Nonparametric analysis of statistic images from functional mapping experiments

#	Paper	IF	Citations
756	Intra and intersubject registration in multimodal brain imaging utility for source analysis.		
755	A Comparison of Four Pixel-Based Analyses for PET. **1996**, 384-IV		
754	Nonparametric Analysis of Statistic Images from Functional Mapping Experiments. **1996**, 334-341		1
753	Schizophrenia and cognitive dysmetria: a positron-emission tomography study of dysfunctional prefrontal-thalamic-cerebellar circuitry. **1996**, 93, 9985-90		517
752	An assessment of functional-anatomical variability in neuroimaging studies. **1996**, 4, 122-39		29
751	Tests for comparing images based on randomization and permutation methods. *Journal of Cerebral Blood Flow and Metabolism*, **1996**, 16, 1271-9	7.3	72
750	Assumptions and validations of statistical tests for functional neuroimaging. **1996**, 8, 2232-5		10
749	The analysis of functional magnetic resonance images. **1997**, 6, 215-37		22
748	Combining spatial extent and peak intensity to test for activations in functional imaging. *NeuroImage*, **1997**, 5, 83-96	7.9	584
747	Brainvox: an interactive, multimodal visualization and analysis system for neuroanatomical imaging. *NeuroImage*, **1997**, 5, 13-30	7.9	228
746	A method to determine activation thresholds in fMRI paradigms. **1997**, 75, 15-22		7
745	XVIIIth International Symposium on Cerebral Blood Flow and Metabolism. *Journal of Cerebral Blood Flow and Metabolism*, **1997**, 17, S1-S806	7.3	
744	Performance of a randomization test for single-subject (15)O-water PET activation studies. *Journal of Cerebral Blood Flow and Metabolism*, **1997**, 17, 1033-9	7.3	13
743	Time series analysis in the time domain and resampling methods for studies of functional magnetic resonance brain imaging. **1997**, 5, 168-93		88
742	An overview and some new developments in the statistical analysis of PET and fMRI data. **1997**, 5, 254-8		49
741	Holmes and Watson on 'Sherlock'. *Journal of Cerebral Blood Flow and Metabolism*, **1998**, 18, 697-8	7.3	6
740	An efficient procedure for permutation tests in imaging research. **1998**, 31, 164-71		4

721	Global, voxel, and cluster tests, by theory and permutation, for a difference between two groups of structural MR images of the brain. **1999**, 18, 32-42		839
720	A direct comparison between whole-brain PET and BOLD fMRI measurements of single-subject activation response. *NeuroImage*, **1999**, 9, 430-8	7.9	33
719	Analysis of brain activation patterns using a 3-D scale-space primal sketch. **1999**, 7, 166-94		19
718	Statistical limitations in functional neuroimaging. I. Non-inferential methods and statistical models. **1999**, 354, 1239-60		93
717	Statistical limitations in functional neuroimaging. II. Signal detection and statistical inference. **1999**, 354, 1261-81		137
716	Regional neural dysfunctions in chronic schizophrenia studied with positron emission tomography. **2000**, 157, 542-8		114
715	Robust estimation of the probabilities of 3-D clusters in functional brain images: application to PET data. **2000**, 9, 143-55		12
714	Resampling as a cluster validation technique in fMRI. **2000**, 11, 228-31		22
713	Visual exploration of form and position with identical stimuli: functional anatomy with PET. **2000**, 11, 104-16		10
712	Modeling dynamic PET-SPECT studies in the wavelet domain. *Journal of Cerebral Blood Flow and Metabolism*, **2000**, 20, 879-93	7.3	50
711	Statistical modeling of positron emission tomography images in wavelet space. *Journal of Cerebral Blood Flow and Metabolism*, **2000**, 20, 1610-8	7.3	32
710	Association analysis of GABAAbeta2 and gamma2 gene polymorphisms with event-related prefrontal activity in man. **2000**, 107, 513-8		20
709	A Bayesian Time-Course Model for Functional Magnetic Resonance Imaging Data. **2000**, 95, 691-703		57
708	Data mining in brain imaging. **2000**, 9, 359-94		38
707	A voxel-by-voxel analysis of [18F]setoperone PET data shows no substantial serotonin 5-HT(2A) receptor changes in schizophrenia. **2000**, 99, 123-35		39
706	Voxel-based morphometry--the methods. *NeuroImage*, **2000**, 11, 805-21	7.9	6561
705	Selection of an adaptive test statistic for use with multiple comparison analyses of neuroimaging data. *NeuroImage*, **2000**, 12, 219-29	7.9	7
704	Comment. **2000**, 95, 709-711		

703	Steady-state visually evoked potential topography during the continuous performance task in normal controls and schizophrenia. *Clinical Neurophysiology*, **2000**, 111, 850-7	4.3	43
702	Reduced event-related current density in the anterior cingulate cortex in schizophrenia. *NeuroImage*, **2001**, 13, 589-600	7.9	145
701	Estimation of the number of "true" null hypotheses in multivariate analysis of neuroimaging data. *NeuroImage*, **2001**, 13, 920-30	7.9	60
700	A voxel-based morphometric study of ageing in 465 normal adult human brains. *NeuroImage*, **2001**, 14, 21-36	7.9	3734
699	Nonadditive two-way ANOVA for event-related fMRI data analysis. *NeuroImage*, **2001**, 14, 406-16	7.9	6
698	Evidence for premotor cortex activity during dynamic visuospatial imagery from single-trial functional magnetic resonance imaging and event-related slow cortical potentials. *NeuroImage*, **2001**, 14, 268-83	7.9	148
697	Why voxel-based morphometry should be used. *NeuroImage*, **2001**, 14, 1238-43	7.9	669
696	Low-resolution brain electromagnetic tomography revealed simultaneously active frontal and parietal sleep spindle sources in the human cortex. **2001**, 103, 581-92		189
695	Neural networks for internal reading and visual imagery of reading: a PET study. **2001**, 54, 319-28		19
694	Steady state visually evoked potential (SSVEP) topography in a graded working memory task. **2001**, 42, 219-32		104
693	Limbic activity in slow wave sleep in a healthy subject with alpha-delta sleep. **2001**, 107, 165-71		10
692	Permutation testing made practical for functional magnetic resonance image analysis. **2001**, 20, 243-8		33
691	Evaluation of using absolute versus relative base level when analyzing brain activation images using the scale-space primal sketch. **2001**, 5, 89-110		3
690	Colored noise and computational inference in neurophysiological (fMRI) time series analysis: resampling methods in time and wavelet domains. **2001**, 12, 61-78		498
689	Low-resolution electrical tomography of the brain during psychometrically matched verbal and spatial cognitive tasks. **2001**, 12, 144-56		15
688	Neural basis of novel and well-learned recognition memory in schizophrenia: a positron emission tomography study. **2001**, 12, 219-31		63
687	A 4D approach to the analysis of functional brain images: application to FMRI data. **2001**, 13, 185-98		4
686	Localization of MDMA-induced brain activity in healthy volunteers using low resolution brain electromagnetic tomography (LORETA). **2001**, 14, 152-65		139

685	Brain sources of EEG gamma frequency during volitionally meditation-induced, altered states of consciousness, and experience of the self. **2001**, 108, 111-21		115
684	Neural mechanisms of anhedonia in schizophrenia: a PET study of response to unpleasant and pleasant odors. **2001**, 286, 427-35		192
683	EEG source localization and global dimensional complexity in high- and low- hypnotizable subjects: a pilot study. **2001**, 44, 192-8		31
682	Relations between hypometabolism in the posterior association neocortex and hippocampal atrophy in Alzheimer's disease: a PET/MRI correlative study. **2001**, 71, 315-21		52
681	Anterior cingulate activity as a predictor of degree of treatment response in major depression: evidence from brain electrical tomography analysis. **2001**, 158, 405-15		529
680	Subpopulation Brain Atlases. **2002**, 757-796		5
679	Brain electrical tomography in depression: the importance of symptom severity, anxiety, and melancholic features. **2002**, 52, 73-85		149
678	A voxel-based morphometric study of ageing in 465 normal adult human brains.		27
677	The quantitative evaluation of functional neuroimaging experiments: the NPAIRS data analysis framework. *NeuroImage*, **2002**, 15, 747-71	7.9	210
676	Thresholding of statistical maps in functional neuroimaging using the false discovery rate. *NeuroImage*, **2002**, 15, 870-8	7.9	3909
675	Statistical parametric mapping of hypoxic tissue identified by [(18)F]fluoromisonidazole and positron emission tomography following acute ischemic stroke. *NeuroImage*, **2002**, 16, 425-33	7.9	31
674	Combining brains: a survey of methods for statistical pooling of information. *NeuroImage*, **2002**, 16, 538-50	7.9	166
673	Affective judgments of faces modulate early activity (approximately 160 ms) within the fusiform gyri. *NeuroImage*, **2002**, 16, 663-77	7.9	235
672	Meta-analysis of the functional neuroanatomy of single-word reading: method and validation. *NeuroImage*, **2002**, 16, 765-80	7.9	1170
671	Spatial Normalization and Averaging of Diffusion Tensor MRI Data Sets. *NeuroImage*, **2002**, 17, 592-617	7.9	189
670	Frontal and temporal dysfunction of auditory stimulus processing in schizophrenia. *NeuroImage*, **2002**, 17, 110-27	7.9	114
669	Voxel-based morphometric analysis of gray matter in first episode schizophrenia. *NeuroImage*, **2002**, 17, 1711-9	7.9	306
668	[15O]water pharmacokinetics: influence of age and gender in normal subjects. **2002**, 4, 129-37		4

667   Dysfunctional prefrontal attention-related resources in schizophrenia localised by the low-resolution electromagnetic tomography (LORETA). **2002**, 1232, 639-643   1

666   Prefrontal structures involved in the continuous attention test performance as localised by the low-resolution electromagnetic tomography. **2002**, 1232, 433-437

665   Source localization of brain electric activity during positive, neutral and negative emotional states. **2002**, 1232, 165-173   6

664   Cortical hypoactivation during resting EEG in schizophrenics but not in depressives and schizotypal subjects as revealed by low resolution electromagnetic tomography (LORETA). **2002**, 116, 95-111   95

663   Functional magnetic resonance imaging of brain activity in the visual oddball task. **2002**, 14, 347-56   118

662   An evaluation of methods for detecting brain activations from functional neuroimages. **2002**, 25, 69-88   39

661   Characterizing instantaneous phase relationships in whole-brain fMRI activation data. **2002**, 16, 71-80   24

660   Statistical parametric mapping of LORETA using high density EEG and individual MRI: application to mismatch negativities in schizophrenia. **2002**, 17, 168-78   90

659   Nonparametric permutation tests for functional neuroimaging: a primer with examples. **2002**, 15, 1-25   4470

658   A framework for computational anatomy. **2002**, 5, 13-34   109

657   Electrophysiological measurements of anterior cingulate function. **2002**, 109, 977-88   95

656   Randomization-based hypothesis testing from event-related data. **2004**, 16, 225-32   20

655   Brain electrical dysfunction of the anterior cingulate in schizophrenic patients. **2003**, 124, 37-48   46

654   Evoked potentials to auditory movement sensation in duplex perception. *Clinical Neurophysiology*, **2003**, 114, 1316-31   4.3   35

653   Statistical tests for fMRI based on experimental randomization. *NeuroImage*, **2003**, 19, 226-32   7.9   27

652   Group imaging of task-related changes in cortical synchronisation using nonparametric permutation testing. *NeuroImage*, **2003**, 19, 1589-601   7.9   200

651   Preparatory visuo-motor cortical network of the contingent negative variation estimated by current density. *NeuroImage*, **2003**, 20, 216-24   7.9   139

