418	Age-related decline in the brain: a longitudinal study on inter-individual variability of cortical thickness, area, volume, and cognition. <i>NeuroImage</i> , <b>2021</b> , 240, 118370	7.9	3
417	Does local cerebellar volume predict treatment success in anorexia nervosa?. <i>Psychiatry Research - Neuroimaging</i> , <b>2021</b> , 317, 111355	2.9	3
416	Musical Expertise Shapes Functional and Structural Brain Networks Independent of Absolute Pitch Ability. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 2496-2511	6.6	3
415	Performance of three freely available methods for extracting white matter hyperintensities: FreeSurfer, UBO Detector, and BIANCA. <i>Human Brain Mapping</i> , <b>2021</b> ,	5.9	2
414	Age influences structural brain restoration during weight gain therapy in anorexia nervosa. <i>Translational Psychiatry</i> , <b>2020</b> , 10, 126	8.6	11
413	Functional dedifferentiation of associative resting state networks in older adults - A longitudinal study. <i>NeuroImage</i> , <b>2020</b> , 214, 116680	7.9	20
412	The importance of the fibre tracts connecting the planum temporale in absolute pitch possessors. <i>NeuroImage</i> , <b>2020</b> , 211, 116590	7.9	8
411	Diminished large-scale functional brain networks in absolute pitch during the perception of naturalistic music and audiobooks. <i>NeuroImage</i> , <b>2020</b> , 216, 116513	7.9	8
410	Takotsubo syndrome: How the broken heart deals with negative emotions. <i>NeuroImage: Clinical</i> , <b>2020</b> , 25, 102124	5.3	3
409	Brain aging and psychometric intelligence: a longitudinal study. <i>Brain Structure and Function</i> , <b>2020</b> , 225, 519-536	4	11
408	Decline Variability of Cortical and Subcortical Regions in Aging: A Longitudinal Study. <i>Frontiers in Human Neuroscience</i> , <b>2020</b> , 14, 363	3.3	4
407	Heterogeneity of EEG resting-state brain networks in absolute pitch. <i>International Journal of Psychophysiology</i> , <b>2020</b> , 157, 11-22	2.9	2
406	Longitudinal functional brain network reconfiguration in healthy aging. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 4829-4845	5.9	14
405	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. <i>Frontiers in Human Neuroscience</i> , <b>2020</b> , 14, 585505	3.3	1

404	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. <i>Brain and Language</i> , <b>2019</b> , 198, 104678	2.9	9
403	A reevaluation of the electrophysiological correlates of absolute pitch and relative pitch: No evidence for an absolute pitch-specific negativity. <i>International Journal of Psychophysiology</i> , <b>2019</b> , 137, 21-31	2.9	8
402	Generalizing age effects on brain structure and cognition: A two-study comparison approach. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 2305-2319	5.9	14
401	Neural patterns reveal single-trial information on absolute pitch and relative pitch perception. <i>NeuroImage</i> , <b>2019</b> , 200, 132-141	7.9	7
400	10Kin1day: A Bottom-Up Neuroimaging Initiative. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 425	4.1	6
399	Brain structure and cognitive ability in healthy aging: a review on longitudinal correlated change. <i>Reviews in the Neurosciences</i> , <b>2019</b> , 31, 1-57	4.7	62
398	Dissociating refreshing and elaboration and their impacts on memory. <i>NeuroImage</i> , <b>2019</b> , 199, 585-597	7.9	8
397	Functional reorganization of neural networks involved in emotion regulation following trauma therapy for complex trauma disorders. <i>NeuroImage: Clinical</i> , <b>2019</b> , 23, 101807	5.3	10
396	Altered limbic and autonomic processing supports brain-heart axis in Takotsubo syndrome. <i>European Heart Journal</i> , <b>2019</b> , 40, 1183-1187	9.5	88
395	Decrypting the electrophysiological individuality of the human brain: Identification of individuals based on resting-state EEG activity. <i>NeuroImage</i> , <b>2019</b> , 197, 470-481	7.9	18
394	Absolute and relative pitch processing in the human brain: neural and behavioral evidence. <i>Brain Structure and Function</i> , <b>2019</b> , 224, 1723-1738	4	13
393	Early tone categorization in absolute pitch musicians is subserved by the right-sided perisylvian brain. <i>Scientific Reports</i> , <b>2019</b> , 9, 1419	4.9	11
392	Neurocardiology: the brain-heart connection in Takotsubo syndrome. <i>European Heart Journal</i> , <b>2019</b> , 40, 3062-3063	9.5	4
