

# CITATION REPORT

List of articles citing

## Statistical parametric maps in functional imaging: A general linear approach

DOI: 10.1002/hbm.460020402  
Human Brain Mapping, 1994, 2, 189-210.

**Source:** <https://exaly.com/paper-pdf/25057661/citation-report.pdf>

**Version:** 2024-04-19

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2324	3D animation of cerebral activity using both spatial and temporal fMRI information.		
2323	Intra and intersubject registration in multimodal brain imaging utility for source analysis.		
2322	A functional neuroanatomy of hallucinations in schizophrenia. <b>1995</b> , 378, 176-9		886
2321	The neural regions sustaining object recognition and naming. <b>1996</b> , 263, 1501-7		137
2320	Neuromodulation of frontal and temporal cortex by intravenous d-fenfluramine: an [15O]H <sub>2</sub> O PET study in humans. <b>1996</b> , 207, 25-8		33
2319	The neural correlates of intentional learning of verbal materials: a PET study in humans. <b>1996</b> , 4, 243-9		132
2318	Local and distributed effects of apomorphine on fronto-temporal function in acute unmedicated schizophrenia. <b>1996</b> , 16, 7055-62		146
2317	Network analysis of positron emission tomography regional cerebral blood flow data: ensemble inhibition during episodic memory retrieval. <b>1996</b> , 16, 3753-9		129
2316	Nonparametric Analysis of Statistic Images from Functional Mapping Experiments. <b>1996</b> , 334-341		1
2315	Evaluation of the ECAT EXACT HR/sup +/- 3D PET scanner in /sup 15/O-water brain activation studies.		2
2314	Functional anatomy of spatial mental imagery generated from verbal instructions. <b>1996</b> , 16, 6504-12		263
2313	Cerebral representation of one's own past: neural networks involved in autobiographical memory. <b>1996</b> , 16, 4275-82		772
2312	A fronto-parietal network for rapid visual information processing: a PET study of sustained attention and working memory. <b>1996</b> , 34, 1085-95		469
2311	PET studies of encoding and retrieval: The HERA model. <b>1996</b> , 3, 135-48		366
2310	Regional metabolic correlates of surgical outcome following unilateral pallidotomy for Parkinson's disease. <b>1996</b> , 39, 450-9		112
2309	Benzodiazepine receptors in focal epilepsy with cortical dysgenesis: an 11C-flumazenil PET study. <b>1996</b> , 40, 188-98		121
2308	Reliability of PET activation across statistical methods, subject groups, and sample sizes. <i>Human Brain Mapping</i> , <b>1996</b> , 4, 23-46	5.9	61

2307	A unified statistical approach for determining significant signals in images of cerebral activation. <i>Human Brain Mapping</i> , <b>1996</b> , 4, 58-73	5.9	2013
2306	A multivariate analysis of PET activation studies. <i>Human Brain Mapping</i> , <b>1996</b> , 4, 140-51	5.9	101
2305	Sample size and statistical power in [15O]H2O studies of human cognition. <b>1996</b> , 16, 804-16		48
2304	Tests for comparing images based on randomization and permutation methods. <b>1996</b> , 16, 1271-9		72
2303	Activation of medial temporal structures during episodic memory retrieval. <b>1996</b> , 380, 715-7		332
2302	Where in the brain does visual attention select the forest and the trees?. <b>1996</b> , 382, 626-8		515
2301	Functional neuroanatomy of human rapid-eye-movement sleep and dreaming. <b>1996</b> , 383, 163-6		1096
2300	Functional anatomy of a common semantic system for words and pictures. <b>1996</b> , 383, 254-6		1038
2299	A differential neural response in the human amygdala to fearful and happy facial expressions. <b>1996</b> , 383, 812-5		1694
2298	Assumptions and validations of statistical tests for functional neuroimaging. <b>1996</b> , 8, 2232-5		10
2297	Nonlinear registration of brain images using deformable models. <b>1996</b> ,		21
2296	A neural substrate for musical hallucinosis. <b>1997</b> , 3, 167-172		10
2295	A PET Study of Persistent Psychogenic Amnesia Covering the Whole Life Span. <b>1997</b> , 2, 135-58		104
2294	Serotonin 5-HT2 receptor imaging in major depression: focal changes in orbito-insular cortex. <b>1997</b> , 171, 444-8		181
2293	Segregating Semantic from Phonological Processes during Reading. <b>1997</b> , 9, 727-33		379
2292	Positron-emission tomography imaging of long-term shape recognition challenges. <b>1997</b> , 94, 7627-32		18
2291	Recalling routes around london: activation of the right hippocampus in taxi drivers. <b>1997</b> , 17, 7103-10		526
2290	Functional neuroanatomy of human slow wave sleep. <b>1997</b> , 17, 2807-12		463

2289	An integrated hardware for fMRI studies of the human brain.	
2288	Characterization of dynamic 3-D PET imaging for functional brain mapping. <b>1997</b> , 16, 261-9	8
2287	A dynamic role of the medial temporal lobe during retrieval of declarative memory in man. <b>1997</b> , 6, 1-11	56
2286	Cognitive subtractions may not add up: the interaction between semantic processing and response mode. <b>1997</b> , 5, 229-39	83
2285	fMRI studies of the supplementary motor area and the premotor cortex. <b>1997</b> , 6, 181-90	66
2284	Neural systems shared by visual imagery and visual perception: a positron emission tomography study. <b>1997</b> , 6, 320-34	252
2283	Anterior cingulate and motor network metabolic impairment in progressive supranuclear palsy. <b>1997</b> , 5, 173-8	24
2282	A trial-based experimental design for fMRI. <b>1997</b> , 6, 122-38	387
2281	Characterizing the relationship between BOLD contrast and regional cerebral blood flow measurements by varying the stimulus presentation rate. <b>1997</b> , 6, 270-8	101
2280	Combining spatial extent and peak intensity to test for activations in functional imaging. <b>1997</b> , 5, 83-96	584
2279	Functional Neuroanatomy of Recall and Recognition: A PET Study of Episodic Memory. <b>1997</b> , 9, 254-65	181
2278	Neural responses to salient visual stimuli. <b>1997</b> , 264, 769-75	118
2277	The temporal dynamics of reading: a PET study. <b>1997</b> , 264, 1785-91	32
2276	Demonstration of decreased posterior cingulate perfusion in mild Alzheimer's disease by means of H215O positron emission tomography. <b>1997</b> , 24, 670-3	71
2275	Empirical analyses of BOLD fMRI statistics. I. Spatially unsmoothed data collected under null-hypothesis conditions. <b>1997</b> , 5, 179-97	596
2274	Psychophysiological and modulatory interactions in neuroimaging. <b>1997</b> , 6, 218-29	2433
2273	Neural correlates of motor memory consolidation. <b>1997</b> , 277, 821-5	802
2272	Cognitive conjunction: a new approach to brain activation experiments. <b>1997</b> , 5, 261-70	743

2271	Brain regions differentially involved in remembering what and when: a PET study. <b>1997</b> , 19, 863-70	169
2270	Brain activation during cognitive stimulation with the Wisconsin Card Sorting Test--a functional MRI study on healthy volunteers and schizophrenics. <b>1997</b> , 75, 145-57	96
2269	Impaired episodic memory retrieval in a case of probable psychogenic amnesia. <b>1997</b> , 74, 119-26	52
2268	The cerebral representation of space: insights from functional imaging data. <b>1997</b> , 1, 62-8	6
2267	PET brain mapping study of auditory verbal supraspan memory versus visual fixation in schizophrenia. <b>1997</b> , 41, 33-42	43
2266	Reduced activity in the extrastriate visual cortex of individuals with strabismic amblyopia. <b>1997</b> , 225, 173-6	82
2265	The basic pattern of activation in motor and sensory temporal tasks: positron emission tomography data. <b>1997</b> , 235, 21-4	65
2264	Regional cerebral glucose metabolism in dementia with Lewy bodies and Alzheimer's disease: a comparative study using positron emission tomography. <b>1997</b> , 235, 49-52	110
2263	Activation of the prefrontal, occipital and parietal cortices during go/no-go discrimination tasks in the monkey as revealed by positron emission tomography. <b>1997</b> , 224, 111-4	25
2262	Pain processing during three levels of noxious stimulation produces differential patterns of central activity. <b>1997</b> , 73, 431-445	472
2261	XVIIIth International Symposium on Cerebral Blood Flow and Metabolism. <b>1997</b> , 17, S1-S806	
2260	Frontal and parietal networks for conditional motor learning: a positron emission tomography study. <b>1997</b> , 78, 977-91	180
2259	Age-related differences in neural activity during memory encoding and retrieval: a positron emission tomography study. <b>1997</b> , 17, 391-400	607
2258	Attention to one or two features in left or right visual field: a positron emission tomography study. <b>1997</b> , 17, 3739-50	122
2257	Cholinergic stimulation alters performance and task-specific regional cerebral blood flow during working memory. <b>1997</b> , 94, 6512-6	201
2256	Role of the supplementary motor area and the right premotor cortex in the coordination of bimanual finger movements. <b>1997</b> , 17, 9667-74	276
2255	Human brain activity related to orientation discrimination tasks. <b>1997</b> , 9, 246-59	47
2254	The neural correlates of the noradrenergic modulation of human attention, arousal and learning. <b>1997</b> , 9, 589-98	79