650   Functional neuroanatomy of learned helplessness. *NeuroImage*, **2003**, 20, 927-39   7.9   29

649   Validating cluster size inference: random field and permutation methods. *NeuroImage*, **2003**, 20, 2343-56   7.9   399

648   Anatomy of an error: ERP and fMRI. **2003**, 64, 119-41   246

647   Steady-state visual evoked potentials reveal frontally-mediated working memory activity in humans. **2003**, 342, 191-5   75

646   The relationship between reaction time, error rate and anterior cingulate cortex activity. **2003**, 47, 175-83   45

645   Low-resolution electromagnetic tomography (LORETA) of cerebral activity in chronic depressive disorder. **2003**, 49, 175-85   79

644   Controlling the familywise error rate in functional neuroimaging: a comparative review. **2003**, 12, 419-46   872

643   Multiresolution fMRI activation detection using translation invariant wavelet transform and statistical analysis based on resampling. **2003**, 22, 302-14   14

642   Parametric and Non-Parametric Analysis of QEEG: Normative Database Comparisons in Electroencephalography, a Simulation Study on Accuracy. **2003**, 7, 1-29   10

641   MRI study of white matter diffusion anisotropy in schizophrenia. **2003**, 14, 2025-9   220

640   Monte-Carlo based neuroimaging set-level multiple-comparison correction. **2003**, 36, 11-15   1

639   Spatiotemporal localization of significant activation in MEG using permutation tests. **2003**, 18, 512-23   22

638   Dynamics of gray matter loss in Alzheimer's disease. **2003**, 23, 994-1005   862

637   Nonparametric Permutation Tests for Functional Neuroimaging. **2004**, 887-910   10

636   A source-imaging (low-resolution electromagnetic tomography) study of the EEGs from unmedicated men with schizophrenia. **2004**, 130, 171-90   12

635   A source-imaging (low-resolution electromagnetic tomography) study of the EEGs from unmedicated males with depression. **2004**, 130, 191-207   61

634   Source localization (LORETA) of the error-related-negativity (ERN/Ne) and positivity (Pe). **2004**, 20, 294-9   304

633   The RUMBA software: tools for neuroimaging data analysis. **2004**, 2, 71-100   2

632   Modelling of cardiac imaging data with spatial correlation. **2004**, 23, 965-85   8

631	Comparison of simultaneously recorded [H2(15)O]-PET and LORETA during cognitive and pharmacological activation. **2004**, 22, 83-96		43
630	Permutation tests for factorially designed neuroimaging experiments. **2004**, 22, 193-205		80
629	Discrimination between Alzheimer's dementia and controls by automated analysis of statistical parametric maps of /sup 99m/Tc-HMPAO-SPECT volumes.		
628	Effects of the South American psychoactive beverage ayahuasca on regional brain electrical activity in humans: a functional neuroimaging study using low-resolution electromagnetic tomography. **2004**, 50, 89-101		86
627	An evaluation of thresholding techniques in fMRI analysis. *NeuroImage*, **2004**, 22, 95-108	7.9	95
626	Nonstationary cluster-size inference with random field and permutation methods. *NeuroImage*, **2004**, 22, 676-87	7.9	582
625	Estimation and classification of fMRI hemodynamic response patterns. *NeuroImage*, **2004**, 22, 804-14	7.9	23
624	Comparing methods of analyzing fMRI statistical parametric maps. *NeuroImage*, **2004**, 22, 1203-13	7.9	49
623	Combining voxel intensity and cluster extent with permutation test framework. *NeuroImage*, **2004**, 23, 54-63	7.9	197
622	Improving permutation test power for group analysis of spatially filtered MEG data. *NeuroImage*, **2004**, 23, 983-96	7.9	89
621	Analysis of cerebral infarction pattern in computed tomography images of patients with internal carotid artery stenosis. **2004**, 39, 462-9		1
620	A Monte Carlo analysis technique applied to cerebral perfusion SPECT scans. **2005**, 26, 809-18		
619	Applying resampling methods to neurophysiological data. **2005**, 145, 133-44		22
618	Hemispheric lateralization patterns and psychotic experiences in healthy subjects. **2005**, 139, 141-54		14
617	Electrophysiological and neuropsychological analysis of a delirious state: the role of the anterior cingulate gyrus. **2005**, 138, 171-81		27
616	Diminished prefrontal brain function in adults with psychopathology in childhood related to attention deficit hyperactivity disorder. **2005**, 138, 157-69		70
615	ALE meta-analysis: controlling the false discovery rate and performing statistical contrasts. **2005**, 25, 155-64		697
614	Changes in negative symptoms and EEG in schizophrenic patients after repetitive transcranial magnetic stimulation (rTMS): an open-label pilot study. **2005**, 112, 955-67		51

613	Spatio-temporal modeling of localized brain activity. **2005**, 6, 558-75		28
612	A new statistical approach for quantifying change in series of retinal and optic nerve head topography images. **2005**, 46, 1659-67		58
611	Combining magnetoencephalography and functional magnetic resonance imaging. **2005**, 68, 121-48		11
610	A Gja1 missense mutation in a mouse model of oculodentodigital dysplasia. **2005**, 132, 4375-86		199
609	Interictal slow-wave focus in left medial temporal lobe during bilateral electroconvulsive therapy. **2005**, 52, 183-9		6
608	Anterior limbic alpha-like activity: a low resolution electromagnetic tomography study with lorazepam challenge. *Clinical Neurophysiology*, **2005**, 116, 886-94	4.3	17
607	Spatial-anatomical mapping of NoGo-P3 in the offspring of alcoholics: evidence of cognitive and neural disinhibition as a risk for alcoholism. *Clinical Neurophysiology*, **2005**, 116, 1049-61	4.3	60
606	The composite N1 component to gaps in noise. *Clinical Neurophysiology*, **2005**, 116, 2648-63	4.3	49
605	How reliable are fMRI-EEG studies of epilepsy? A nonparametric approach to analysis validation and optimization. *NeuroImage*, **2005**, 24, 192-9	7.9	35
604	Resampling fMRI time series. *NeuroImage*, **2005**, 25, 859-67	7.9	32
603	The effect of filter size on VBM analyses of DT-MRI data. *NeuroImage*, **2005**, 26, 546-54	7.9	503
602	Quantile estimation to derive optimized test thresholds for random field statistics. *NeuroImage*, **2005**, 27, 116-29	7.9	2
601	Classifying brain states and determining the discriminating activation patterns: Support Vector Machine on functional MRI data. *NeuroImage*, **2005**, 28, 980-95	7.9	536
600	Auditory sensory gating deficit in abstinent chronic alcoholics. **2005**, 375, 174-7		26
599	Evidence for a close relationship between conscious effort and anterior cingulate cortex activity. **2005**, 56, 65-80		117
598	Regression analysis utilizing subjective evaluation of emotional experience in PET studies on emotions. **2005**, 15, 142-54		8
597	Fast, visual specialization for reading in English revealed by the topography of the N170 ERP response. **2005**, 1, 13		174
596	A non-parametric approach for co-analysis of multi-modal brain imaging data: application to Alzheimer's disease. *NeuroImage*, **2006**, 30, 768-79	7.9	40

595	Three-dimensional locations and boundaries of motor and premotor cortices as defined by functional brain imaging: a meta-analysis. *NeuroImage*, **2006**, 31, 1453-74	7.9	476
594	An fMRI task battery for assessing hemispheric language dominance in children. *NeuroImage*, **2006**, 32, 400-10	7.9	61
593	A cluster mass permutation test with contextual enhancement for fMRI activation detection. *NeuroImage*, **2006**, 32, 654-64	7.9	9
592	Quantitative EEG and low resolution electromagnetic tomography (LORETA) imaging of patients with persistent auditory hallucinations. **2006**, 83, 111-9		66
591	Wavelet-based bootstrapping of spatial patterns on a finite lattice. **2006**, 50, 2399-2421		6
590	Persistent dysfunctional frontal lobe activation in former smokers. **2006**, 186, 191-200		54
589	Neural correlates of monocular and binocular depth cues based on natural images: a LORETA analysis. **2006**, 46, 3373-80		14
588	Pixel-based statistical analysis by a 3D clustering approach: application to autoradiographic images. **2006**, 83, 18-28		10
587	Location of brain rhythms and their modulation by preparatory attention estimated by current density. **2006**, 1107, 151-60		36
586	Motion correction and the use of motion covariates in multiple-subject fMRI analysis. **2006**, 27, 779-88		267
585	Combined permutation test and mixed-effect model for group average analysis in fMRI. **2006**, 27, 402-10		33
584	Permutation testing of orthogonal factorial effects in a language-processing experiment using fMRI. **2006**, 27, 425-33		28
583	Dynamically spreading frontal and cingulate deficits mapped in adolescents with schizophrenia. **2006**, 63, 25-34		135
582	Functional organization of perisylvian activation during presentation of sentences in preverbal infants. **2006**, 103, 14240-5		268
581	Robust statistics for nonparametric group analysis in fMRI.		8
580	Classification of movement intention by spatially filtered electromagnetic inverse solutions. **2006**, 51, 1971-89		66
579	LORETA: An Attempt at a Simple Answer to a Complex Controversy. **2006**, 10, 57-72		4
578	Cuttlefish responses to visual orientation of substrates, water flow and a model of motion camouflage. **2006**, 209, 4717-23		34

577	Impaired tuning of a fast occipito-temporal response for print in dyslexic children learning to read. **2007**, 130, 3200-10		142
576	Genetic variations of the NR3A subunit of the NMDA receptor modulate prefrontal cerebral activity in humans. **2007**, 19, 59-68		32
575	Power in Voxel-based lesion-symptom mapping. **2007**, 19, 1067-80		221
574	A Monte-Carlo Simulation Package, Multiple Comparison Corrections and Power Estimation Incorporating Secondary Supportive Evidence. **2007**,		
573	Effect of low-frequency rTMS on electromagnetic tomography (LORETA) and regional brain metabolism (PET) in schizophrenia patients with auditory hallucinations. **2007**, 55, 132-42		78
572	Rostral anterior cingulate cortex activity in the theta band predicts response to antidepressive medication. **2007**, 38, 78-81		75
571	Cortical activation during sequences of memory-guided saccades: a functional MRI study. **2007**, 18, 451-5		10
570	The cortical generators of P3a and P3b: a LORETA study. **2007**, 73, 220-30		177
569	Mismatch negativity impairment associated with alcohol consumption in chronic alcoholics: a scalp current density study. **2007**, 65, 51-7		11
568	Low-resolution electromagnetic brain tomography (LORETA) of monozygotic twins discordant for chronic fatigue syndrome. *NeuroImage*, **2007**, 34, 1438-42	7.9	20
567	Analysis of a large fMRI cohort: Statistical and methodological issues for group analyses. *NeuroImage*, **2007**, 35, 105-20	7.9	413
566	Rank-order versus mean based statistics for neuroimaging. *NeuroImage*, **2007**, 35, 1531-7	7.9	81
565	Dynamics of hemispheric activity during metaphor comprehension: electrophysiological measures. *NeuroImage*, **2007**, 36, 222-31	7.9	55
564	Power and sample size calculation for neuroimaging studies by non-central random field theory. *NeuroImage*, **2007**, 37, 721-30	7.9	76
563	Mixed-effect statistics for group analysis in fMRI: a nonparametric maximum likelihood approach. *NeuroImage*, **2007**, 38, 501-10	7.9	21
562	Neural correlates of coherent audiovisual motion perception. **2007**, 17, 1433-43		83
561	FuRIA: A Novel Feature Extraction Algorithm for Brain-Computer Interfaces using Inverse Models and Fuzzy Regions of Interest. **2007**,		4
560	Statistical approaches to functional neuroimaging data. **2007**, 17, 441-58, viii		19

| 541 | Brain electrical source differences between depressed subjects and healthy controls. **2008**, 21, 138-46 | 64 |