391	Weak correlations between body height and several brain metrics in healthy elderly subjects. <i>European Journal of Neuroscience</i> , <b>2019</b> , 50, 3578-3589	3.5	5
390	Lagged Coupled Changes Between White Matter Microstructure and Processing Speed in Healthy Aging: A Longitudinal Investigation. <i>Frontiers in Aging Neuroscience</i> , <b>2019</b> , 11, 298	5.3	9
389	Scaling of brain compartments to brain size. <i>NeuroReport</i> , <b>2019</b> , 30, 573-579	1.7	14
388	Resting-state electroencephalogram in learning-disabled children: power and connectivity analyses. <i>NeuroReport</i> , <b>2019</b> , 30, 95-101	1.7	5
387	Univariate and multivariate analyses of functional networks in absolute pitch. <i>NeuroImage</i> , <b>2019</b> , 189, 241-247	7.9	18

386	Aiding the diagnosis of dissociative identity disorder: pattern recognition study of brain biomarkers. <i>British Journal of Psychiatry</i> , <b>2019</b> , 215, 536-544	5.4	20
385	Training emotion regulation through real-time fMRI neurofeedback of amygdala activity. <i>NeuroImage</i> , <b>2019</b> , 184, 687-696	7.9	59
384	Shades of grey; Assessing the contribution of the magno- 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 VEP. <i>Brain and Behavior</i> , <b>2018</b> , 8, e00860	3.4	4
383	The neural underpinnings of music listening under different attention conditions. <i>NeuroReport</i> , <b>2018</b> , 29, 594-604	1.7	10
382	Takotsubo Syndrome Associated With Structural Brain Alterations of the Limbic System. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 809-811	15.1	41
381	Neurodevelopmental origins of abnormal cortical morphology in dissociative identity disorder. <i>Acta Psychiatrica Scandinavica</i> , <b>2018</b> , 137, 157-170	6.5	19
380	Relationships between music training, speech processing, and word learning: a network perspective. <i>Annals of the New York Academy of Sciences</i> , <b>2018</b> , 1423, 10	6.5	11
379	Top-down signal transmission and global hyperconnectivity in auditory-visual synesthesia: Evidence from a functional EEG resting-state study. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 522-531	5.9	8
378	Stimuli to differentiate the neural response at successive stages of visual processing using the VEP from human visual cortex. <i>Journal of Neuroscience Methods</i> , <b>2018</b> , 293, 199-209	3	4
377	Emotion introspection and regulation in depression. <i>Psychiatry Research - Neuroimaging</i> , <b>2018</b> , 277, 7-13	2.9	8
376	Identification of individual subjects on the basis of their brain anatomical features. <i>Scientific Reports</i> , <b>2018</b> , 8, 5611	4.9	30
375	The Effect of Background Music on Inhibitory Functions: An ERP Study. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 293	3.3	11
374	The interpreter's brain during rest - Hyperconnectivity in the frontal lobe. <i>PLoS ONE</i> , <b>2018</b> , 13, e0202600	3.7	7
373	Electrophysiological Correlates of Absolute Pitch in a Passive Auditory Oddball Paradigm: a Direct Replication Attempt. <i>ENeuro</i> , <b>2018</b> , 5,	3.9	11
372	Integrating Cytoarchitectonic Probabilities with MRI-Based Signal Intensities to Calculate Regional Volumes of Interest. <i>Neuroinformatics</i> , <b>2018</b> , 121-129	0.4	7
371	Increased functional connectivity in the ventral and dorsal streams during retrieval of novel words in professional musicians. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 722-734	5.9	12
370	Sex/gender differences in cognition, neurophysiology, and neuroanatomy. <i>F1000Research</i> , <b>2018</b> , 7,	3.6	90
369	Expertise-related functional brain network efficiency in healthy older adults. <i>BMC Neuroscience</i> , <b>2017</b> , 18, 2	3.2	13

368	Fornix Under Water? Ventricular Enlargement Biases Forniceal Diffusion Magnetic Resonance Imaging Indices in Anorexia Nervosa. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2017</b> , 2, 430-437	3.4	20
367	Pattern of structural brain changes in social anxiety disorder after cognitive behavioral group therapy: a longitudinal multimodal MRI study. <i>Molecular Psychiatry</i> , <b>2017</b> , 22, 1164-1171	15.1	29
366	Prefrontal Cortical Thickening after Mild Traumatic Brain Injury: A One-Year Magnetic Resonance Imaging Study. <i>Journal of Neurotrauma</i> , <b>2017</b> , 34, 3270-3279	5.4	20