2253	PET study in subjects from two Italian FAD families with APP717 Val to Ileu mutation. <b>1997</b> , 4, 214-220	14
2252	Positron Emission Tomography Receptor Studies. <b>1997</b> , 38, 48-51	
2251	Central benzodiazepine/gamma-aminobutyric acid A receptors in idiopathic generalized epilepsy: an [ <sup>11</sup> C]flumazenil positron emission tomography study. <b>1997</b> , 38, 1089-97	75
2250	Symptom localization in neuropsychiatry. A functional neuroimaging approach. <b>1997</b> , 835, 410-20	13
2249	How the brain learns to see objects and faces in an impoverished context. <b>1997</b> , 389, 596-9	306
2248	Dissociating prefrontal and hippocampal function in episodic memory encoding. <b>1997</b> , 388, 582-5	368
2247	Naming deficit for non-living items: neuropsychological and PET study. <b>1997</b> , 35, 359-67	94
2246	The functional anatomy of verbal initiation and suppression using the Hayling Test. <b>1997</b> , 35, 559-66	108
2245	Differential neural response to positive and negative feedback in planning and guessing tasks. <b>1997</b> , 35, 1395-404	171
2244	The functional anatomy of a hysterical paralysis. <b>1997</b> , 64, B1-8	292
2243	Design and efficacy of a head-coil bite bar for reducing movement-related artifacts during functional MRI scanning. <b>1997</b> , 29, 589-594	19
2242	Stereotactic thalamotomy in tremor-dominant Parkinson's disease: an H <sub>2</sub> ( <sup>15</sup> O) PET motor activation study. <b>1997</b> , 41, 108-11	54
2241	Cortical reorganization in patients with facial palsy. <b>1997</b> , 41, 621-30	102
2240	Changes in cerebral activity pattern due to subthalamic nucleus or internal pallidum stimulation in Parkinson's disease. <b>1997</b> , 42, 283-91	424
2239	Alterations in opioid receptor binding in Parkinson's disease patients with levodopa-induced dyskinesias. <b>1997</b> , 42, 720-6	162
2238	Lateral geniculate activations can be detected using intersubject averaging and fMRI. <b>1997</b> , 38, 691-4	28
2237	Transient phase-locking and dynamic correlations: Are they the same thing?. <i>Human Brain Mapping</i> , <b>1997</b> , 5, 48-57	5.9 33
2236	Functional anatomy of verbal and visuospatial span tasks in Alzheimer's disease. <i>Human Brain Mapping</i> , <b>1997</b> , 5, 110-8	5.9 26

2235	Time series analysis in the time domain and resampling methods for studies of functional magnetic resonance brain imaging. <i>Human Brain Mapping</i> , <b>1997</b> , 5, 168-93	5.9	88
2234	An overview and some new developments in the statistical analysis of PET and fMRI data. <i>Human Brain Mapping</i> , <b>1997</b> , 5, 254-8	5.9	49
2233	Subtractions, conjunctions, and interactions in experimental design of activation studies. <i>Human Brain Mapping</i> , <b>1997</b> , 5, 264-72	5.9	84
2232	Covariations in ERP and PET measures of spatial selective attention in human extrastriate visual cortex. <i>Human Brain Mapping</i> , <b>1997</b> , 5, 273-9	5.9	144
2231	Selective and divided visual attention: age-related changes in regional cerebral blood flow measured by H <sub>2</sub> (15)O PET. <i>Human Brain Mapping</i> , <b>1997</b> , 5, 389-409	5.9	72
2230	Analysis of single-subject data sets with a low number of PET scans. <i>Human Brain Mapping</i> , <b>1997</b> , 5, 445-53		4
2229	Randomized Nonlinear Projections Uncover High-Dimensional Structure. <b>1997</b> , 19, 319-331		8
2228	Nonparametric Regression Modeling with Equiprobable Topographic Maps and Projection Pursuit Learning with Application to PET Image Processing. <b>1998</b> , 18, 275-285		
2227	Neural correlates of levels of emotional awareness. Evidence of an interaction between emotion and attention in the anterior cingulate cortex. <b>1998</b> , 10, 525-35		597
2226	Central cancellation of self-produced tickle sensation. <b>1998</b> , 1, 635-40		952
2225	Evidence for striatal dopamine release during a video game. <b>1998</b> , 393, 266-8		884
2224	Conscious and unconscious emotional learning in the human amygdala. <b>1998</b> , 393, 467-70		1470
2223	Analysis of temporal structure in sound by the human brain. <b>1998</b> , 1, 422-7		255
2222	Right parietal cortex is involved in the perception of sound movement in humans. <b>1998</b> , 1, 74-9		238
2221	A multimodal language region in the ventral visual pathway. <b>1998</b> , 394, 274-7		307
2220	Within-study repeated measurements to increase sensitivity for positron emission tomography activation studies. <b>1998</b> , 18, 319-31		6
2219	Positron emission tomography [15O]water studies with short interscan interval for single-subject and group analysis: influence of background subtraction. <b>1998</b> , 18, 433-43		16
2218	Brain networks affected by synchronized sleep visualized by positron emission tomography. <b>1998</b> , 18, 701-15		87

2217	Networks of domain-specific and general regions involved in episodic memory for spatial location and object identity. <b>1998</b> , 36, 129-42		93
2216	Distinct brain loci in deductive versus probabilistic reasoning. <b>1998</b> , 36, 369-76		189
2215	How do we predict the consequences of our actions? A functional imaging study. <b>1998</b> , 36, 521-9		132
2214	Intensity coding of auditory stimuli: an fMRI study. <b>1998</b> , 36, 875-83		150
2213	Monitoring for target objects: activation of right frontal and parietal cortices with increasing time on task. <b>1998</b> , 36, 1325-34		190
2212	Hemispheric asymmetries in global/local processing are modulated by perceptual salience. <b>1999</b> , 37, 31-40		105
2211	MEG covariance difference analysis: a method to extract target source activities by using task and control measurements. <b>1998</b> , 45, 87-97		6
2210	Functional MRI statistical software packages: a comparative analysis. <i>Human Brain Mapping</i> , <b>1998</b> , 6, 73-84	5.9	99
2209	Effect of temporal autocorrelation due to physiological noise and stimulus paradigm on voxel-level false-positive rates in fMRI. <i>Human Brain Mapping</i> , <b>1998</b> , 6, 239-49	5.9	220
2208	Modeling hemodynamic response for analysis of functional MRI time-series. <i>Human Brain Mapping</i> , <b>1998</b> , 6, 283-300	5.9	150
2207	A sequence of object-processing stages revealed by fMRI in the human occipital lobe. <i>Human Brain Mapping</i> , <b>1998</b> , 6, 316-28	5.9	352
2206	Dynamic changes in effective connectivity characterized by variable parameter regression and Kalman filtering. <i>Human Brain Mapping</i> , <b>1998</b> , 6, 403-8	5.9	57
2205	Cerebral and cerebellar activation in correlation to the action-induced dystonia in writer's cramp. <b>1998</b> , 13, 497-508		112
2204	Nonlinear event-related responses in fMRI. <b>1998</b> , 39, 41-52		512
2203	Cerebral blood flow changes in the primary motor and premotor cortices during hyperventilation. <b>1998</b> , 12, 29-33		12
2202	The detection and significance of subtle changes in mixed-signal brain lesions by serial MRI scan matching and spatial normalization. <b>1998</b> , 2, 227-42		106
2201	PET study of human voluntary saccadic eye movements in darkness: effect of task repetition on the activation pattern. <b>1998</b> , 10, 2328-36		39
2200	Regions in the human brain activated by simultaneous orientation discrimination: a study with positron emission tomography. <b>1998</b> , 10, 3689-99		28