| 540 | Self-perception and experiential schemata in the addicted brain. **2008**, 33, 223-38 | 9 |

| 539 | Split-test Bonferroni correction for QEEG statistical maps. **2008**, 98, 295-303 | 19 |

| 538 | Low frequency BOLD fluctuations during resting wakefulness and light sleep: a simultaneous EEG-fMRI study. **2008**, 29, 671-82 | 441 |

| 537 | An evaluation of spatial thresholding techniques in fMRI analysis. **2008**, 29, 1379-89 | 26 |

| 536 | Pedobarographic statistical parametric mapping (pSPM): a pixel-level approach to foot pressure image analysis. **2008**, 41, 2136-43 | 60 |

| 535 | Assessing the significance of pedobarographic signals using random field theory. **2008**, 41, 2465-73 | 17 |

| 534 | Distribution-based minimum-norm estimation with multiple trials. **2008**, 38, 1203-10 | 1 |

| 533 | Comprehensive mathematical simulation of functional magnetic resonance imaging time series including motion-related image distortion and spin saturation effect. **2008**, 26, 147-59 | 7 |

| 532 | Pain influences hedonic assessment of visual inputs. **2008**, 27, 2219-28 | 19 |

| 531 | Bilateral Filtering of fMRI Data. **2008**, 2, 891-896 | 17 |

| 530 | Equivalent is not equal: primary motor cortex (MI) activation during motor imagery and execution of sequential movements. **2008**, 1226, 134-43 | 53 |

| 529 | Anxiety and oscillatory responses to emotional facial expressions. **2008**, 1227, 174-88 | 53 |

| 528 | Response inhibition in Huntington's disease-a study using ERPs and sLORETA. **2008**, 46, 1290-7 | 74 |

| 527 | Electrophysiological basis for the ability of olanzapine to improve verbal memory and functional outcome in patients with schizophrenia: a LORETA analysis of P300. **2008**, 101, 320-30 | 41 |

| 526 | Corpus callosum shape alterations in individuals prior to the onset of psychosis. **2008**, 103, 1-10 | 67 |

| 525 | Evoked potentials to nociceptive stimuli delivered by CO2 or Nd:YAP lasers. *Clinical Neurophysiology*, **2008**, 119, 2615-22 | 4.3 | 63 |

| 524 | Reduced 5-HT2A receptor binding in patients with mild cognitive impairment. **2008**, 29, 1830-8 | 91 |

505	Progression: things we need to remember but often forget to think about. **2008**, 85, 380-5	1
504	Category specificity in early perception: face and word n170 responses differ in both lateralization and habituation properties. **2008**, 2, 18	95
503	Spatiotemporal convergence of semantic processing in reading and speech perception. **2009**, 29, 9271-80	46
502	New blockwise permutation tests preserving exchangeability in functional neuroimaging. **2009**, 2009, 6977-80	1
501	Corpus callosum size and shape in established bipolar affective disorder. **2009**, 43, 838-45	30
500	Corpus callosum size and shape in first-episode affective and schizophrenia-spectrum psychosis. **2009**, 173, 77-82	49
499	Corpus callosum size and shape in individuals with current and past depression. **2009**, 115, 411-20	37
498	Influence of ocular filtering in EEG data on the assessment of drug-induced effects on the brain. **2009**, 30, 1470-80	6
497	Spatiotemporal mapping of sex differences during attentional processing. **2009**, 30, 2997-3008	16
496	Quantitative diffusion tensor imaging in amyotrophic lateral sclerosis: revisited. **2009**, 30, 3657-75	115
495	Characteristic changes in brain electrical activity due to chronic hypoxia in patients with obstructive sleep apnea syndrome (OSAS): a combined EEG study using LORETA and omega complexity. **2009**, 22, 185-90	15
494	Persistent neural activity in the human frontal cortex when maintaining space that is off the map. **2009**, 12, 1463-8	45
493	Hypothesis testing, power and sample size determination for between group comparisons in fMRI experiments. **2009**, 6, 133-146	10
492	Temporal sequence of hemispheric network activation during semantic processing: a functional network connectivity analysis. **2009**, 70, 238-46	25
491	Brain oscillations during semantic evaluation of speech. **2009**, 70, 259-66	92
490	Corpus callosum size and shape alterations in individuals with bipolar disorder and their first-degree relatives. **2009**, 33, 1050-7	57
489	Movement related cortical potentials in a face naming task: influence of the tip-of-the-tongue state. **2009**, 72, 235-45	8
488	Error detection failures in schizophrenia: ERPs and FMRI. **2009**, 73, 109-17	47

487 FuRIA: An Inverse Solution Based Feature Extraction Algorithm Using Fuzzy Set Theory for BrainComputer Interfaces. **2009**, 57, 3253-3263 — 36

486 Sensory gating and source analysis of the auditory P50 in low and high suppressors. *NeuroImage*, **2009**, 44, 992-1000 — 7.9 — 48

485 Laser-evoked potential P2 single-trial amplitudes covary with the fMRI BOLD response in the medial pain system and interconnected subcortical structures. *NeuroImage*, **2009**, 45, 917-26 — 7.9 — 51

484 Components of variance in brain perfusion and the design of studies of individual differences: the baseline study. *NeuroImage*, **2009**, 46, 12-22 — 7.9 — 26

483 COMT genotype and resting brain perfusion in children. *NeuroImage*, **2009**, 48, 217-22 — 7.9 — 10

482 Source localization of error negativity: additional source for corrected errors. **2009**, 20, 1144-8 — 15

481 Confabulations on episodic and semantic memory questions are associated with different neurologic backgrounds in Alzheimer disease. **2009**, 22, 81-8 — 17

480 Functional MRI comparison of passive and active movement: possible inhibitory role of supplementary motor area. **2009**, 20, 1351-5 — 20

479 Shared cortical systems for processing of horizontal and vertical sound motion. **2010**, 103, 1896-904 — 21

478 Reduced parahippocampal and lateral temporal GABAA-[11C]flumazenil binding in major depression: preliminary results. **2010**, 37, 565-74 — 69

477 Shifting from region of interest (ROI) to voxel-based analysis in human brain mapping. **2010**, 40, 1857-67 — 40

476 Functional connectivity in the rat brain: a complex network approach. **2010**, 28, 1200-9 — 28

475 Respiratory sinus arrhythmia feedback in a stressed population exposed to a brief stressor demonstrated by quantitative EEG and sLORETA. **2010**, 35, 219-28 — 19

474 A statistical method (cross-validation) for bone loss region detection after spaceflight. **2010**, 33, 163-9 — 3

473 Gender differences in brain functional organization during verbal and spatial cognitive challenges. **2010**, 23, 199-204 — 12

472 Reduced NoGo-anteriorisation during continuous performance test in deletion syndrome 22q11.2. **2010**, 44, 768-74 — 6

471 EEG source analysis of chronic fatigue syndrome. **2010**, 181, 155-64 — 15

470 Corpus callosum morphology and relationship to orbitofrontal and lateral ventricular volume in teenagers with first-presentation borderline personality disorder. **2010**, 183, 30-7 — 12

469	Endogenous plasma estradiol in healthy men is positively correlated with cerebral cortical serotonin 2A receptor binding. **2010**, 35, 1311-20		31
468	A LORETA study of mental time travel: similar and distinct electrophysiological correlates of re-experiencing past events and pre-experiencing future events. **2010**, 19, 1037-44		13
467	False discovery rate and permutation test: an evaluation in ERP data analysis. **2010**, 29, 63-74		85
466	Native language experience influences the topography of the mismatch negativity to speech. **2010**, 4, 212		12
465	During visual word recognition, phonology is accessed within 100 ms and may be mediated by a speech production code: evidence from magnetoencephalography. **2010**, 30, 5229-33		93
464	Neural time course of echo suppression in humans. **2010**, 30, 1905-13		9
463	Neurofeedback Efficacy in the Treatment of a 43-Year-Old Female Stroke Victim: A Case Study. **2010**, 14, 107-121		15
462	Task usefulness affects perception of rivalrous images. **2010**, 21, 1886-93		16
461	Development of visual expertise for reading: rapid emergence of visual familiarity for an artificial script. **2010**, 35, 404-22		61
460	Baseline brain perfusion and the serotonin transporter promoter polymorphism. **2010**, 67, 317-22		33
459	Spontaneous brain activity and EEG microstates. A novel EEG/fMRI analysis approach to explore resting-state networks. *NeuroImage*, **2010**, 52, 1149-61	7.9	235
458	Determining the optimal level of smoothing in cortical thickness analysis: a hierarchical approach based on sequential statistical thresholding. *NeuroImage*, **2010**, 52, 158-71	7.9	37
457	The neural correlates of tinnitus-related distress. *NeuroImage*, **2010**, 52, 470-80	7.9	278
456	Diffusion tensor imaging reveals regional differences in the cervical spinal cord in amyotrophic lateral sclerosis. *NeuroImage*, **2010**, 53, 576-83	7.9	67
455	The P300 event-related potential and smoking--a population-based case-control study. **2010**, 77, 166-75		29
454	Age-dependent impairment of auditory processing under spatially focused and divided attention: an electrophysiological study. **2010**, 83, 27-36		25
453	White matter microstructural differences linked to left perisylvian language network in children with dyslexia. **2010**, 46, 739-49		122
452	Event-related components of the punishment and reward sensitivity. *Clinical Neurophysiology*, **2010**, 121, 60-76	4.3	70

| 433 | LORETA analysis of three-dimensional distribution of band activity in schizophrenia: relation to negative symptoms. **2011**, 70, 442-8 | | 20 |

| 432 | Altered neural activity and emotions following right middle cerebral artery stroke. **2011**, 20, 94-104 | | 19 |

| 431 | Age-related differences in working memory performance in a 2-back task. **2011**, 2, 186 | | 40 |

| 430 | Statistical Analysis of fMRI Time-Series: A Critical Review of the GLM Approach. **2011**, 5, 28 | | 151 |

| 429 | Assessing the influence of different ROI selection strategies on functional connectivity analyses of fMRI data acquired during steady-state conditions. *PLoS ONE*, **2011**, 6, e14788 | 3.7 | 48 |

| 428 | Resting state functional connectivity in perfusion imaging: correlation maps with BOLD connectivity and resting state perfusion. *PLoS ONE*, **2011**, 6, e27050 | 3.7 | 50 |

| 427 | Brain activity patterns in stable and progressive mild cognitive impairment during working memory as evidenced by magnetoencephalography. **2011**, 28, 202-9 | | 18 |

| 426 | Auditory motion perception: onset position and motion direction are encoded in discrete processing stages. **2011**, 33, 1339-50 | | 28 |

| 425 | Cortical curvature analysis in MRI-negative temporal lobe epilepsy: a surrogate marker for malformations of cortical development. **2011**, 52, 28-34 | | 9 |

| 424 | CYP2D6 in the brain: genotype effects on resting brain perfusion. **2011**, 16, 237, 333-41 | | 39 |

| 423 | Electrophysiological correlates of non-symbolic numerical magnitude processing in children: joining the dots. **2011**, 49, 3238-46 | | 13 |

| 422 | ODVBA: optimally-discriminative voxel-based analysis. **2011**, 30, 1441-54 | | 28 |

| 421 | Source localization of late electrocortical positivity during symptom provocation in spider phobia: an sLORETA study. **2011**, 1397, 10-8 | | 40 |

| 420 | The adaptive pattern of the auditory N1 peak revealed by standardized low-resolution brain electromagnetic tomography. **2011**, 1400, 42-52 | | 22 |

| 419 | An iterative two-threshold analysis for single-subject functional MRI of the human brain. **2011**, 21, 2369-87 | | 4 |

| 418 | EEG low-resolution brain electromagnetic tomography (LORETA) in Huntington's disease. **2011**, 258, 840-54 | | 20 |

| 417 | Intracerebral source generators characterizing concentrative meditation. **2011**, 12, 141-50 | | 9 |

| 416 | DTI-MR tractography of white matter damage in stroke patients with neglect. **2011**, 208, 491-505 | | 101 |