365	Takotsubo Syndrome - Predictable from brain imaging data. <i>Scientific Reports</i> , <b>2017</b> , 7, 5434	4.9	23
364	Functional indexes of reactive cognitive control: ERPs in cued go/no-go tasks. <i>Psychophysiology</i> , <b>2017</b> , 54, 1899-1915	4.1	14
363	Facial emotion recognition deficits in children with and without attention deficit hyperactivity disorder: a behavioral and neurophysiological approach. <i>NeuroReport</i> , <b>2017</b> , 28, 917-921	1.7	5
362	Faster native vowel discrimination learning in musicians is mediated by an optimization of mnemonic functions. <i>Neuropsychologia</i> , <b>2017</b> , 104, 64-75	3.2	9
361	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. <i>Neuropsychologia</i> , <b>2017</b> , 106, 398-406	3.2	3
360	Age prediction on the basis of brain anatomical measures. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 997-1008	5.9	57
359	Sexual dimorphism of Broca's region: More gray matter in female brains in Brodmann areas 44 and 45. <i>Journal of Neuroscience Research</i> , <b>2017</b> , 95, 626-632	4.4	22
358	Regional cerebellar volumetric correlates of manual motor and cognitive function. <i>Brain Structure and Function</i> , <b>2017</b> , 222, 1929-1944	4	25
357	Executive Functions in Healthy Older Adults Are Differentially Related to Macro- and Microstructural White Matter Characteristics of the Cerebral Lobes. <i>Frontiers in Aging Neuroscience</i> , <b>2017</b> , 9, 373	5.3	22
356	Functional and Structural Network Recovery after Mild Traumatic Brain Injury: A 1-Year Longitudinal Study. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 280	3.3	36
355	Task Context Influences Brain Activation during Music Listening. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 342	3.3	8
354	Lehrbuch Kognitive Neurowissenschaften <b>2017</b> ,		8
353	Altered processing of self-related emotional stimuli in mindfulness meditators. <i>NeuroImage</i> , <b>2016</b> , 124, 958-967	7.9	34
352	The Influence of Pre-stimulus EEG Activity on Reaction Time During a Verbal Sternberg Task is Related to Musical Expertise. <i>Brain Topography</i> , <b>2016</b> , 29, 67-81	4.3	4
351	To see or not to see; the ability of the magno- and parvocellular response to manifest itself in the VEP determines its appearance to a pattern reversing and pattern onset stimulus. <i>Brain and Behavior</i> , <b>2016</b> , 6, e00552	3.4	6

350	Structural and functional connectivity in healthy aging: Associations for cognition and motor behavior. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 855-67	5.9	41
349	Professional Music Training and Novel Word Learning: From Faster Semantic Encoding to Longer-lasting Word Representations. <i>Journal of Cognitive Neuroscience</i> , <b>2016</b> , 28, 1584-602	3.1	45
348	The "silent" imprint of musical training. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 536-46	5.9	54
347	Interhemispheric transcallosal connectivity between the left and right planum temporale predicts musicianship, performance in temporal speech processing, and functional specialization. <i>Brain Structure and Function</i> , <b>2016</b> , 221, 331-44	4	27
346	Older but still fluent? Insights from the intrinsically active baseline configuration of the aging brain using a data driven graph-theoretical approach. <i>NeuroImage</i> , <b>2016</b> , 127, 346-362	7.9	15
345	Resting State EEG in Children With Learning Disabilities: An Independent Component Analysis Approach. <i>Clinical EEG and Neuroscience</i> , <b>2016</b> , 47, 24-36	2.3	13
344	Monitoring and Promoting Old Age Health Stabilization in Real Life. <i>GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry</i> , <b>2016</b> , 29, 173-175	1	1
343	Multi-domain training enhances attentional control. <i>Psychology and Aging</i> , <b>2016</b> , 31, 390-408	3.6	21
342	Effect of Aging on ERP Components of Cognitive Control. <i>Frontiers in Aging Neuroscience</i> , <b>2016</b> , 8, 69	5.3	50
341	Small Changes, But Huge Impact? The Right Anterior Insula's Loss of Connection Strength during the Transition of Old to Very Old Age. <i>Frontiers in Aging Neuroscience</i> , <b>2016</b> , 8, 86	5.3	16