2199	Blood oxygenation level dependent signal time courses during prolonged visual stimulation. <b>1998</b> , 16, 1-11	26
2198	Quantifying and comparing region-of-interest activation patterns in functional brain MR imaging: methodology considerations. <b>1998</b> , 16, 289-300	45
2197	Statistical methods for detecting activated regions in functional MRI of the brain. <b>1998</b> , 16, 1217-25	41
2196	VoxelLine: a software program for 3D real-time visualization of biomedical images. <b>1998</b> , 22, 275-89	10
2195	Cerebral glucose metabolism and centrotemporal spikes. <b>1998</b> , 29, 123-7	17
2194	The neuronal machinery involved in successive orientation discrimination. <b>1998</b> , 55, 117-47	37
2193	High-field (3.0 T) functional MRI sequential epoch analysis: an example for motion control analysis. <b>1998</b> , 32, 355-62	20
2192	Focal cortical release of endogenous opioids during reading-induced seizures. <b>1998</b> , 352, 952-5	93
2191	Hypothalamic activation in cluster headache attacks. <b>1998</b> , 352, 275-8	919
2190	Cerebral responses to a continual tonic pain stimulus measured using positron emission tomography. <b>1998</b> , 76, 127-35	137
2189	Modes or models: a critique on independent component analysis for fMRI. <b>1998</b> , 2, 373-5	84
2188	Brain systems mediating aversive conditioning: an event-related fMRI study. <b>1998</b> , 20, 947-57	770
2187	Cue-invariant activation in object-related areas of the human occipital lobe. <b>1998</b> , 21, 191-202	344
2186	SPECT imaging of odor identification in schizophrenia. <b>1998</b> , 82, 53-61	47
2185	Brain imaging and memory systems in humans: the contribution of PET methods. <b>1998</b> , 321, 199-205	2
2184	Cortical networks implicated in semantic and episodic memory: common or unique?. <b>1998</b> , 34, 547-61	33
2183	Characterizing stimulus-response functions using nonlinear regressors in parametric fMRI experiments. <b>1998</b> , 8, 140-8	345
2182	Functional clustering: identifying strongly interactive brain regions in neuroimaging data. <b>1998</b> , 7, 133-49	219

2181	The effects of semantic category and knowledge type on lexical-semantic access: a PET study. <b>1998</b> , 8, 350-9	148
2180	Mapping neural interactivity onto regional activity: an analysis of semantic processing and response mode interactions. <b>1998</b> , 7, 244-54	27
2179	Cerebral processes related to visuomotor imagery and generation of simple finger movements studied with positron emission tomography. <b>1998</b> , 7, 73-85	308
2178	Human prefrontal cortex is not specific for working memory: a functional MRI study. <b>1998</b> , 8, 274-82	115
2177	Anatomical congruence of metabolic and electromagnetic activation signals during a self-paced motor task: a combined PET-MEG study. <b>1998</b> , 7, 337-51	25
2176	A voxel-based analysis of cerebral perfusion in dementia and depression of old age. <b>1998</b> , 7, 199-208	53
2175	Mapping voxel-based statistical power on parametric images. <b>1998</b> , 7, 97-107	38
2174	Premotor and prefrontal correlates of category-related lexical retrieval. <b>1998</b> , 7, 232-43	286
2173	The inferential impact of global signal covariates in functional neuroimaging analyses. <b>1998</b> , 8, 302-6	186
2172	Functional anatomy of dominance for speech comprehension in left handers vs right handers. <b>1998</b> , 8, 1-16	170
2171	Comments on a Monte Carlo approach to the analysis of functional neuroimaging data. <b>1998</b> , 8, 108-12	9
2170	Estimation of the probabilities of 3D clusters in functional brain images. <b>1998</b> , 8, 113-28	222
2169	The neural response in short-term visual recognition memory for perceptual conjunctions. <b>1998</b> , 7, 14-22	22
2168	Differential activation of right superior parietal cortex and intraparietal sulcus by spatial and nonspatial attention. <b>1998</b> , 8, 176-87	153
2167	Coexistence of attention-based facilitation and inhibition in the human cortex. <b>1998</b> , 7, 23-9	91
2166	Speed-dependent motion-sensitive responses in V5: an fMRI study. <b>1998</b> , 7, 86-96	65
2165	Cross-correlation technique to identify activated pixels in a three-condition fMRI task.	
2164	Experience-dependent modulation of tonotopic neural responses in human auditory cortex. <b>1998</b> , 265, 649-57	116

2163	Human brain activity during spontaneously reversing perception of ambiguous figures. <b>1998</b> , 265, 2427-33	228
2162	Converging levels of analysis in the cognitive neuroscience of visual attention. <b>1998</b> , 353, 1307-17	102
2161	Towards a functional neuroanatomy of conscious perception and its modulation by volition: implications of human auditory neuroimaging studies. <b>1998</b> , 353, 1883-8	24
2160	Neural correlates of memory retrieval during recognition memory and cued recall. <b>1998</b> , 8, 262-73	117
2159	Regional changes in glucose metabolism during brain development from the age of 6 years. <b>1998</b> , 8, 62-8	71
2158	Activation of different anterior cingulate foci in association with hypothesis testing and response selection. <b>1998</b> , 8, 17-29	148
2157	Knowing where and getting there: a human navigation network. <b>1998</b> , 280, 921-4	1018
2156	The time course of changes during motor sequence learning: a whole-brain fMRI study. <b>1998</b> , 8, 50-61	332
2155	Functional neuroanatomy of the semantic system: divisible by what?. <b>1998</b> , 10, 766-77	330
2154	A functional neuroimaging description of two deep dyslexic patients. <b>1998</b> , 10, 303-15	57
2153	Effects of syntactic structure and propositional number on patterns of regional cerebral blood flow. <b>1998</b> , 10, 541-52	407
2152	An automatic threshold-based scaling method for enhancing the usefulness of Tc-HMPAO SPECT in the diagnosis of Alzheimer's disease. <b>1998</b> , 623-630	26
2151	Limbic Activation and its Relevance to Emotional Disorders. <b>1998</b> , 12, 331-352	8
2150	Knowing where things are parahippocampal involvement in encoding object locations in virtual large-scale space. <b>1998</b> , 10, 61-76	319
2149	Cortical grey matter reductions associated with treatment-resistant chronic unipolar depression. Controlled magnetic resonance imaging study. <b>1998</b> , 172, 527-32	340
2148	Neural basis of an inherited speech and language disorder. <b>1998</b> , 95, 12695-700	338
2147	The Origins of Forgetting in a Case of Isolated Retrograde Amnesia Following a Haemorrhage: Evidence From Functional Imaging. <b>1998</b> , 4, 437-446	31
2146	Prefrontal cortex activity in people with schizophrenia and control subjects. Evidence from positron emission tomography for remission of 'hypofrontality' with recovery from acute schizophrenia. <b>1998</b> , 172, 316-23	96

2145	fMRI Activation Paradigms for the Evaluation of Language Areas in the Human Brain Stability and Clinical Applications. <b>1998</b> , 11, 162-164	1
2144	Pathophysiology of 'positive' thought disorder in schizophrenia. <b>1998</b> , 173, 231-5	122
2143	Where and when to pay attention: the neural systems for directing attention to spatial locations and to time intervals as revealed by both PET and fMRI. <b>1998</b> , 18, 7426-35	948
2142	Visual form of Alzheimer's disease and its response to anticholinesterase therapy. <b>1998</b> , 8, 249-52	14
2141	Reduced levels of GABA-benzodiazepine receptor in alcohol dependency in the absence of grey matter atrophy. <b>1998</b> , 173, 116-22	105
2140	Neural Correlates of Factor-Analyzed OCD Symptom Dimensions: A PET Study. <b>1998</b> , 3, 37-43	141
2139	fMRI study of face perception and memory using random stimulus sequences. <b>1998</b> , 79, 3257-65	117
2138	Absolute PET Quantification with Correction for Partial Volume Effects within Cerebral Structures 1 Transcripts of the BRAINPET97 discussion of this chapter can be found in Section VIII.. <b>1998</b> , 59-66	20
2137	A specific role for the thalamus in mediating the interaction of attention and arousal in humans. <b>1998</b> , 18, 8979-89	300
2136	Subcortical Somatotopy - an fMRI Study. <b>1998</b> , 7, S60	
2135	Necessary and Sufficient Functional Brain Systems: The case for neuroimaging of neuropsychological patients.. <b>1998</b> , 7, S154	
2134	A PET study of the McGurk effect. <b>1998</b> , 7, S163	
2133	Modulation by hypercapnia of activation-related BOLD signal changes in the visual cortex.. <b>1998</b> , 7, S259	2
2132	Brain activation in functional hemispherectomy studied with PET. <b>1998</b> , 7, S499	
2131	Brain systems mediating aversive conditioning: An event related fMRI study. <b>1998</b> , 7, S917	
2130	Time dependent changes in effective connectivity during learning assessed using fMRI. <b>1998</b> , 7, S56	
2129	Command related cortical activation during attempted static handgrip. <b>1998</b> , 7, S411	
2128	CORTICAL MOTOR REORGANIZATION IN AKINETIC PARKINSONIAN PATIENTS : A FUNCTIONAL MAGNETIC RESONANCE IMAGING STUDY. <b>1998</b> , 7, S476	