415	Thickness profile generation for the corpus callosum using Laplace's equation. **2011**, 32, 2131-40		22
414	Perception and action selection dissociate human ventral and dorsal cortex. **2011**, 23, 1494-506		16
413	Size and shape of the corpus callosum in adult Niemann-Pick type C reflects state and trait illness variables. *American Journal of Neuroradiology*, **2011**, 32, 1340-6	4.4	40
412	Resting-state EEG source localization and functional connectivity in schizophrenia-like psychosis of epilepsy. *PLoS ONE*, **2011**, 6, e27863	3.7	121
411	Fast random permutation tests enable objective evaluation of methods for single-subject FMRI analysis. **2011**, 2011, 627947		17
410	Diurnal pattern of seizures outside the hospital: is there a time of circadian vulnerability?. **2012**, 78, 1488-92		39
409	Multivoxel pattern analysis for FMRI data: a review. **2012**, 2012, 961257		95
408	One-dimensional statistical parametric mapping in Python. **2012**, 15, 295-301		263
407	Visual field progression in glaucoma: estimating the overall significance of deterioration with permutation analyses of pointwise linear regression (PoPLR). **2012**, 53, 6776-84		58
406	Significance analysis and statistical dissection of variably methylated regions. **2012**, 13, 166-78		75
405	Effortful listening: the processing of degraded speech depends critically on attention. **2012**, 32, 14010-21		227
404	Neural correlates of changes in a visual search task due to cognitive training in seniors. **2012**, 2012, 529057		34
403	Parametric [11C]flumazenil images. **2012**, 33, 422-30		9
402	Multiple testing corrections, nonparametric methods, and random field theory. *NeuroImage*, **2012**, 62, 811-5	7.9	136
401	Electrophysiological correlates of planning and monitoring in first episode schizophrenia. **2012**, 203, 83-8		6
400	Left- and right-hemisphere forms of phonological alexia. **2012**, 29, 531-49		2
399	Pupil dilation deconvolution reveals the dynamics of attention at high temporal resolution. **2012**, 109, 8456-60		201
398	Effects of CPAP-therapy on brain electrical activity in obstructive sleep apneic patients: a combined EEG study using LORETA and Omega complexity : reversible alterations of brain activity in OSAS. **2012**, 25, 450-60		6

397	Learning to see words. **2012**, 63, 31-53		93
396	Quantitative EEG and LORETA: valuable tools in discerning FTD from AD?. **2012**, 33, 2343-56		37
395	Brain activity while reading words and pseudo-words: a comparison between dyslexic and fluent readers. **2012**, 84, 270-6		11
394	Hemispheric asymmetries and cognitive flexibility: an ERP and sLORETA study. **2012**, 78, 148-55		17
393	Neurocognitive deficits in male alcoholics: an ERP/sLORETA analysis of the N2 component in an equal probability Go/NoGo task. **2012**, 89, 170-82		82
392	Correlation and heritability in neuroimaging datasets: a spatial decomposition approach with application to an fMRI study of twins. *NeuroImage*, **2012**, 59, 1132-42	7.9	10
391	Activation likelihood estimation meta-analysis revisited. *NeuroImage*, **2012**, 59, 2349-61	7.9	853
390	Morphology-based hypothesis testing in discrete random fields: a non-parametric method to address the multiple-comparison problem in neuroimaging. *NeuroImage*, **2012**, 59, 3061-74	7.9	1
389	The general linear model and fMRI: does love last forever?. *NeuroImage*, **2012**, 62, 871-80	7.9	84
388	Effect of paroxetine and bupropion on human resting brain perfusion: an arterial spin labeling study. *NeuroImage*, **2012**, 61, 773-9	7.9	16
387	Measuring and comparing brain cortical surface area and other areal quantities. *NeuroImage*, **2012**, 61, 1428-43	7.9	117
386	Combined structural and resting-state functional MRI analysis of sexual dimorphism in the young adult human brain: an MVPA approach. *NeuroImage*, **2012**, 61, 931-40	7.9	86
385	Does parametric fMRI analysis with SPM yield valid results? An empirical study of 1484 rest datasets. *NeuroImage*, **2012**, 61, 565-78	7.9	94
384	Increasing power for voxel-wise genome-wide association studies: the random field theory, least square kernel machines and fast permutation procedures. *NeuroImage*, **2012**, 63, 858-73	7.9	63
383	Input permutation method to detect active voxels in fMRI study. **2012**, 30, 1495-504		5
382	Functional connectivity measured with magnetoencephalography identifies persons with HIV disease. **2012**, 6, 366-73		27
381	Suppression of aversive memories associates with changes in early and late stages of neurocognitive processing. **2012**, 50, 2839-2848		30
380	Functional Neuroimaging in Exercise and Sport Sciences. **2012**,		10

379	Resting-state network disruption and APOE genotype in Alzheimer's disease: a lagged functional connectivity study. *PLoS ONE*, **2012**, 7, e46289	3.7	96
378	Asymmetric cortical surface area and morphology changes in mesial temporal lobe epilepsy with hippocampal sclerosis. **2012**, 53, 995-1003		21
377	Estimation of the spatiotemporal structure of event-related desynchronization and synchronization in magnetoencephalography. **2012**, 205, 148-58		1
376	Corpus callosum size and shape alterations in adolescent inhalant users. **2013**, 18, 851-4		12
375	Harnessing graphics processing units for improved neuroimaging statistics. **2013**, 13, 587-97		2
374	Effects of amisulpride on human resting cerebral perfusion. **2013**, 229, 95-103		12
373	Training of affect recognition in schizophrenia patients with violent offences: behavioral treatment effects and electrophysiological correlates. **2013**, 8, 505-14		19
372	Increased brain responses during subjectively-matched mechanical pain stimulation in fibromyalgia patients as evidenced by MEG. *Clinical Neurophysiology*, **2013**, 124, 752-60	4.3	14
371	Musical experts recruit action-related neural structures in harmonic anomaly detection: evidence for embodied cognition in expertise. **2013**, 83, 190-202		18
370	Imaging genetics towards discovery neuroscience. **2013**, 1, 227-245		15
369	Multiple comparisons permutation test for image based data mining in radiotherapy. **2013**, 8, 293		49
368	Group-level impacts of within- and between-subject hemodynamic variability in fMRI. *NeuroImage*, **2013**, 82, 433-48	7.9	24
367	Optimally-Discriminative Voxel-Based Morphometry significantly increases the ability to detect group differences in schizophrenia, mild cognitive impairment, and Alzheimer's disease. *NeuroImage*, **2013**, 79, 94-110	7.9	26
366	Emotional blunting following left basal ganglia stroke: the role of depression and fronto-limbic functional alterations. **2013**, 211, 148-59		15
365	Neural substrates predicting improvement of tinnitus after cochlear implantation in patients with single-sided deafness. **2013**, 299, 1-9		52
364	Deciding where to look based on visual, auditory, and semantic information. **2013**, 1525, 26-38		4
363	Tinnitus and musical hallucinosis: the same but more. *NeuroImage*, **2013**, 82, 373-83	7.9	49
362	Advanced EEG analysis using threshold-free cluster-enhancement and non-parametric statistics. *NeuroImage*, **2013**, 67, 111-8	7.9	88

361	An electrophysiological investigation of non-symbolic magnitude processing: numerical distance effects in children with and without mathematical learning disabilities. **2013**, 49, 2162-77		21
360	Statistical inference and multiple testing correction in classification-based multi-voxel pattern analysis (MVPA): random permutations and cluster size control. *NeuroImage*, **2013**, 65, 69-82	7.9	228
359	Handedness and corpus callosal morphology in Williams syndrome. **2013**, 25, 253-60		4
358	Ventral and dorsal visual pathways support auditory motion processing in the blind: evidence from electrical neuroimaging. **2013**, 38, 3201-9		9
357	Understanding the Impact of Interruptions on Knowledge Work: An Exploratory Neuroimaging Study. **2013**,		
356	Fundamentals of low-resolution brain electromagnetic tomography. 72-81		1
355	LORETA current source density for duration mismatch negativity and neuropsychological assessment in early schizophrenia. *PLoS ONE*, **2013**, 8, e61152	3.7	34
354	Larger right posterior parietal volume in action video game experts: a behavioral and voxel-based morphometry (VBM) study. *PLoS ONE*, **2013**, 8, e66998	3.7	53
353	A permutation testing framework to compare groups of brain networks. **2013**, 7, 171		46
352	Soldiers and marksmen under fire: monitoring performance with neural correlates of small arms fire localization. **2013**, 7, 67		1
351	On the interpretation of synchronization in EEG hyperscanning studies: a cautionary note. **2013**, 7, 881		99
350	Memory for fearful faces across development: specialization of amygdala nuclei and medial temporal lobe structures. **2013**, 7, 901		6
349	The role of neuroimaging in sleep and sleep disorders. 1-7		
348	Spectral parameters modulation and source localization of blink-related alpha and low-beta oscillations differentiate minimally conscious state from vegetative state/unresponsive wakefulness syndrome. *PLoS ONE*, **2014**, 9, e93252	3.7	20
347	Cluster size statistic and cluster mass statistic: two novel methods for identifying changes in functional connectivity between groups or conditions. *PLoS ONE*, **2014**, 9, e98697	3.7	8
346	Responses to vocalizations and auditory controls in the human newborn brain. *PLoS ONE*, **2014**, 9, e115162	3.7	35
345	A controlled study on the cognitive effect of alpha neurofeedback training in patients with major depressive disorder. **2014**, 8, 296		42
344	Gender differences in the temporal voice areas. **2014**, 8, 228		13

343	Cortical Volume Alterations in Conduct Disordered Adolescents with and without Bipolar Disorder. **2014**, 3, 416-31		4
342	Inter-individual differences in audio-motor learning of piano melodies and white matter fiber tract architecture. **2014**, 35, 2483-97		33
341	Voxelwise lp-ntPET for detecting localized, transient dopamine release of unknown timing: sensitivity analysis and application to cigarette smoking in the PET scanner. **2014**, 35, 4876-91		27
340	The effects of a single session of upper alpha neurofeedback for cognitive enhancement: a sham-controlled study. **2014**, 39, 227-36		18
339	The effects of individual upper alpha neurofeedback in ADHD: an open-label pilot study. **2014**, 39, 193-202		18
338	The spatiotemporal dynamics of early attention processes: a high-resolution electroencephalographic study of N2 subcomponent sources. **2014**, 271, 9-22		25
337	Hyperacusis-associated pathological resting-state brain oscillations in the tinnitus brain: a hyperresponsiveness network with paradoxically inactive auditory cortex. **2014**, 219, 1113-28		44
336	Integration of spoken and written words in beginning readers: a topographic ERP study. **2014**, 27, 786-800		14
335	Differential effects of the ApoE4 genotype on brain structure and function. *NeuroImage*, **2014**, 89, 81-91	7.9	44
334	Incorporating spatial dependence into Bayesian multiple testing of statistical parametric maps in functional neuroimaging. *NeuroImage*, **2014**, 84, 97-112	7.9	15
333	Sex differences in the structural connectome of the human brain. **2014**, 111, 823-8		692
332	Guide to Brain-Computer Music Interfacing. **2014**,		13
331	Top-down Modulation of Neural Activity in Anticipatory Visual Attention: Control Mechanisms Revealed by Simultaneous EEG-fMRI. **2016**, 26, 517-29		89
330	ERP adaptation provides direct evidence for early mirror neuron activation in the inferior parietal lobule. **2014**, 94, 76-83		5
329	Antipsychotic drug-like effects of the selective M4 muscarinic acetylcholine receptor positive allosteric modulator VU0152100. **2014**, 39, 1578-93		81
328	Permutation inference for the general linear model. *NeuroImage*, **2014**, 92, 381-97	7.9	1884
327	Modulation of the N30 generators of the somatosensory evoked potentials by the mirror neuron system. *NeuroImage*, **2014**, 95, 48-60	7.9	22
326	Randomized parcellation based inference. *NeuroImage*, **2014**, 89, 203-15	7.9	11