340	Strength of Structural and Functional Frontostriatal Connectivity Predicts Self-Control in the Healthy Elderly. <i>Frontiers in Aging Neuroscience</i> , <b>2016</b> , 8, 307	5.3	10
339	Connectomic and Surface-Based Morphometric Correlates of Acute Mild Traumatic Brain Injury. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 127	3.3	22
338	Different Resting State EEG Features in Children from Switzerland and Saudi Arabia. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 559	3.3	12
337	Driving Simulator Training Is Associated with Reduced Inhibitory Workload in Older Drivers. <i>Geriatrics (Switzerland)</i> , <b>2016</b> , 1,	2.2	11
336	Detection of independent functional networks during music listening using electroencephalogram and sLORETA-ICA. <i>NeuroReport</i> , <b>2016</b> , 27, 455-61	1.7	11
335	Neural correlates of mindful self-awareness in mindfulness meditators and meditation-naïve subjects revisited. <i>Biological Psychology</i> , <b>2016</b> , 119, 21-30	3.2	20
334	Happy heart syndrome: role of positive emotional stress in takotsubo syndrome. <i>European Heart Journal</i> , <b>2016</b> , 37, 2823-2829	9.5	93
333	Independent component processes underlying emotions during natural music listening. <i>Social Cognitive and Affective Neuroscience</i> , <b>2016</b> , 11, 1428-39	4	30

332	MRI with and without a high-density EEG cap--what makes the difference?. <i>NeuroImage</i> , <b>2015</b> , 106, 189-97.9	17
331	Reduced neural differentiation between self-referential cognitive and emotional processes in women with borderline personality disorder. <i>Psychiatry Research - Neuroimaging</i> , <b>2015</b> , 233, 314-23	2.9 12
330	Absolute pitch: evidence for early cognitive facilitation during passive listening as revealed by reduced P3a amplitudes. <i>Journal of Cognitive Neuroscience</i> , <b>2015</b> , 27, 623-37	3.1 22
329	Bridging the gap between perceptual and cognitive perspectives on absolute pitch. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 366-71	6.6 33
328	Music and the heart. <i>European Heart Journal</i> , <b>2015</b> , 36, 3043-9	9.5 90
327	Sex beyond the genitalia: The human brain mosaic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 15468-73	11.5 335
326	Neural circuits of emotion regulation: a comparison of mindfulness-based and cognitive reappraisal strategies. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2015</b> , 265, 45-55	5.1 61
325	Cerebellar gray and white matter volume and their relation with age and manual motor performance in healthy older adults. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 2352-63	5.9 34
324	Multi-domain training in healthy old age: Hotel Plastisse as an iPad-based serious game to systematically compare multi-domain and single-domain training. <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 137	5.3 22
323	Time course of EEG oscillations during repeated listening of a well-known aria. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 401	3.3 30
322	When problem size matters: differential effects of brain stimulation on arithmetic problem solving and neural oscillations. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120665	3.7 20
321	Structural brain correlates associated with professional handball playing. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124222	3.7 29
320	Arousal, valence, and the uncanny valley: psychophysiological and self-report findings. <i>Frontiers in Psychology</i> , <b>2015</b> , 6, 981	3.4 23
319	Prefrontal thinning affects functional connectivity and regional homogeneity of the anterior cingulate cortex in depression. <i>Neuropsychopharmacology</i> , <b>2015</b> , 40, 1640-8	8.7 39
318	Associations between age, motor function, and resting state sensorimotor network connectivity in healthy older adults. <i>NeuroImage</i> , <b>2015</b> , 108, 47-59	7.9 61
317	Brain size, sex, and the aging brain. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 150-69	5.9 143
316	Reliability and statistical power analysis of cortical and subcortical FreeSurfer metrics in a large sample of healthy elderly. <i>NeuroImage</i> , <b>2015</b> , 108, 95-109	7.9 67
315	Musik und Hirnplastizität <b>2015</b> , 49-67	2



314	Die Wirkungen von Computerspielen auf das Fahrverhalten <b>2015</b> , 239-254		