2127 Brain activation fields for maintenance of standing posture. **1998**, 7, S991

2126 Functional neuroanatomy of vegetative state. **1998**, 7, S104

2125 Maintenance, Switching, & Branching: Charting the Functional Topography of the Prefrontal Cortex with fMRI. **1998**, 7, S13

1

2124 Effects of 3-(4-acetamido)-Butyryl-Lorazepam Acute Administration on Regional Cerebral Glucose Utilization. **1998**, 7, A11

2123 Spatial inhomogeneities of smoothness estimation in 3D PET volumes. **1998**, 7, S748

2122 Cognition alters pain related activity in the lateral pain system. **1998**, 7, S437

3

2121 Bimodal and Modality-Specific Brain Areas Activated During a Spatial Selective Attention Task. **1998**, 7, S11

2120 The Constraints Functional Anatomy places on Cognitive Models of Auditory Word Processing. **1998**, 7, S168

1

2119 Activation of the Motor Areas during Mental Image Formation of Kanji in Transcription Tasks. **1998**, 7, S221

2118 Gender, Hand, and Language Effects in Functional Organization of Brain for Braille Tactile Discrimination Tasks - A fMRI Study.. **1998**, 7, S228

2117 Functions of Parahippocampal Regions and Frontal Lobes in Novelty and Familiarity Assessment for Auditorily Presented Words. **1998**, 7, S823

2116 PET-CBF Studies of Delayed Recognition Memory: Associations with Performance Differ for Men and Women. **1998**, 7, S835

2115 Localization of Neural Basis for Verbal and Visual Working Memory in Human Healthy Volunteers using rCBF PET. **1998**, 7, S870

2114 Role of the non-primary motor cortices in cognitive function independent of motor involvement: A PET study. **1998**, 7, S970

2113 Activation of Overlapping but not Identical Frontal and Parietal Regions by Saccadic Eye Movement and Overt Spatial Attention Tasks. **1998**, 7, S68

2

2112 Neuroanatomical correlates of the reduced EEG correlation dimension during slow wave sleep (SWS): a thalamic hypothesis. **1998**, 7, S127

2111 Regional brain metabolic effects of an acute haloperidol challenge in neuroleptic-responsive and non-responsive schizophrenics. **1998**, 7, S235

2110 Spatial correlation between motor Functional MRI and intraoperative brain mapping in brain tumors: a double blind, prospective study.. **1998**, 7, S458

- 2109 Quantitative MRI in patients with juvenile myoclonic epilepsy (JME): an objective voxel based comparison of structural imaging data. **1998**, 7, S502 1
- 2108 Satterthwaite Corrections For Homogeneity of Variance Assumption Failures in Functional Magnetic Resonance Imaging for a Simple Motor Task. **1998**, 7, S608 1
- 2107 V3 activates proportionately with frontoparallel optic flow coherence level.. **1998**, 7, S317
- 2106 Performance Level and Cognitive Load as Determinants of Blood Flow Activation during an N-Back Working Memory Paradigm. **1998**, 7, S859
- 2105 Loss of visual feedback : compensatory parietal and frontal rCBF increases during bimanual coordination. **1998**, 7, S976
- 2104 Paranoia, Perceiving Threat where there is None: An H2150 Pet Study of Mesotemporal Function in Schizophrenia. **1998**, 7, S95
- 2103 Recognition of familiar people from their voices: A PET study. **1998**, 7, S832
- 2102 DECREASED ORBITOFRONTAL ACTIVATION IN MANIA: AN H2150 PET ACTIVATION STUDY. **1998**, 7, S896 1
- 2101 Lateralization of cerebellar activation in word retrieval is ruled by the location of Broca's area. PET evidence in normal controls and in a left-handed epileptic patient.. **1998**, 7, S143
- 2100 Comparing Univariate and Multivariate analyses of [15O]water PET and fMRI data sets. **1998**, 7, S768
- 2099 Neuroanatomy of human fear conditioning: brain activity specifically related to stimuli processing and memory formation.. **1998**, 7, S914
- 2098 Role of the human rostral supplementary motor area and the basal ganglia in motor sequence control: investigations with H2 15O PET. **1998**, 79, 1070-80 213
- 2097 Brain Mapping of the Effects of Aging on Histamine H 1 Receptors in Humans: A PET Study with [ 11 C]Doxepin. **1998**, 207-214 3
- 2096 Whole Brain fMRI of a Go/ No Go Task. **1998**, 7, S971 6
- 2095 Neuroanatomical substrates of Arabic number processing, numerical comparison and simple addition: A PET study.. **1998**, 7, S231
- 2094 Regional metabolic impairments in a case of vegetative state A lesional approach to the study of consciousness. **1998**, 7, S103
- 2093 The Activation of the Supplementary Motor Area and the Premotor Area in Counting Strokes of Kanji: An fMRI Study. **1998**, 7, S223
- 2092 Regional Cerebral Blood Flow Changes during Learning and Retrieval of Word Pair Associates in Patients with Left Temporal Lobe Epilepsy. **1998**, 7, S840 1

2091	Neural response in prediction compared to reporting: an fMRI study. <b>1998</b> , 7, S887	
2090	Differential Activation of Dorsal Basal Ganglia During Externally and Self Paced Sequences of Arm Movement. <b>1998</b> , 7, S994	
2089	Effect of a single dose of fluoxetine (Prozac <sup>®</sup> ) and fenozolone (Ordinator <sup>®</sup> ) on fMRI measurement of brain activity during hand sensorimotor tasks.. <b>1998</b> , 7, S238	2
2088	The cortical site for the generation of forms from motion. <b>1998</b> , 7, S329	5
2087	A PET activation study of dynamic mechanical allodynia. <b>1998</b> , 7, S428	2
2086	Neurophysiological activation during an N-back working memory paradigm: Changes in response over time. <b>1998</b> , 7, S860	
2085	The Inner Representation of the Self: PET activation study. <b>1998</b> , 7, S348	
2084	Analysis of neural interactions explains the activation of occipital cortex by an auditory stimulus. <b>1998</b> , 80, 2790-6	80
2083	Activation of the right inferior frontal cortex during assessment of facial emotion. <b>1999</b> , 82, 1610-4	214
2082	Differential neural responses during performance of matching and nonmatching to sample tasks at two delay intervals. <b>1999</b> , 19, 5066-73	155
2081	Command-related distribution of regional cerebral blood flow during attempted handgrip. <b>1999</b> , 86, 819-24	46
2080	A PET study of sequential finger movements of varying length in patients with Parkinson's disease. <b>1999</b> , 122 ( Pt 3), 483-95	188
2079	Activities of the primary and supplementary motor areas increase in preparation and execution of voluntary muscle relaxation: an event-related fMRI study. <b>1999</b> , 19, 3527-34	124
2078	Anatomically Driven Strategies for High-Dimensional Brain Image Warping and Pathology Detection. <b>1999</b> , 311-336	19
2077	Mesial motor areas in self-initiated versus externally triggered movements examined with fMRI: effect of movement type and rate. <b>1999</b> , 81, 3065-77	365
2076	Amygdala-hippocampal involvement in human aversive trace conditioning revealed through event-related functional magnetic resonance imaging. <b>1999</b> , 19, 10869-76	396
2075	Choosing between small, likely rewards and large, unlikely rewards activates inferior and orbital prefrontal cortex. <b>1999</b> , 19, 9029-38	671
2074	Cortical and subcortical control of tongue movement in humans: a functional neuroimaging study using fMRI. <b>1999</b> , 86, 1468-77	118