325	Interactions between visual and semantic processing during object recognition revealed by modulatory effects of age of acquisition. *NeuroImage*, **2014**, 87, 252-64	7.9	15
324	Genetic influence of apolipoprotein E4 genotype on hippocampal morphometry: An N = 725 surface-based Alzheimer's disease neuroimaging initiative study. **2014**, 35, 3903-18		47
323	Spatiotemporal dynamics of early cortical gesture processing. *NeuroImage*, **2014**, 99, 42-9	7.9	6
322	White Matter Alterations in Infants at Risk for Developmental Dyslexia. **2017**, 27, 1027-1036		63
321	Automated and nonbiased regional quantification of functional neuroimaging data. **2015**, 42, 892-9		
320	Statistical mapping of metabolites in the medial wall of the brain: a proton echo planar spectroscopic imaging study. **2015**, 36, 852-61		6
319	Emotional context facilitates cortical prediction error responses. **2015**, 36, 3641-52		20
318	Facing off with unfair others: introducing proxemic imaging as an implicit measure of approach and avoidance during social interaction. *PLoS ONE*, **2015**, 10, e0117532	3.7	47
317	Dysfunctional noise cancelling of the rostral anterior cingulate cortex in tinnitus patients. *PLoS ONE*, **2015**, 10, e0123538	3.7	37
316	Impaired Early Attentional Processes in Parkinson's Disease: A High-Resolution Event-Related Potentials Study. *PLoS ONE*, **2015**, 10, e0131654	3.7	5
315	Neurophysiological effects of sleep deprivation in healthy adults, a pilot study. *PLoS ONE*, **2015**, 10, e0116906	3.7	28
314	Early Activity in Broca's Area During Reading Reflects Fast Access to Articulatory Codes From Print. **2015**, 25, 1715-23		25
313	Bluetooth Communication Interface for EEG Signal Recording in Hyperbaric Chambers. **2015**, 23, 538-47		3
312	Motor network disruption in essential tremor: a functional and effective connectivity study. **2015**, 138, 2934-47		79
311	Predisposition to depression and implicit emotion processing. **2015**, 37, 701-9		8
310	Structural Connectivity Networks of Transgender People. **2015**, 25, 3527-34		59
309	Connectivity-based fixel enhancement: Whole-brain statistical analysis of diffusion MRI measures in the presence of crossing fibres. *NeuroImage*, **2015**, 117, 40-55	7.9	163
308	Cortical activities of heat-sensitization responses in suspended moxibustion: an EEG source analysis with sLORETA. **2015**, 9, 581-8		3

| 307 | Native and non-native speech sound processing and the neural mismatch responses: A longitudinal study on classroom-based foreign language learning. **2015**, 72, 94-104 | | 8 |

| 306 | Stress-Related Functional Connectivity Changes Between Auditory Cortex and Cingulate in Tinnitus. **2015**, 5, 371-83 | | 20 |

| 305 | Functional Magnetic Resonance Imaging Methods. **2015**, 25, 289-313 | | 75 |

| 304 | Multi-level block permutation. *NeuroImage*, **2015**, 123, 253-68 | 7.9 | 137 |

| 303 | Heterogeneity of structural brain changes in subtypes of schizophrenia revealed using magnetic resonance imaging pattern analysis. **2015**, 41, 74-84 | | 51 |

| 302 | Aberrant Current Source-Density and Lagged Phase Synchronization of Neural Oscillations as Markers for Emerging Psychosis. **2015**, 41, 919-29 | | 50 |

| 301 | Onset-related differences in neural substrates of tinnitus-related distress: the anterior cingulate cortex in late-onset tinnitus, and the frontal cortex in early-onset tinnitus. **2015**, 220, 571-84 | | 42 |

| 300 | Cognitive deficits in patients with obsessive-compulsive disorder - electroencephalography correlates. **2016**, 12, 1119-25 | | 10 |

| 299 | Altered Effective Connectivity of Hippocampus-Dependent Episodic Memory Network in mTBI Survivors. **2016**, 2016, 6353845 | | 11 |

| 298 | Evaluation of Second-Level Inference in fMRI Analysis. **2016**, 2016, 1068434 | | 4 |

| 297 | Influence of APOE Genotype on Hippocampal Atrophy over Time - An N=1925 Surface-Based ADNI Study. *PLoS ONE*, **2016**, 11, e0152901 | 3.7 | 40 |

| 296 | Association of Common Polymorphisms in the Nicotinic Acetylcholine Receptor Alpha4 Subunit Gene with an Electrophysiological Endophenotype in a Large Population-Based Sample. *PLoS ONE*, **2016**, 11, e0152984 | 3.7 | 7 |

| 295 | Prediction of Treatment Outcome in Patients with Obsessive-Compulsive Disorder with Low-Resolution Brain Electromagnetic Tomography: A Prospective EEG Study. **2015**, 6, 1993 | | 11 |

| 294 | Early differential sensitivity of evoked-potentials to local and global shape during the perception of three-dimensional objects. **2016**, 89, 495-509 | | 12 |

| 293 | Improved spatial regression analysis of diffusion tensor imaging for lesion detection during longitudinal progression of multiple sclerosis in individual subjects. **2016**, 61, 2497-513 | | 3 |

| 292 | Progressive brain changes in patients with chronic fatigue syndrome: A longitudinal MRI study. **2016**, 44, 1301-1311 | | 36 |

| 291 | Differences of brain electrical activity between moderate and severe obstructive sleep apneic patients: a LORETA study. **2016**, 25, 596-604 | | 6 |

| 290 | "Cerebellar contribution to visuo-attentional alpha rhythm: insights from weightlessness". *Scientific Reports*, **2016**, 6, 37824 | 4.9 | 44 |

289	Default Mode Network alterations in alexithymia: an EEG power spectra and connectivity study. *Scientific Reports*, **2016**, 6, 36653	4.9	27
288	Insights into Intrinsic Brain Networks based on Graph Theory and PET in right- compared to left-sided Temporal Lobe Epilepsy. *Scientific Reports*, **2016**, 6, 28513	4.9	18
287	Tracing the Flow of Perceptual Features in an Algorithmic Brain Network. *Scientific Reports*, **2015**, 5, 17681	4.9	24
286	Hippocampus and Basal Forebrain Volumetry for Dementia and Mild Cognitive Impairment Diagnosis: Could It Be Useful in Primary Care?. **2017**, 55, 1379-1394		10
285	Altered Dynamic of EEG Oscillations in Fibromyalgia Patients at Rest. **2016**, 17, 1058-1068		38
284	Electrophysiological correlates of bilateral and unilateral repetitive transcranial magnetic stimulation in patients with bipolar depression. **2016**, 240, 364-375		16
283	Resting state theta band source distribution and functional connectivity in remitted schizophrenia. **2016**, 630, 199-202		16
282	Interactive effect of 5-HTTLPR genotype and age on sources of cortical rhythms in healthy women. **2016**, 109, 107-115		4
281	Pre-Surgical fMRI Data Analysis Using a Spatially Adaptive Conditionally Autoregressive Model. **2016**, 11, 599-625		9
280	The Deceptively Simple N170 Reflects Network Information Processing Mechanisms Involving Visual Feature Coding and Transfer Across Hemispheres. **2016**, 26, 4123-4135		24
279	The relationship between cerebrospinal fluid markers of Alzheimer pathology and positron emission tomography tau imaging. **2016**, 139, 2249-60		125
278	Spatial regression analysis of serial DTI for subject-specific longitudinal changes of neurodegenerative disease. *NeuroImage: Clinical*, **2016**, 11, 291-301	5.3	3
277	A Voxel-Based Approach to Explore Local Dose Differences Associated With Radiation-Induced Lung Damage. **2016**, 96, 127-33		31
276	Quantitative EEG and Low-Resolution Electromagnetic Tomography (LORETA) Imaging of Patients Undergoing Methadone Treatment for Opiate Addiction. **2016**, 47, 180-7		5
275	Functional connectivity assessed by resting state EEG correlates with cognitive decline of Alzheimer's disease - An eLORETA study. *Clinical Neurophysiology*, **2016**, 127, 1269-1278	4.3	101
274	Understanding the Impact of Interruptions on Knowledge Work: An Exploratory Neuroimaging Study. **2016**,		1
273	Intrinsic Functional Hypoconnectivity in Core Neurocognitive Networks Suggests Central Nervous System Pathology in Patients with Myalgic Encephalomyelitis: A Pilot Study. **2016**, 41, 283-300		6
272	Neural oscillations in antipsychotic-naïve patients with a first psychotic episode. *World Journal of Biological Psychiatry*, **2016**, 17, 296-307	3.8	10

271	High frequency repetitive transcranial magnetic stimulation (rTMS) reduces EEG-hypofrontality in patients with schizophrenia. **2016**, 236, 199-201		6
270	Source localization of intermittent rhythmic delta activity in a patient with acute confusional migraine: cross-spectral analysis using standardized low-resolution brain electromagnetic tomography (sLORETA). **2016**, 37, 89-95		1
269	Emotion-Induced Topological Changes in Functional Brain Networks. **2016**, 29, 108-17		4
268	One-year-old fear memories rapidly activate human fusiform gyrus. **2016**, 11, 308-16		16
267	Neural evidence for moral intuition and the temporal dynamics of interactions between emotional processes and moral cognition. **2016**, 11, 380-94		20
266	Temporal Cortex Morphology in Mesial Temporal Lobe Epilepsy Patients and Their Asymptomatic Siblings. **2016**, 26, 1234-41		25
265	Pain perception in patients with chronic disorders of consciousness: What can limbic system tell us?. *Clinical Neurophysiology*, **2017**, 128, 454-462	4.3	16
264	Gamma oscillatory activity is impaired in episodic memory encoding with age. **2017**, 52, 53-65		4
263	Tau-PET Binding Distinguishes Patients With Early-stage Posterior Cortical Atrophy From Amnestic Alzheimer Disease Dementia. **2017**, 31, 87-93		37
262	Comparative analysis of background EEG activity in childhood absence epilepsy during valproate treatment: a standardized, low-resolution, brain electromagnetic tomography (sLORETA) study. **2017**, 38, 1293-1298		3
261	Neural Processes Associated with Vocabulary and Vowel-Length Differences in a Dialect: An ERP Study in Pre-literate Children. **2017**, 30, 610-628		9
260	Auditory cortical delta-entrainment interacts with oscillatory power in multiple fronto-parietal networks. *NeuroImage*, **2017**, 147, 32-42	7.9	59
259	Attention to Distinct Goal-relevant Features Differentially Guides Semantic Knowledge Retrieval. **2017**, 29, 1178-1193		3
258	Sleep-related modifications of EEG connectivity in the sensory-motor networks in Huntington Disease: An eLORETA study and review of the literature. *Clinical Neurophysiology*, **2017**, 128, 1354-1363	4.3	6
257	Time course and localization of brain activity in humor comprehension: An ERP/sLORETA study. **2017**, 1657, 215-222		14
256	Resting state fMRI regional homogeneity correlates with cognition measures in subcortical vascular cognitive impairment. **2017**, 373, 1-6		23
255	Noncanonical Adult Human Neurogenesis and Axonal Growth as Possible Structural Basis of Recovery From Traumatic Vegetative State. **2017**, 10, 1179547617732040		1
254	Improving sensitivity of cluster-based permutation test for EEG/MEG data. **2017**,		1