313	Altered emotion processing circuits during the anticipation of emotional stimuli in women with borderline personality disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2014</b> , 264, 45-60	5.1	31
312	Processing demands upon cognitive, linguistic, and articulatory functions promote grey matter plasticity in the adult multilingual brain: Insights from simultaneous interpreters. <i>Cortex</i> , <b>2014</b> , 54, 179-89	3.8	57
311	Identifying with fictive characters: structural brain correlates of the personality trait 'fantasy'. <i>Social Cognitive and Affective Neuroscience</i> , <b>2014</b> , 9, 1836-44	4	14
310	The architecture of the chess player's brain. <i>Neuropsychologia</i> , <b>2014</b> , 62, 152-62	3.2	40
309	The brain of synesthetes. <i>Rendiconti Lincei</i> , <b>2014</b> , 25, 309-316	1.7	8
308	Verbal learning in the context of background music: no influence of vocals and instrumentals on verbal learning. <i>Behavioral and Brain Functions</i> , <b>2014</b> , 10, 10	4.1	15
307	The relation between performance in on-road driving, cognitive screening and driving simulator in older healthy drivers. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , <b>2014</b> , 22, 232-244	4.5	37
306	On the planum temporale lateralization in suprasegmental speech perception: evidence from a study investigating behavior, structure, and function. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 1779-89	5.9	16
305	Equal pain-Unequal fear response: enhanced susceptibility of tooth pain to fear conditioning. <i>Frontiers in Human Neuroscience</i> , <b>2014</b> , 8, 526	3.3	16
304	Developmental dyscalculia: a dysconnection syndrome?. <i>Brain Structure and Function</i> , <b>2014</b> , 219, 1721-33	4	39
303	Dissociative part-dependent resting-state activity in dissociative identity disorder: a controlled fMRI perfusion study. <i>PLoS ONE</i> , <b>2014</b> , 9, e98795	3.7	42
302	Perceptual discrimination difficulty and familiarity in the Uncanny Valley: more like a "Happy Valley". <i>Frontiers in Psychology</i> , <b>2014</b> , 5, 1219	3.4	40
301	Intracerebral functional connectivity-guided neurofeedback as a putative rehabilitative intervention for ameliorating auditory-related dysfunctions. <i>Frontiers in Psychology</i> , <b>2014</b> , 5, 1227	3.4	7
300	The drive-wise project: driving simulator training increases real driving performance in healthy older drivers. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 85	5.3	51
299	Intraindividual variability across cognitive tasks as a potential marker for prodromal Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 147	5.3	24
298	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> , <b>2014</b> , 8, 915	3.3	93
297	Treatment of visuospatial neglect with biparietal tDCS and cognitive training: a single-case study. <i>Frontiers in Systems Neuroscience</i> , <b>2014</b> , 8, 180	3.5	28

296	Auditory evoked responses in musicians during passive vowel listening are modulated by functional connectivity between bilateral auditory-related brain regions. <i>Journal of Cognitive Neuroscience</i> , <b>2014</b> , 26, 2750-61	3.1	37
295	Music and language expertise influence the categorization of speech and musical sounds: behavioral and electrophysiological measurements. <i>Journal of Cognitive Neuroscience</i> , <b>2014</b> , 26, 2356-69 <sup>3.1</sup>		24
294	Mindfulness and emotion regulation--an fMRI study. <i>Social Cognitive and Affective Neuroscience</i> , <b>2014</b> , 9, 776-85	4	174
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136	Neural correlates of a 'pessimistic' attitude when anticipating events of unknown emotional valence. <i>NeuroImage</i> , <b>2007</b> , 34, 848-58	7.9	68
135	Comparison of "silent" clustered and sparse temporal fMRI acquisitions in tonal and speech perception tasks. <i>NeuroImage</i> , <b>2007</b> , 37, 1195-204	7.9	40

134	Modulation of anticipatory emotion and perception processing by cognitive control. <i>NeuroImage</i> , <b>2007</b> , 37, 652-62	7.9	129
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131	Functional Neuroanatomy of Mental Rotation Performance <b>2007</b> , 183-207		5
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1	Performance of three freely available methods for extracting white matter hyperintensities: FreeSurfer, UBO Detector and BIANCA		3