2073	Activity of midbrain reticular formation and neocortex during the progression of human non-rapid eye movement sleep. <b>1999</b> , 19, 10065-73	227
2072	Recollection and familiarity in recognition memory: an event-related functional magnetic resonance imaging study. <b>1999</b> , 19, 3962-72	696
2071	Rationale and design of the European Computerized Human Brain Database System.	1
2070	Perceptual differentiation and category effects in normal object recognition: a PET study. <b>1999</b> , 122 ( Pt 11), 2159-70	99
2069	Disrupted temporal lobe connections in semantic dementia. <b>1999</b> , 122 ( Pt 1), 61-73	360
2068	Design of an Internet accessible visual human brain database system.	1
2067	Context-dependent, neural system-specific neurophysiological concomitants of ageing: mapping PET correlates during cognitive activation. <b>1999</b> , 122 ( Pt 5), 963-79	181
2066	The neural consequences of conflict between intention and the senses. <b>1999</b> , 122 ( Pt 3), 497-512	415
2065	Frontal, midbrain and striatal dopaminergic function in early and advanced Parkinson's disease A 3D [(18)F]dopa-PET study. <b>1999</b> , 122 ( Pt 9), 1637-50	228
2064	Mechanisms underlying gait disturbance in Parkinson's disease: a single photon emission computed tomography study. <b>1999</b> , 122 ( Pt 7), 1271-82	232
2063	The neural correlates of verb and noun processing. A PET study. <b>1999</b> , 122 ( Pt 12), 2337-44	371
2062	Brain activation during maintenance of standing postures in humans. <b>1999</b> , 122 ( Pt 2), 329-38	209
2061	Hybrid wavelet/neural network analysis of differences in functional brain images.	
2060	Delineating necessary and sufficient neural systems with functional imaging studies of neuropsychological patients. <b>1999</b> , 11, 371-82	148
2059	A functional neuroimaging study of the variables that generate category-specific object processing differences. <b>1999</b> , 122 ( Pt 5), 943-62	269
2058	Mapping the network for planning: a correlational PET activation study with the Tower of London task. <b>1999</b> , 122 ( Pt 10), 1973-87	311
2057	Language dominance determined by whole brain functional MRI in patients with brain lesions. <b>1999</b> , 52, 798-809	299
2056	Haemodynamic brain responses to acute pain in humans: sensory and attentional networks. <b>1999</b> , 122 ( Pt 9), 1765-80	482



2055	Aging and recognition memory: changes in regional cerebral blood flow associated with components of reaction time distributions. <b>1999</b> , 11, 511-20	60
2054	Brain regions associated with episodic retrieval in normal aging and Alzheimer's disease. <b>1999</b> , 52, 1861-70	178
2053	Covariation of activity in visual and prefrontal cortex associated with subjective visual perception. <b>1999</b> , 96, 1669-73	264
2052	The functional neuroanatomy of comprehension and memory: the importance of prior knowledge. <b>1999</b> , 122 ( Pt 10), 1839-50	236
2051	Linguistic threat activates the human amygdala. <b>1999</b> , 96, 10456-9	283
2050	Cross-correlation technique to identify activated pixels in a three-condition fMRI task. <b>1999</b> , 46, 520-526	3
2049	Brain structures related to active and passive finger movements in man. <b>1999</b> , 122 ( Pt 10), 1989-97	222
2048	Neuroimaging of genesis and satiation of thirst and an interoceptor-driven theory of origins of primary consciousness. <b>1999</b> , 96, 5304-9	151
2047	A functional imaging study of translation and language switching. <b>1999</b> , 122 ( Pt 12), 2221-35	327
2046	Sensory processing in Parkinson's and Huntington's disease: investigations with 3D H(2)(15)O-PET. <b>1999</b> , 122 ( Pt 9), 1651-65	170
2045	The effects of learning and intention on the neural network involved in the perception of meaningless actions. <b>1999</b> , 122 ( Pt 10), 1875-87	177
2044	Episodic retrieval activates the precuneus irrespective of the imagery content of word pair associates. A PET study. <b>1999</b> , 122 ( Pt 2), 255-63	155
2043	Functional neuroimaging of speech perception in six normal and two aphasic subjects. <b>1999</b> , 106, 449-57	164
2042	Dissociable neural responses to facial expressions of sadness and anger. <b>1999</b> , 122 ( Pt 5), 883-93	1001
2041	Auditory priming within and across modalities: evidence from positron emission tomography. <b>1999</b> , 11, 337-48	93
2040	Hysterical paralyses as disorders of action. <b>1999</b> , 4, 203-26	37
2039	A subcortical pathway to the right amygdala mediating "unseen" fear. <b>1999</b> , 96, 1680-5	1062
2038	Human hippocampus associates information in memory. <b>1999</b> , 96, 5884-9	240

2037	Imaging strategies in depression. <b>1999</b> , 13, 346-51	23
2036	Principal component analysis of the dynamic response measured by fMRI: a generalized linear systems framework. <b>1999</b> , 17, 795-815	157
2035	Post-registration spatial filtering to reduce noise in functional MRI data sets. <b>1999</b> , 17, 1371-82	9
2034	Task-specific deactivation patterns in functional magnetic resonance imaging. <b>1999</b> , 17, 1427-36	56
2033	Activation of reward circuitry in human opiate addicts. <b>1999</b> , 11, 1042-8	107
2032	Network analysis in episodic encoding and retrieval of word-pair associates: a PET study. <b>1999</b> , 11, 3293-301	51
2031	Brain activity underlying stereotyped and non-stereotyped retrieval of learned stimulus-response associations. <b>1999</b> , 11, 4037-50	10
2030	PET study on central processing of pain in trigeminal neuropathy. <b>1999</b> , 3, 51-65	32
2029	Correlation between structural and functional changes in brain in an idiopathic headache syndrome. <b>1999</b> , 5, 836-8	446
2028	In vivo evidence for post-adolescent brain maturation in frontal and striatal regions. <b>1999</b> , 2, 859-61	1150
2027	Functional MRI localisation of central nervous system regions associated with volitional inspiration in humans. <b>1999</b> , 520 Pt 2, 383-92	111
2026	Idiopathic rolandic epilepsy with "interictal" facial myoclonia and oromotor deficit: a longitudinal EEG and PET study. <b>1999</b> , 40, 614-20	47
2025	Mesolimbic activity associated with psychosis in schizophrenia. Symptom-specific PET studies. <b>1999</b> , 877, 562-74	100
2024	The effect of the nitric oxide synthase inhibitor L-NMMA on basal CBF and vasoneuronal coupling in man: a PET study. <b>1999</b> , 19, 673-8	51
2023	Multiresolution analysis of emission tomography images in the wavelet domain. <b>1999</b> , 19, 1189-208	108
2022	Cerebral functional magnetic resonance imaging activation modulated by a single dose of the monoamine neurotransmission enhancers fluoxetine and fenozolone during hand sensorimotor tasks. <b>1999</b> , 19, 1365-75	63
2021	A large-scale distributed network for covert spatial attention: further anatomical delineation based on stringent behavioural and cognitive controls. <b>1999</b> , 122 ( Pt 6), 1093-106	561
2020	Word and picture matching: a PET study of semantic category effects. <b>1999</b> , 37, 293-306	280