253	Sustained engagement of attention is associated with increased negative self-referent processing in major depressive disorder. **2017**, 129, 231-241		18
252	Processing of visual food cues during bitter taste perception in female patients with binge-eating symptoms: A cross-modal ERP study. *Clinical Neurophysiology*, **2017**, 128, 2184-2190	4.3	9
251	Accelerating permutation testing in voxel-wise analysis through subspace tracking: A new plugin for SnPM. *NeuroImage*, **2017**, 159, 79-98	7.9	3
250	Semantic congruent audiovisual integration during the encoding stage of working memory: an ERP and sLORETA study. *Scientific Reports*, **2017**, 7, 5112	4.9	9
249	F-FDG PET hypometabolism patterns reflect clinical heterogeneity in sporadic forms of early-onset Alzheimer's disease. **2017**, 59, 184-196		21
248	Socially anxious tendencies affect neural processing of gaze perception. **2017**, 118, 63-70		3
247	Statistical Permutation-based Artery Mapping (SPAM): a novel approach to evaluate imaging signals in the vessel wall. **2017**, 17, 36		0
246	A statistical framework for neuroimaging data analysis based on mutual information estimated via a gaussian copula. **2017**, 38, 1541-1573		104
245	Comparison of a non-stationary voxelation-corrected cluster-size test with TFCE for group-Level MRI inference. **2017**, 38, 1269-1280		12
244	Cerebrospinal Fluid Biomarkers of Alzheimer's Disease Correlate With Electroencephalography Parameters Assessed by Exact Low-Resolution Electromagnetic Tomography (eLORETA). **2017**, 48, 338-347		7
243	Investigating white matter fibre density and morphology using fixel-based analysis. *NeuroImage*, **2017**, 144, 58-73	7.9	249
242	EEG Spectral Generators Involved in Motor Imagery: A swLORETA Study. **2017**, 8, 2133		23
241	A Tool for Brain-Wide Quantitative Analysis of Molecular Data upon Projection into a Planar View of Choice. **2017**, 11, 1		28
240	A Quantitative Electroencephalography Study on Cochlear Implant-Induced Cortical Changes in Single-Sided Deafness with Tinnitus. **2017**, 11, 210		14
239	Comparative analysis of the electroencephalogram in patients with Alzheimer's disease, diffuse axonal injury patients and healthy controls using LORETA analysis. **2017**, 11, 176-185		6
238	Increased temporal variability of striatum region facilitating the early antidepressant response in patients with major depressive disorder. **2018**, 85, 39-45		18
237	Explorative analysis of IPA-SPECT data through statistical inference for an automated diagnosis of glioma tumor. **2018**, 45, 1108-1117		
236	Context-dependent lexical ambiguity resolution: MEG evidence for the time-course of activity in left inferior frontal gyrus and posterior middle temporal gyrus. **2018**, 177-178, 23-36		14

235 | Suprathreshold fiber cluster statistics: Leveraging white matter geometry to enhance tractography statistical analysis. *NeuroImage*, **2018**, 171, 341-354 | 7.9 | 17

234 | Inter-patient image registration algorithms to disentangle regional dose bioeffects. *Scientific Reports*, **2018**, 8, 4915 | 4.9 | 13

233 | Dynamic semantic cognition: Characterising coherent and controlled conceptual retrieval through time using magnetoencephalography and chronometric transcranial magnetic stimulation. **2018**, 103, 329-349 | | 24

232 | Ultra-slow mechanical stimulation of olfactory epithelium modulates consciousness by slowing cerebral rhythms in humans. *Scientific Reports*, **2018**, 8, 6581 | 4.9 | 22

231 | Association of Hippocampal Substructure Resting-State Functional Connectivity with Memory Performance in Older Adults. **2018**, 26, 690-699 | | 7

230 | Intracranial source activity (eLORETA) related to scalp-level asymmetry scores and depression status. **2018**, 55, e13019 | | 26

229 | Emotional enhancement of error detection-The role of perceptual processing and inhibition monitoring in failed auditory stop trials. **2018**, 18, 1-20 | | 16

228 | Muscle Connectivity Analysis for Hand Gesture Recognition via sEMG. **2018**, | | 2

227 | Nonparametric inference for functional-on-scalar linear models applied to knee kinematic hop data after injury of the anterior cruciate ligament. **2018**, 45, 1036-1061 | | 13

226 | Adaptation of the Scrambled-Sentences Task to Assess "Shattered Assumptions:" Construction of the Test and Investigation of Neural Substrates in an fMRI Study. **2018**, 51, 306-317 | | 1

225 | EEG correlates of induced anxiety in obsessive-compulsive patients: comparison of autobiographical and general anxiety scenarios. **2018**, 14, 2165-2174 | | 7

224 | EEG patterns of self-paced movement imaginations towards externally-cued and internally-selected targets. *Scientific Reports*, **2018**, 8, 13394 | 4.9 | 27

223 | BIARAM: A process for analyzing correlated brain regions using association rule mining. **2018**, 162, 99-108 | | 6

222 | A Computerized Version of the Scrambled Sentences Test. **2017**, 8, 2310 | | 7

221 | Effects of DISC1 Polymorphisms on Resting-State Spontaneous Neuronal Activity in the Early-Stage of Schizophrenia. **2018**, 9, 137 | | 5

220 | Handbook of Big Data Analytics. **2018**, | | 10

219 | Investigation into local white matter abnormality in emotional processing and sensorimotor areas using an automatically annotated fiber clustering in major depressive disorder. *NeuroImage*, **2018**, 181, 16-29 | 7.9 | 18

218 | Bayesian Spatiotemporal Modeling for Detecting Neuronal Activation via Functional Magnetic Resonance Imaging. **2018**, 485-501 | | 1

217	Post-error Brain Activity Correlates With Incidental Memory for Negative Words. **2018**, 12, 178	2
216	In Spoken Word Recognition, the Future Predicts the Past. **2018**, 38, 7585-7599	34
215	Brief exposure to obesogenic diet disrupts brain dopamine networks. *PLoS ONE*, **2018**, 13, e0191299	3.7	17
214	Top-down beta oscillatory signaling conveys behavioral context in early visual cortex. *Scientific Reports*, **2018**, 8, 6991	4.9	28
213	Computational EEG Analysis. **2018**,	10
212	The Analysis of Event-Related Potentials. **2018**, 55-82	
211	Tinnitus and neuropathic pain share a common neural substrate in the form of specific brain connectivity and microstate profiles. **2019**, 88, 388-400	20
210	Robust nonparametric tests of general linear model coefficients: A comparison of permutation methods and test statistics. *NeuroImage*, **2019**, 201, 116030	7.9	2
209	Interaction of Self-Regulation and Contextual Effects on Pre-attentive Auditory Processing: A Combined EEG/ECG Study. **2019**, 13, 638	0
208	Dissociations in semantic cognition: Oscillatory evidence for opposing effects of semantic control and type of semantic relation in anterior and posterior temporal cortex. **2019**, 120, 308-325	18
207	Using EQ PET to reduce reconstruction-dependent variations in [F]FDG-PET brain imaging. **2019**, 64, 175002	1
206	Spatial signature of dose patterns associated with acute radiation-induced lung damage in lung cancer patients treated with stereotactic body radiation therapy. **2019**, 64, 155006	13
205	Research on WeChat Attendance Technology Based on Geographical Location and iBeacon. **2019**, 1302, 042058	
204	Changes in the Resting-State Cortical Oscillatory Activity 6 Months After Modified Tinnitus Retraining Therapy. **2019**, 13, 1123	15
203	Spatial analysis of thickness changes in ten retinal layers of Alzheimer's disease patients based on optical coherence tomography. *Scientific Reports*, **2019**, 9, 13000	4.9	17
202	Identification of neurobehavioural symptom groups based on shared brain mechanisms. **2019**, 3, 1306-1318	10
201	Abnormalities in P300 components in depression: an ERP-sLORETA study. **2019**, 73, 1-8	18
200	Statistical nonparametric mapping: Multivariate permutation tests for location, correlation, and regression problems in neuroimaging. **2019**, 11, e1457	9

199	Changes in background electroencephalographic activity in benign childhood epilepsy with centrotemporal spikes after oxcarbazepine treatment: a standardized low-resolution brain electromagnetic tomography (sLORETA) study. *BMC Neurology*, **2019**, 19, 3	3.1	6
198	How Expertise Changes Cortical Sources of EEG Rhythms and Functional Connectivity in Divers Under Simulated Deep-Sea Conditions. **2019**, 27, 450-456		2
197	Parsing neurodevelopmental features of irritability and anxiety: Replication and validation of a latent variable approach. **2019**, 31, 917-929		9
196	Selection of neuropsychological tasks from a language test battery that optimally related to the function of each cortical area: Toward making a cognitive cortical map. *NeuroImage: Clinical*, **2019**, 22, 101799	5.3	1
195	Chemical exchange saturation transfer imaging in hepatic encephalopathy. *NeuroImage: Clinical*, **2019**, 22, 101743	5.3	2
194	Mirror neuron activations in encoding of psychic pain in borderline personality disorder. *NeuroImage: Clinical*, **2019**, 22, 101737	5.3	3
193	Joint Encoding of Auditory Timing and Location in Visual Cortex. **2019**, 31, 1002-1017		7
192	Short-term meditation modulates EEG activity in subjects with post-traumatic residual disabilities. **2019**, 4, 30-36		6
191	Spectral entropy indicates electrophysiological and hemodynamic changes in drug-resistant epilepsy - A multimodal MREG study. *NeuroImage: Clinical*, **2019**, 22, 101763	5.3	12
190	An information-theoretic study of fish swimming in the wake of a pitching airfoil. **2019**, 396, 35-46		4
189	Changes in Background EEG Activity after Creative Task in Aged Adults. **2019**,		
188	Remapping in Cerebral and Cerebellar Cortices Is Not Restricted by Somatotopy. **2019**, 39, 9328-9342		19
187	Interferon-beta-induced changes in neuroimaging phenotypes of appetitive motivation and reactivity to emotional salience. *NeuroImage: Clinical*, **2019**, 24, 102020	5.3	1
186	Application of symbolic recurrence to experimental data, from firearm prevalence to fish swimming. **2019**, 29, 113128		1
185	Preparing fMRI Data for Postprocessing: Conversion Modalities, Preprocessing Pipeline, and Parametric and Nonparametric Approaches. **2019**, 7, 122864-122877		3
184	Am I hallucinating or is my fusiform cortex activated? Functional activation differences in schizophrenia patients with and without hallucinations. **2019**, 33, 1-7		2
183	Default mode network alterations in individuals with high-trait-anxiety: An EEG functional connectivity study. **2019**, 246, 611-618		36
182	Optimising neonatal fMRI data analysis: Design and validation of an extended dHCP preprocessing pipeline to characterise noxious-evoked brain activity in infants. *NeuroImage*, **2019**, 186, 286-300	7.9	17