2019	Ventromedial prefrontal cortex mediates guessing. <b>1999</b> , 37, 403-11	168
2018	Dynamic changes in the functional anatomy of the human brain during recall of abstract designs related to practice. <b>1999</b> , 37, 567-87	48
2017	Saying it with feeling: neural responses to emotional vocalizations. <b>1999</b> , 37, 1155-63	181
2016	Common effects of emotional valence, arousal and attention on neural activation during visual processing of pictures. <b>1999</b> , 37, 989-97	408
2015	Gender effects on odor-stimulated functional magnetic resonance imaging. <b>1999</b> , 818, 480-7	134
2014	Mapping of secondary somatosensory cortex activation induced by vibrational stimulation: an fMRI study. <b>1999</b> , 824, 291-5	68
2013	Changes in occipital cortex activity in early blind humans using a sensory substitution device. <b>1999</b> , 826, 128-34	94
2012	No evidence of altered in vivo benzodiazepine receptor binding in schizophrenia. <b>1999</b> , 20, 650-61	43
2011	fMRI studies of visual cortical activity during noise stimulation. <b>1999</b> , 26-27, 511-516	22
2010	Enhanced lateral premotor activity during paradoxical gait in Parkinson's disease. <b>1999</b> , 45, 329-36	184
2009	Period of susceptibility for cross-modal plasticity in the blind. <b>1999</b> , 45, 451-60	272
2008	Functional magnetic resonance imaging in spontaneous attacks of SUNCT: short-lasting neuralgiform headache with conjunctival injection and tearing. <b>1999</b> , 46, 791-4	298
2007	Encoding and retrieval in human medial temporal lobes: an empirical investigation using functional magnetic resonance imaging (fMRI). <b>1999</b> , 9, 25-34	68
2006	Medial temporal lobe activations in fMRI and PET studies of episodic encoding and retrieval. <b>1999</b> , 9, 7-24	497
2005	Positron emission tomography correlations in and beyond medial temporal lobes. <b>1999</b> , 9, 71-82	63
2004	Parametric fMRI analysis of visual encoding in the human medial temporal lobe. <b>1999</b> , 9, 637-43	38
2003	Functional imaging of the visual cortex with bold-contrast MRI: hyperventilation decreases signal response. <b>1999</b> , 41, 213-6	61
2002	Detecting activations in event-related fMRI using analysis of variance. <b>1999</b> , 42, 1117-22	44

2001	Adult age differences in the functional neuroanatomy of verbal recognition memory. <i>Human Brain Mapping</i> , <b>1999</b> , 7, 115-35	5.9	214
2000	Learning-related effects and functional neuroimaging. <i>Human Brain Mapping</i> , <b>1999</b> , 7, 234-43	5.9	16
1999	PET study of the human foveal fixation system. <i>Human Brain Mapping</i> , <b>1999</b> , 8, 28-43	5.9	59
1998	Hypometabolism in the limbic system of cancer patients observed by positron emission tomography. <b>1999</b> , 8, 283-6		21
1997	Noradrenergically mediated plasticity in a human attentional neuronal network. <b>1999</b> , 10, 705-15		128
1996	Covariation of activity in habenula and dorsal raphe nuclei following tryptophan depletion. <b>1999</b> , 10, 163-72		206
1995	Verb generation in Japanese--A multicenter PET activation study. <b>1999</b> , 9, 154-64		12
1994	PET studies of syntactic processing with auditory sentence presentation. <b>1999</b> , 9, 343-51		235
1993	Three distinct ventral occipitotemporal regions for reading and object naming. <b>1999</b> , 10, 181-92		285
1992	Right prefrontal cortex and episodic memory retrieval: a functional MRI test of the monitoring hypothesis. <b>1999</b> , 122 ( Pt 7), 1367-81		387
1991	Brain activation related to the change between bimanual motor programs. <b>1999</b> , 9, 290-7		35
1990	The effect of normal aging on the coupling of neural activity to the bold hemodynamic response. <b>1999</b> , 10, 6-14		393
1989	The predictive value of changes in effective connectivity for human learning. <b>1999</b> , 283, 1538-41		364
1988	Application of Bayesian inference to fMRI data analysis. <b>1999</b> , 18, 1138-53		34
1987	Apolipoprotein E and Alzheimer's Disease. <b>1999</b> , 11, 411-420		4
1986	Transient acute depression induced by high-frequency deep-brain stimulation. <b>1999</b> , 340, 1476-80		583
1985	Incorporation of SPECT imaging in a longitudinal cognitive rehabilitation therapy programme. <b>1999</b> , 13, 555-70		30
1984	Activation detection in functional MRI using subspace modeling and maximum likelihood estimation. <b>1999</b> , 18, 101-14		55

1983	The neural correlates of updating information in verbal working memory. <b>1999</b> , 7, 549-60	50
1982	Imaging episodic memory: implications for cognitive theories and phenomena. <b>1999</b> , 7, 585-97	6
1981	Right prefrontal cortex responds to item familiarity during a memory encoding task. <b>1999</b> , 7, 703-13	9
1980	FDG-PET analysis and findings in amnesia resulting from hypoxia. <b>1999</b> , 7, 599-612	48
1979	Patterns of brain activity in patients with epilepsy and depression. <b>1999</b> , 8, 390-7	9
1978	Neural modeling, functional brain imaging, and cognition. <b>1999</b> , 3, 91-98	204
1977	Exploring brain function with magnetic resonance imaging. <b>1999</b> , 30, 84-94	53
1976	Increased activity in human visual cortex during directed attention in the absence of visual stimulation. <b>1999</b> , 22, 751-61	1300
1975	Form and content: dissociating syntax and semantics in sentence comprehension. <b>1999</b> , 24, 427-32	558
1974	Brain metabolic changes in major depressive disorder from pre- to post-treatment with paroxetine. <b>1999</b> , 91, 127-39	202
1973	Temporal isolation of the neural correlates of spatial mnemonic processing with fMRI. <b>1999</b> , 7, 255-68	102
1972	Frontal cortex and the programming of repetitive tapping movements in man: lesion effects and functional neuroimaging. <b>1999</b> , 8, 17-25	26
1971	The time course of the BOLD response in the human auditory cortex to acoustic stimuli of different duration. <b>1999</b> , 8, 117-24	33
1970	Abnormal motor cortex organization contralateral to early upper limb amputation in humans. <b>1999</b> , 263, 41-4	60
1969	Attention modulates activity in the primary and the secondary auditory cortex: a functional magnetic resonance imaging study in human subjects. <b>1999</b> , 266, 125-8	210
1968	Motivation effects in a dichotic listening task as evident from functional magnetic resonance imaging in human subjects. <b>1999</b> , 267, 29-32	13
1967	Left hemisphere activation during processing of morphologically complex word forms in adults. <b>1999</b> , 271, 85-8	43
1966	Analysis of music-brain interaction with simultaneous measurement of regional cerebral blood flow and electroencephalogram beta rhythm in human subjects. <b>1999</b> , 275, 222-6	47

1965	A PET activation study of dynamic mechanical allodynia in patients with mononeuropathy. <b>1999</b> , 83, 459-470	135
1964	A positron emission tomography study of self-paced finger movements at different frequencies. <b>1999</b> , 92, 107-12	52
1963	Spatial and temporal mapping of neural activity associated with auditory hallucinations. <b>1999</b> , 353, 644	85
1962	Brain regions involved in articulation. <b>1999</b> , 353, 1057-61	438
1961	Somatomotor fMRI in the pre-surgical evaluation of a case of focal epilepsy. <b>1999</b> , 54, 301-3	11
1960	Executive dysfunction in Alzheimer's disease. <b>1999</b> , 35, 57-72	134
1959	Delusions in Alzheimer's disease: spet evidence of right hemispheric dysfunction. <b>1999</b> , 35, 549-60	72
1958	Functional neuroanatomy of hypnotic state. <b>1999</b> , 45, 327-33	186
1957	SPECT study of visual fixation in schizophrenia and comparison subjects. <b>1999</b> , 46, 89-93	53
1956	Neurochemical brain imaging investigations of schizophrenia. <b>1999</b> , 46, 600-15	78
1955	Anger in healthy men: a PET study using script-driven imagery. <b>1999</b> , 46, 466-72	226
1954	Rapid assessment of regional cerebral metabolic abnormalities in single subjects with quantitative and nonquantitative [18F]FDG PET: A clinical validation of statistical parametric mapping. <b>1999</b> , 9, 63-80	221
1953	Dual-process model in semantic priming: A functional imaging perspective. <b>1999</b> , 9, 516-25	137
1952	fMRI and PET of self-paced finger movement: comparison of intersubject stereotaxic averaged data. <b>1999</b> , 10, 430-47	42
1951	Second order components of moving plaids activate extrastriate cortex: a positron emission tomography study. <b>1999</b> , 9, 227-34	20
1950	Transient neural activity in the medial superior frontal gyrus and precuneus time locked with attention shift between object features. <b>1999</b> , 10, 193-9	157
1949	Speed-dependent responses in V5: A replication study. <b>1999</b> , 9, 508-15	56
1948	The large-scale neural network for spatial attention displays multifunctional overlap but differential asymmetry. <b>1999</b> , 9, 269-77	296

1947	Neuroanatomic overlap of working memory and spatial attention networks: a functional MRI comparison within subjects. <b>1999</b> , 10, 695-704	445
1946	Plurality and resemblance in fMRI data analysis. <b>1999</b> , 10, 282-303	112
1945	Voxel-by-voxel comparison of automatically segmented cerebral gray matter--A rater-independent comparison of structural MRI in patients with epilepsy. <b>1999</b> , 10, 373-84	167
1944	Effective auditory-verbal encoding activates the left prefrontal and the medial temporal lobes: A generalization to illiterate subjects. <b>1999</b> , 10, 45-54	24
1943	Selective visual and auditory attention toward utterances-a PET study. <b>1999</b> , 10, 209-15	45
1942	Ambiguous results in functional neuroimaging data analysis due to covariate correlation. <b>1999</b> , 10, 483-6	106
1941	The effect of slice order and thickness on fMRI activation data using multislice echo-planar imaging. <b>1999</b> , 9, 363-76	36
1940	Intracranial vessels in trigeminal transmitted pain: A PET study. <b>1999</b> , 9, 453-60	38
1939	Human cortical areas activated in relation to vergence eye movements-a PET study. <b>1999</b> , 10, 200-8	24
1938	Validation of statistical parametric mapping (SPM) in assessing cerebral lesions: A simulation study. <b>1999</b> , 10, 397-407	49
1937	The cerebellum contributes to somatosensory cortical activity during self-produced tactile stimulation. <b>1999</b> , 10, 448-59	147
1936	Neuronal mechanisms of perceptual learning: changes in human brain activity with training in orientation discrimination. <b>1999</b> , 9, 46-62	121
1935	A study of injected dose for brain mapping on the ECAT HR+: activation maps for a parametric verbal working memory task. <b>1999</b> , 9, 145-53	5
1934	Subregions within the supplementary motor area activated at different stages of movement preparation and execution. <b>1999</b> , 9, 117-23	191
1933	Localizing age-related changes in brain structure between childhood and adolescence using statistical parametric mapping. <b>1999</b> , 9, 587-97	440
1932	Assessment of spatial normalization of PET ligand images using ligand-specific templates. <b>1999</b> , 9, 545-53	157
1931	The sensory somatotopic map of the human hand demonstrated at 4 Tesla. <b>1999</b> , 10, 55-62	146
1930	Event-related functional magnetic resonance imaging: modelling, inference and optimization. <b>1999</b> , 354, 1215-28	358

1929	Statistical limitations in functional neuroimaging. II. Signal detection and statistical inference. <b>1999</b> , 354, 1261-81	137
1928	Impaired effective cortical connectivity in vegetative state: preliminary investigation using PET. <b>1999</b> , 9, 377-82	314
1927	Mapping of grey matter changes in schizophrenia. <b>1999</b> , 35, 1-14	193
1926	Decreased frontal activation in schizophrenics during stimulation with the continuous performance test--a functional magnetic resonance imaging study. <b>1999</b> , 14, 17-24	99
1925	Explicit and implicit processing of words and pseudowords by adult developmental dyslexics: A search for Wernicke's Wortschatz?. <b>1999</b> , 122 ( Pt 10), 1901-17	434
1924	Brain mechanisms associated with depressive relapse and associated cognitive impairment following acute tryptophan depletion. <b>1999</b> , 174, 525-9	107
1923	The human amygdala plays an important role in gaze monitoring. A PET study. <b>1999</b> , 122 ( Pt 4), 779-83	353
1922	Neural representation of a rhythm depends on its interval ratio. <b>1999</b> , 19, 10074-81	153
1921	Cluster headache: new perspectives. <b>1999</b> , 19 Suppl 25, 39-41	11
1920	Functional differentiation of medial temporal and frontal regions involved in processing novel and familiar words: an fMRI study. <b>1999</b> , 122 ( Pt 10), 1963-71	116
1919	Abnormal cerebral structure in juvenile myoclonic epilepsy demonstrated with voxel-based analysis of MRI. <b>1999</b> , 122 ( Pt 11), 2101-8	270
1918	Functional anatomy of verbal fluency in people with schizophrenia and those at genetic risk. Focal dysfunction and distributed disconnectivity reappraised. <b>2000</b> , 176, 52-60	174
1917	Fear conditioning and brain activity: A positron emission tomography study in humans.. <b>2000</b> , 114, 671-680	60
1916	Emotional responses to pleasant and unpleasant olfactory, visual, and auditory stimuli: a positron emission tomography study. <b>2000</b> , 20, 7752-9	330
1915	Neural activity relating to generation and representation of galvanic skin conductance responses: a functional magnetic resonance imaging study. <b>2000</b> , 20, 3033-40	620
1914	Methodological Aspects of Functional Image Acquisition and Processing. <b>2000</b> , 13, 95-98	
1913	Stochastic Resonance in the Human Visual System: A fMRI Study. <b>2000</b> , 13, 119-123	
1912	Functional Localization of Language Brain Areas by Means of a Lexical Decision Task. <b>2000</b> , 13, 139-147	1



1911	Extramotor involvement in ALS: PET studies with the GABA(A) ligand [(11)C]flumazenil. <b>2000</b> , 123 (Pt 11), 2289-96		149
1910	Verbal self-monitoring in deaf subjects using cochlear implants. <b>2000</b> , 1, 45-54		0
1909	Reproducibility of PET brain mapping of cancer patients. <b>2000</b> , 9, 157-63		9
1908	Updating working memory for words: a PET activation study. <i>Human Brain Mapping</i> , <b>2000</b> , 9, 42-54	5.9	72
1907	Human brain areas involved in the analysis of auditory movement. <i>Human Brain Mapping</i> , <b>2000</b> , 9, 72-80	5.9	101
1906	Voxel-based analysis of confounding effects of age and dementia severity on cerebral metabolism in Alzheimer's disease. <i>Human Brain Mapping</i> , <b>2000</b> , 10, 39-48	5.9	68
1905	Effects of attention on dichotic listening: an 15O-PET study. <i>Human Brain Mapping</i> , <b>2000</b> , 10, 87-97	5.9	93
1904	Conjunction analysis of cortical activations common to encoding and retrieval. <b>2000</b> , 51, 39-44		36
1903	Functional neuroimaging of memory: implications for cognitive aging. <b>2000</b> , 51, 75-84		32
1902	Analysis of a distributed neural system involved in spatial information, novelty, and memory processing. <i>Human Brain Mapping</i> , <b>2000</b> , 11, 117-29	5.9	58
1901	Disturbed functional brain interactions underlying deficient tactile object discrimination in Parkinson's disease. <i>Human Brain Mapping</i> , <b>2000</b> , 11, 131-45	5.9	22
1900	Brain processing of visual sexual stimuli in human males. <i>Human Brain Mapping</i> , <b>2000</b> , 11, 162-77	5.9	442
1899	Estimation and detection of event-related fMRI signals with temporally correlated noise: a statistically efficient and unbiased approach. <i>Human Brain Mapping</i> , <b>2000</b> , 11, 249-60	5.9	190
1898	A voxel-based morphometry study of semantic dementia: Relationship between temporal lobe atrophy and semantic memory. <b>2000</b> , 47, 36-45		800
1897	Impaired reading in patients with right hemianopia. <b>2000</b> , 47, 171-178		70
1896	Neural consequences of competing stimuli in both visual hemifields: A physiological basis for visual extinction. <b>2000</b> , 47, 440-446		70
1895	Cortical areas differentially involved in multiplication and subtraction: A functional magnetic resonance imaging study and correlation with a case of selective acalculia. <b>2000</b> , 48, 657-661		144
1894	Delayed recovery of movement-related cortical function in Parkinson's disease after striatal dopaminergic grafts. <b>2000</b> , 48, 689-695		211