181	Deactivation of default-mode network and early suppression of decision-making areas during retrieval period by high-arousing emotions improves performance in verbal working memory task. **2019**, 19, 231-238		1
180	Dysfunctional preparatory processes in hazardous drinkers: An ERP study. **2019**, 77, 71-77		1
179	Diffusion Magnetic Resonance Imaging Unveils the Spatiotemporal Microstructural Gray Matter Changes following Injury in the Rodent Brain. **2019**, 36, 1306-1317		8
178	Voxel-based meta-analysis via permutation of subject images (PSI): Theory and implementation for SDM. *NeuroImage*, **2019**, 186, 174-184	7.9	86
177	Don℃Disturb Me! Understanding the Impact of Interruptions on Knowledge Work: an Exploratory Neuroimaging Study. **2019**, 21, 1019-1030		6
176	The adverse effect of gradient nonlinearities on diffusion MRI: From voxels to group studies. *NeuroImage*, **2020**, 205, 116127	7.9	16
175	Unimanual and Bimanual Reach-and-Grasp Actions Can Be Decoded From Human EEG. **2020**, 67, 1684-1695		23
174	Quantification of cerebral perfusion and cerebrovascular reserve using Turbo-QUASAR arterial spin labeling MRI. **2020**, 83, 731-748		7
173	Frontal theta and posterior alpha in resting EEG: A critical examination of convergent and discriminant validity. **2020**, 57, e13483		10
172	Revealing Changes in Brain Functional Networks Caused by Focused-Attention Meditation Using Tucker3 Clustering. **2019**, 13, 473		5
171	Polygenic Risk Score-Derived Subcortical Connectivity Mediates Attention-Deficit/Hyperactivity Disorder Diagnosis. **2020**, 5, 330-341		7
170	Mapping adaptation, deviance detection, and prediction error in auditory processing. *NeuroImage*, **2020**, 207, 116432	7.9	8
169	Depressogenic self-schemas are associated with smaller regional grey matter volume in never-depressed preadolescents. *NeuroImage: Clinical*, **2020**, 28, 102422	5.3	1
168	Brain functional connectivity in chronic tic disorders and Gilles de la Tourette syndrome. **2020**, 194, 101884		5
167	A Case of Psychogenic Myoclonus Responding to a Novel Transcranial Magnetic Stimulation Approach: Rationale, Feasibility, and Possible Neurophysiological Basis. **2020**, 14, 292		1
166	Individual differences in emotion differentiation modulate electrocortical dynamics of cognitive reappraisal. **2020**, 57, e13690		3
165	Effects of genetic variability of CYP2D6 on neural substrates of sustained attention during on-task activity. **2020**, 10, 338		6
164	Resting-state hyperconnectivity within the default mode network impedes the ability to initiate cognitive performance in first-episode schizophrenia patients. **2020**, 102, 109959		11

163	Disentangling presentation and processing times in the brain. *NeuroImage*, **2020**, 218, 116994	7.9	2
162	Discriminative Analysis of Symptom Severity and Ultra-High Risk of Schizophrenia Using Intrinsic Functional Connectivity. **2020**, 30, 2050047		3
161	Cortical source analysis of resting state EEG data in children with attention deficit hyperactivity disorder. *Clinical Neurophysiology*, **2020**, 131, 2115-2130	4.3	6
160	Increased Temporal Lobe Beta Activity in Boys With Attention-Deficit Hyperactivity Disorder by LORETA Analysis. **2020**, 14, 85		4
159	Genetic Association Between Alzheimer's Disease Risk Variant of the Gene and EEG Functional Connectivity in Non-demented Adults. **2020**, 14, 324		3
158	Effect of radiation therapy on cerebral cortical thickness in glioma patients: Treatment-induced thinning of the healthy cortex. **2020**, 2, vdaa060		9
157	Agglomerative Region-Based Analysis. **2020**,		
156	Mega-analysis methods in ENIGMA: The experience of the generalized anxiety disorder working group. **2020**,		19
155	Preliminary Assessment of Intravoxel Incoherent Motion Diffusion-Weighted MRI (IVIM-DWI) Metrics in Alzheimer's Disease. **2020**, 52, 1811-1826		16
154	Context matters: Novel metaphors in supportive and non-supportive contexts. *NeuroImage*, **2020**, 212, 116645	7.9	4
153	Voxel-based analysis in radiation oncology: A methodological cookbook. **2020**, 69, 192-204		18
152	Fiber-specific variations in anterior transcallosal white matter structure contribute to age-related differences in motor performance. *NeuroImage*, **2020**, 209, 116530	7.9	8
151	Quantitative electroencephalogram analysis of frontal cortex functional changes in patients with migraine. **2020**, 36, 543-551		1
150	Signals of anticipation of reward and of mean reward rates in the human brain. *Scientific Reports*, **2020**, 10, 4287	4.9	3
149	Decoding hand movements from human EEG to control a robotic arm in a simulation environment. **2020**, 17, 036010		16
148	Within-group synchronization in the prefrontal cortex associates with intergroup conflict. **2020**, 23, 754-760		33
147	Regional Gray Matter Density Associated With Fast-Paced Walking in Older Adults: A Voxel-Based Morphometry Study. **2020**, 75, 1530-1536		2
146	Lexical Access in Naming and Reading: Spatiotemporal Localization of Semantic Facilitation and Interference Using MEG. **2020**, 1, 185-207		2

| 145 | Parkinson's Disease Exhibits Amplified Intermuscular Coherence During Dynamic Voluntary Action. **2020**, 11, 204 | | 3 |

| 144 | The right hemisphere is important for driving-related cognitive function after stroke. **2021**, 44, 977-985 | | 5 |

| 143 | A Monte Carlo approach for improving transient dopamine release detection sensitivity. *Journal of Cerebral Blood Flow and Metabolism*, **2021**, 41, 116-131 | 7.3 | 2 |

| 142 | 6 Hz transcranial alternating current stimulation of mPFC improves sustained attention and modulates alpha phase synchronization and power in dorsal attention network. **2021**, 12, 1-13 | | 4 |

| 141 | Dose-dependent volume loss in subcortical deep grey matter structures after cranial radiotherapy. **2021**, 26, 35-41 | | 12 |

| 140 | Neural generators involved in visual cue processing in children with attention-deficit/hyperactivity disorder (ADHD). **2021**, 53, 1207-1224 | | 2 |

| 139 | Cortical processing of location and frequency changes of sounds in normal hearing listeners. **2021**, 400, 108110 | | 1 |

| 138 | Delta resting-state functional connectivity in the cognitive control network as a prognostic factor for maintaining abstinence: An eLORETA preliminary study. **2021**, 218, 108393 | | 3 |

| 137 | Data Mining in the Era of Big Data: The BrainMap Database as a Resource for Characterizing Brain Networks in Psychiatric Illness. **2021**, 135-151 | | |

| 136 | Decreased resting-state alpha-band activation and functional connectivity after sleep deprivation. *Scientific Reports*, **2021**, 11, 484 | 4.9 | 6 |

| 135 | Higher midlife CAIDE score is associated with increased brain atrophy in a cohort of cognitively healthy middle-aged individuals. **2021**, 268, 1962-1971 | | 2 |

| 134 | Evaluation of the early-phase [F]AV45 PET as an optimal surrogate of [F]FDG PET in ageing and Alzheimer's clinical syndrome. *NeuroImage: Clinical*, **2021**, 31, 102750 | 5.3 | 1 |

| 133 | Morphological changes after cranial fractionated photon radiotherapy: localized loss of white matter and grey matter volume with increasing dose. | | |

| 132 | A connection between pattern classification by machine learning and statistical inference with the General Linear Model. **2021**, PP, | | 3 |

| 131 | False discovery rate for functional data. **2021**, 30, 784-809 | | 1 |

| 130 | Functional connectivity of the anterior cingulate cortex with pain-related regions in children with post-traumatic headache. **2021**, 4, 251581632110094 | | 0 |

| 129 | Effects of the Attention Training Technique on Brain Activity in Healthy University Students Assessed by EEG Source Imaging. **2021**, 33294120988100 | | |

| 128 | Electromyographic traces of motor unit synchronization of fatigued lower limb muscles during gait. **2021**, 75, 102750 | | 1 |

127	Effect of inhibition indexed by auditory P300 on transmission of visual sensory information. *PLoS ONE*, **2021**, 16, e0247416	3.7	2
126	Comparison of LORETA and CSP for Brain-Computer Interface Applications. **2021**,		1
125	Functional MRI Correlates of Sleep Quality in HIV. **2021**, 13, 291-301		1
124	Caudate and cerebellar involvement in altered P2 and P3 components of GO/NoGO evoked potentials in children with attention-deficit/hyperactivity disorder. **2021**, 53, 3447-3462		1
123	Age-Related Differences in White Matter: Understanding Tensor-Based Results Using Fixel-Based Analysis. **2021**, 31, 3881-3898		2
122	Functional and diffusion MRI reveal the neurophysiological basis of neonates' noxious-stimulus evoked brain activity. **2021**, 12, 2744		4
121	White matter variability in auditory callosal pathways contributes to variation in the cultural transmission of auditory symbolic systems. **2021**, 226, 1943-1959		2
120	Functional Hyperconnectivity and Task-Based Activity Changes Associated With Neuropathic Pain After Spinal Cord Injury: A Pilot Study. **2021**, 12, 613630		1
119	Similar activation patterns in the bilateral dorsal inferior frontal gyrus for monolingual and bilingual contexts in second language production. **2021**, 156, 107857		0
118	Cerebrovascular reactivity measurements using simultaneous O-water PET and ASL MRI: Impacts of arterial transit time, labeling efficiency, and hematocrit. *NeuroImage*, **2021**, 233, 117955	7.9	5
117	MRCP as a biomarker of motor action with varying degree of central and peripheral contribution as defined by ultrasound imaging. **2021**, 126, 249-263		2
116	The Consistency of Prior Movements Shapes Locomotor Use-Dependent Learning. **2021**, 8,		3
115	Online detection of movement during natural and self-initiated reach-and-grasp actions from EEG signals. **2021**, 18,		2
114	Respiratory, cardiac, EEG, BOLD signals and functional connectivity over multiple microsleep episodes. *NeuroImage*, **2021**, 237, 118129	7.9	2
113	Group-level inference of information-based measures for the analyses of cognitive brain networks from neurophysiological data.		0
112	Socially Induced Negative Emotions Elicit Neural Activity in the Mentalizing Network in a Subsequent Inhibitory Task. **2021**, 470, 1-15		1
111	Genetic polymorphism of CYP2C19 and subcortical variability in the human adult brain. **2021**, 11, 467		1
110	Object expectations alter information use during visual recognition. **2021**, 214, 104803		

109	Probing machine-learning classifiers using noise, bubbles, and reverse correlation. **2021**, 362, 109297		1
108	Investigating white matter structure in social anxiety disorder using fixel-based analysis. **2021**, 143, 30-37		
107	Morphological changes after cranial fractionated photon radiotherapy: Localized loss of white matter and grey matter volume with increasing dose. **2021**, 31, 14-20		1
106	An Introduction to EEG Source Analysis with an Illustration of a Study on Error-Related Potentials. **2014**, 163-189		2
105	In Praise of Tedious Permutation. **2001**, 183-200		4
104	Assessing Virtual Reality Environments as Cognitive Stimulation Method for Patients with MCI. **2014**, 39-74		25
103	Statistical Procedures for Functional MRI. **2000**, 301-335		5
102	Methodology for Statistical Parametric Mapping of [18 F]Fluorodopa Uptake Rate Using Three-Dimensional PET 1 1Transcripts of the BRAINPET97 discussion of this chapter can be found in Section VIII.. **1998**, 117-123		1
101	On the Detection of Activation Patterns Using Principal Components Analysis. **1998**, 253-257		7
100	Morphometry. **2004**, 707-722		1
99	Stability of Source Localization with LORETA of Visual Target Processing. *Journal of Psychophysiology*, **2004**, 18, 1-12	1	11
98	Modulation of Auditory Motion Processing by Visual Motion. *Journal of Psychophysiology*, **2014**, 28, 82-100		4
97	How do the blind 'see'? The role of spontaneous brain activity in self-generated perception. **2021**, 144, 340-353		6
96	A statistical framework for neuroimaging data analysis based on mutual information estimated via a Gaussian copula.		3
95	Minimal Data Needed for Valid & Accurate Image-Based fMRI Meta-Analysis.		4
94	Top-Down Beta Oscillatory Signaling Conveys Behavioral Context to Primary Visual Cortex.		3
93	In spoken word recognition the future predicts the past.		1
92	Dose-dependent degeneration of non-cancerous brain tissue in post-radiotherapy patients: A diffusion tensor imaging study.		0

91	Dose-dependent volume loss in subcortical deep grey matter structures after cranial radiotherapy.		0
90	Genetic polymorphism of CYP2C19 and subcortical variability in the human adult brain.		1
89	Choosing between personal values: The Pavlovian substrates of intrinsic preferences.		2
88	Tensorpac: An open-source Python toolbox for tensor-based phase-amplitude coupling measurement in electrophysiological brain signals. **2020**, 16, e1008302		7
87	The neural substrate of positive bias in spontaneous emotional processing. *PLoS ONE*, **2010**, 5, e15454	3.7	20
86	Reorganization of functional networks in mild cognitive impairment. *PLoS ONE*, **2011**, 6, e19584	3.7	100
85	How does emotional context modulate response inhibition in alexithymia: electrophysiological evidence from an ERP study. *PLoS ONE*, **2012**, 7, e51110	3.7	11
84	A beamformer analysis of MEG data reveals frontal generators of the musically elicited mismatch negativity. *PLoS ONE*, **2013**, 8, e61296	3.7	26
83	Neural responses in parietal and occipital areas in response to visual events are modulated by prior multisensory stimuli. *PLoS ONE*, **2013**, 8, e84331	3.7	5
82	Tinnitus: a large VBM-EEG correlational study. *PLoS ONE*, **2015**, 10, e0115122	3.7	25
81	Pain Catastrophising Affects Cortical Responses to Viewing Pain in Others. *PLoS ONE*, **2015**, 10, e0133504	3.7	6
80	Oscillatory Dynamics Supporting Semantic Cognition: MEG Evidence for the Contribution of the Anterior Temporal Lobe Hub and Modality-Specific Spokes. *PLoS ONE*, **2017**, 12, e0169269	3.7	24
79	Language in Context: MEG Evidence for Modality-General and -Specific Responses to Reference Resolution. **2016**, 3,		5
78	Increased brain activation during the processing of spatially invalidly cued targets. **2008**, 2, 106-13		4
77	EEG Functional Connectivity and Cognitive Variables in Premanifest and Manifest Huntington's Disease: EEG Low-Resolution Brain Electromagnetic Tomography (LORETA) Study. **2020**, 11, 612325		3
76	Cognitive Exercising for Patients With MCI Using Serious Games. 1313-1342		1
75	Covariate-adjusted nonparametric analysis of magnetic resonance images using Markov chain Monte Carlo. **2010**, 3, 113-123		1
74	Efficient Blockwise Permutation Tests Preserving Exchangeability. **2014**, 3, 145-152		3

| 73 | Functional dissociation of stimulus intensity encoding and predictive coding of pain in the insula. **2017**, 6, | 71 |

| 72 | Longitudinal investigation of brain activation during motor tasks in Friedreich ataxia: 24-month data from IMAGE-FRDA. **2021**, 1 | 0 |

| 71 | Statistical Analysis of Brain Maps: Some Lessons from Morphometrics. **2001**, 263-282 | |

| 70 | References. **2002**, | |

| 69 | Ventricle Registration for Inter-subject White Matter Lesion Analysis. **2004**, 712-719 | |

| 68 | Parametric and Non-Parametric Analysis of QEEG. **2004**, 1-29 | |

| 67 | Bias in Resampling-Based Thresholding of Statistical Maps in fMRI. **2004**, 711-718 | |

| 66 | Timing the Metaphoric Brain. **2008**, 205-223 | 1 |

| 65 | Adjusting the neuroimaging statistical inferences for nonstationarity. **2009**, 12, 992-9 | 4 |

| 64 | Prediction of Psychosis Through the Prodromal Syndrome. **2010**, 251-266 | |

| 63 | Volumetry and other quantitative measurements to assess the rodent brain. **2011**, 771, 277-91 | |

| 62 | Functional and Structural MRI: Theoretical Background and Practical Aspects. **2012**, 269-317 | |

| 61 | Cognitive Exercising for Patients with MCI Using Serious Games. **2015**, 88-117 | |

| 60 | Dynamic semantic cognition: Characterising coherent and controlled conceptual retrieval through time using magnetoencephalography and chronometric transcranial magnetic stimulation. | |

| 59 | Parameterized expertise: Evidence for gradations of musical expertise from electroencephalographic monitoring of auditory decision-making. | |

| 58 | Early Neural Correlates of an Auditory Pitch - Visual Size Cross-modal Association. | |

| 57 | Remapping in cerebral and cerebellar cortices is not restricted by somatotopy. | |

| 56 | Lexical Access in Comprehension vs. Production: Spatiotemporal Localization of Semantic Facilitation and Interference. | |

#	Title		
55	Cortical and Cardiovascular Regulation Support Adaptation to Ambient Sound Environment.		
54	Disentangling presentation and processing times in the brain.		
53	Statistical significance in DTI group analyses: How the choice of the estimator can inflate effect sizes.		0
52	Short-term effects on brain functional network caused by focused-attention meditation revealed by Tucker3 clustering on graph theoretical metrics.		
51	Signals of anticipation of reward and of mean reward rates in the human brain.		0
50	Effects of genetic variability of CYP2D6 on neural substrates of sustained attention during on-task activity.		
49	Probing machine-learning classifiers using noise, bubbles, and reverse correlation.		
48	A neural substrate for Bayesian integration in human parietal cortex.		0
47	The Evaluation of Creative Ideas in Older and Younger Adults. *Journal of Psychophysiology*, **2020**, 34, 19-34	1	1
46	The functional significance of the P600: Some linguistic P600's do localize to language areas. *Medicine (United States)*, **2020**, 99, e23116	1.8	0
45	Isolating the Norepinephrine Pathway Comparing Lithium in Bipolar Patients to SSRIs in Depressive Patients. *Brain: Broad Research in Artificial Intelligence and Neuroscience*, **2014**, 5, 5-15	1.3	1
44	Electrophysiological Neuroimaging using sLORETA Comparing 100 Schizophrenia Patients to 48 Patients with Major Depression. *Brain: Broad Research in Artificial Intelligence and Neuroscience*, **2014**, 5, 16-25	1.3	1
43	Electrophysiological Neuroimaging using sLORETA Comparing 22 Age Matched Male and Female Schizophrenia Patients. **2015**, 10, 91-98		3
42	Frequencies contributing to functional connectivity in the cerebral cortex in "resting-state" data. *American Journal of Neuroradiology*, **2001**, 22, 1326-33	4.4	1009
41	Comparison of independent component analysis and conventional hypothesis-driven analysis for clinical functional MR image processing. *American Journal of Neuroradiology*, **2002**, 23, 49-58	4.4	40
40	Mapping functionally related regions of brain with functional connectivity MR imaging. *American Journal of Neuroradiology*, **2000**, 21, 1636-44	4.4	616
39	Multisensory stimuli shift perceptual priors to facilitate rapid behavior. *Scientific Reports*, **2021**, 11, 23052	4.9	0
38	Sensory processing sensitivity and axonal microarchitecture: Identifying brain structural characteristics for behavior.		

37	Trait and state mindfulness modulate EEG microstates.		
36	Figural Creative Task Sculpts the Baseline Resting-State EEG in Older Adults: A Pilot Study. *Human Physiology*, **2021**, 47, 498-505	0.3	0
35	Functional Integration of Mirror Neuron System and Sensorimotor Cortex under Virtual Self-Actions Visual Perception.. *Behavioural Brain Research*, **2022**, 113784	3.4	0
34	Comparative analysis of background EEG activity in juvenile myoclonic epilepsy during valproic acid treatment: a standardized, low-resolution, brain electromagnetic tomography (sLORETA) study.. *BMC Neurology*, **2022**, 22, 48	3.1	0
33	Are the forearm muscles excited equally in different, professional piano players?. *PLoS ONE*, **2022**, 17, e0265575	3.7	
32	Case-control analysis of single-cell RNA-seq studies.		2
31	Domain selection and family-wise error rate for functional data: a unified framework.. *Biometrics*, **2022**,	1.8	0
30	Visual cortex plasticity in cochlear implant users revealed in a visual motion detection task.. *Clinical Neurophysiology*, **2022**, 137, 11-24	4.3	
29	Table_1.pdf. **2018**,		
28	Table_2.pdf. **2018**,		
27	Data_Sheet_1.PDF. **2019**,		
26	Data_Sheet_1.PDF. **2020**,		
25	Data_Sheet_1.doc. **2018**,		
24	Thalamic structural connectivity profiles in blepharospam/Meige's syndrome.. *NeuroImage: Clinical*, **2022**, 34, 103013	5.3	0
23	Group-level inference of information-based measures for the analyses of cognitive brain networks from neurophysiological data. *NeuroImage*, **2022**, 119347	7.9	0
22	Comparative analysis of background EEG activity based on MRI findings in neonatal hypoxic-ischemic encephalopathy: a standardized, low-resolution, brain electromagnetic tomography (sLORETA) study. *BMC Neurology*, **2022**, 22,	3.1	
21	Anodal transcranial direct current stimulation sustainably increases EEG alpha activity in patients with schizophrenia. *Neuropsychopharmacology Reports*,	2.2	
20	Elevated regional cerebral blood flow in adults with 22q11.2 deletion syndrome. *World Journal of Biological Psychiatry*, 1-15	3.8	

19	Active search signatures in a free-viewing task exploiting concurrent EEG and eye movements recordings.	
18	The neural determinants of abstract beauty.	
17	Local brain-state dependency of effective connectivity: a pilot TMS–EEG study. *Open Research Europe*, 2, 45	
16	Rhythmic information sampling in the brain during visual recognition.	0
15	Does Practice Make Perfect? Functional Connectivity of the Salience Network and Somatosensory Network Predicts Response to Mind-Body Treatments for Fibromyalgia.	
14	EEG resting-state functional connectivity: evidence for an imbalance of external/internal information integration in autism. **2022**, 14,	0
13	Influence of the number of trials on evoked motor cortical activity in EEG recordings. **2022**, 19, 046050	
12	Dynamic Functional Connectivity of Emotion Processing in Beta Band with Naturalistic Emotion Stimuli. **2022**, 12, 1106	0
11	LSD-induced increase of Ising temperature and algorithmic complexity of brain dynamics.	0
10	Sensory processing sensitivity and axonal microarchitecture: identifying brain structural characteristics for behavior.	0
9	Medial Prefrontal Cortex Dysfunction Mediates Working Memory Deficits in Patients with Schizophrenia. **2022**,	0
8	The effect of low-frequency rTMS on auditory hallucinations, EEG source localization and functional connectivity in schizophrenia. **2023**, 794, 136977	0
7	Revascularization improves vascular hemodynamics – a study assessing cerebrovascular reserve and transit time in Moyamoya patients using MRI. 0271678X2211403	0
6	Neural response to sad autobiographical recall and sad music listening post recall reveals distinct brain activation in alpha and gamma bands. **2023**, 18, e0279814	0
5	The neural determinants of abstract beauty.	0
4	Does Practice Make Perfect? Functional Connectivity of the Salience Network and Somatosensory Network Predicts Response to Mind-Body Treatments for Fibromyalgia.	0
3	LSD-induced increase of Ising temperature and algorithmic complexity of brain dynamics. **2023**, 19, e1010811	0
2	Data on a novel approach examining the role of the cerebellum in gait performance improvement in patients with Parkinson disease receiving neurologic music therapy. **2023**, 47, 109013	0

1   Permutation-based true discovery proportions for functional magnetic resonance imaging cluster
     analysis.   0

1   Permutation-based true discovery proportions for functional magnetic resonance imaging cluster
     analysis.   0