1893	Patterns of hippocampal-cortical interaction dissociate temporal lobe memory subsystems. <b>2000</b> , 10, 475-82	158
1892	Methodological issues in pediatric neuroimaging. <b>2000</b> , 6, 161-5	56
1891	Brain abnormalities observed in childhood-onset schizophrenia: a review of the structural magnetic resonance imaging literature. <b>2000</b> , 6, 180-5	24
1890	Quantitative single photon emission tomography analysis for the diagnosis of transient global amnesia: adaptation of statistical parametric mapping. <b>2000</b> , 54, 691-4	13
1889	Simultaneous movements of upper and lower limbs are coordinated by motor representations that are shared by both limbs: a PET study. <b>2000</b> , 12, 3385-98	78
1888	Functional neuroanatomy of human sleep states after zolpidem and placebo: a H215O-PET study. <b>2000</b> , 9, 161-73	35
1887	Functional neuroimaging of normal human sleep by positron emission tomography. <b>2000</b> , 9, 207-31	565
1886	Decomposing memory: functional assignments and brain traffic in paired word associate learning. <b>2000</b> , 13, 923-40	19
1885	Neural modeling and functional brain imaging: an overview. <b>2000</b> , 13, 829-46	96
1884	Imaging and neural modelling in episodic and working memory processes. <b>2000</b> , 13, 847-59	36
1883	Mapping the visual recognition memory network with PET in the behaving baboon. <b>2000</b> , 20, 213-9	30
1882	Neural substrate for the effects of passive training on sensorimotor cortical representation: a study with functional magnetic resonance imaging in healthy subjects. <b>2000</b> , 20, 478-84	134
1881	Statistical modeling of positron emission tomography images in wavelet space. <b>2000</b> , 20, 1610-8	32
1880	Distinct representations of eye gaze and identity in the distributed human neural system for face perception. <b>2000</b> , 3, 80-4	978
1879	A direct quantitative relationship between the functional properties of human and macaque V5. <b>2000</b> , 3, 716-23	501
1878	Functional neuroimaging of cognition impaired by a classical antihistamine, d-chlorpheniramine. <b>2000</b> , 129, 115-23	88
1877	Fixation-off sensitivity as a model of continuous epileptiform discharges: electroencephalographic, neuropsychological and functional MRI findings. <b>2000</b> , 42, 1-6	29
1876	Levels of $\gamma$ -Aminobutyric Acid-Benzodiazepine Receptors in Abstinent, Alcohol-Dependent Women: Preliminary Findings From an $^{123}\text{I}$ -Iomazenil Single Photon Emission Tomography Study. <b>2000</b> , 24, 1449-1455	24

1875	Cerebral correlates of autonomic cardiovascular arousal: a functional neuroimaging investigation in humans. <b>2000</b> , 523 Pt 1, 259-70	572
1874	Human inferior parietal cortex programs the action class of grasping. <b>2000</b> , 1, 89-97	14
1873	Time course of pharmacodynamic and pharmacokinetic effects of physostigmine assessed by functional brain imaging in humans. <b>2000</b> , 66, 475-81	28
1872	Hemispheric asymmetries and individual differences in visual concept learning as measured by functional MRI. <b>2000</b> , 38, 1316-24	119
1871	Neural substrates for the recognition of newly learned faces: a functional MRI study. <b>2000</b> , 38, 1616-25	36
1870	'Where' depends on 'what': a differential functional anatomy for position discrimination in one-versus two-dimensions. <b>2000</b> , 38, 1741-8	59
1869	Categorization and category effects in normal object recognition: a PET study. <b>2000</b> , 38, 1693-703	87
1868	Reading the mind in cartoons and stories: an fMRI study of 'theory of mind' in verbal and nonverbal tasks. <b>2000</b> , 38, 11-21	1184
1867	The calculating brain: an fMRI study. <b>2000</b> , 38, 325-35	245
1866	Recoding, storage, rehearsal and grouping in verbal short-term memory: an fMRI study. <b>2000</b> , 38, 426-40	274
1865	Orienting attention in time: behavioural and neuroanatomical distinction between exogenous and endogenous shifts. <b>2000</b> , 38, 808-19	357
1864	Noun imageability and the temporal lobes. <b>2000</b> , 38, 985-94	122
1863	Patterns of regional brain activation associated with different forms of motor learning. <b>2000</b> , 871, 127-45	299
1862	Individual differences in the functional neuroanatomy of verbal discrimination learning revealed by positron emission tomography. <b>2000</b> , 105, 141-57	13
1861	Episodic encoding and recognition of pictures and words: role of the human medial temporal lobes. <b>2000</b> , 105, 159-79	44
1860	Gender differences in regional brain response to visceral pressure in IBS patients. <b>2000</b> , 4, 157-72	142
1859	The importance of the control group in functional brain imaging. <b>2000</b> , 27, 1420	9
1858	Inaudible high-frequency sounds affect brain activity: hypersonic effect. <b>2000</b> , 83, 3548-58	69

1857	Cerebral perfusion in chronic fatigue syndrome and depression. <b>2000</b> , 176, 550-6	72
1856	Learning- and expectation-related changes in the human brain during motor learning. <b>2000</b> , 84, 3026-35	109
1855	Human cerebellum plays an important role in memory-timed finger movement: an fMRI study. <b>2000</b> , 83, 1079-87	105
1854	Functional mapping of human brain in olfactory processing: a PET study. <b>2000</b> , 84, 1656-66	120
1853	Cortical activity in precision- versus power-grip tasks: an fMRI study. <b>2000</b> , 83, 528-36	483
1852	Conscious and unconscious processing of nonverbal predictability in Wernicke's area. <b>2000</b> , 20, 1975-81	82
1851	Texture segregation in the human visual cortex: A functional MRI study. <b>2000</b> , 83, 2453-7	136
1850	BOLD fMRI response of early visual areas to perceived contrast in human amblyopia. <b>2000</b> , 84, 1907-13	86
1849	Selective spatial attention in vision and touch: unimodal and multimodal mechanisms revealed by PET. <b>2000</b> , 83, 3062-75	100
1848	Movement Disorders: Parkinson's Disease. <b>2000</b> , 241-261	8
1847	Experimental Design and Statistical Issues. <b>2000</b> , 33-58	15
1846	Functional Maps and Brain Networks. <b>2000</b> , 111-139	4
1845	The effects of presentation rate during word and pseudoword reading: a comparison of PET and fMRI. <b>2000</b> , 12 Suppl 2, 145-56	100
1844	Functional anatomy of high-resolution visual mental imagery. <b>2000</b> , 12, 98-109	114
1843	Brain activation during mental transformation of size. <b>2000</b> , 12, 763-74	16
1842	An event-related neuroimaging study distinguishing form and content in sentence processing. <b>2000</b> , 12, 120-33	368
1841	Contrasting cortical and subcortical activations produced by attentional-set shifting and reversal learning in humans. <b>2000</b> , 12, 142-62	369
1840	Functional changes in brain activity during priming in Alzheimer's disease. <b>2000</b> , 12, 134-41	42

1839	Confidence in recognition memory for words: dissociating right prefrontal roles in episodic retrieval. <b>2000</b> , 12, 913-23	289
1838	Neuroanatomical substrates of arabic number processing, numerical comparison, and simple addition: a PET study. <b>2000</b> , 12, 461-79	353
1837	Shifting from the perceptual brain to the logical brain: the neural impact of cognitive inhibition training. <b>2000</b> , 12, 721-8	295
1836	Disease-Specific Brain Atlases. <b>2000</b> , 131-177	8
1835	Analysis of fMRI time series with mixtures of Gaussians. <b>2000</b> ,	0
1834	The effects of divided attention on encoding- and retrieval-related brain activity: A PET study of younger and older adults. <b>2000</b> , 12, 775-92	179
1833	Selective right parietal lobe activation during mental rotation: a parametric PET study. <b>2000</b> , 123 ( Pt 1), 65-73	253
1832	Language processing modulated by literacy: a network analysis of verbal repetition in literate and illiterate subjects. <b>2000</b> , 12, 364-82	113
1831	Functional neuroanatomy of the cognitive process of mapping during discourse comprehension. <b>2000</b> , 11, 255-60	156
1830	Age-related differences in neural activity during item and temporal-order memory retrieval: a positron emission tomography study. <b>2000</b> , 12, 197-206	207
1829	Differential effects of word length and visual contrast in the fusiform and lingual gyri during reading. <b>2000</b> , 267, 1909-13	164
1828	Category differences in brain activation studies: where do they come from?. <b>2000</b> , 267, 1253-8	29
1827	Maintaining and shifting attention within left or right hemifield. <b>2000</b> , 10, 706-13	45
1826	Data mining in brain imaging. <b>2000</b> , 9, 359-94	38
1825	A resource model of the neural basis of executive working memory. <b>2000</b> , 97, 3573-3578	178
1824	Cortical motor reorganization in akinetic patients with Parkinson's disease: a functional MRI study. <b>2000</b> , 123 ( Pt 2), 394-403	505
1823	Comparison of brain activation during word retrieval done silently and aloud using fMRI. <b>2000</b> , 42, 201-17	83
1822	Language localization in cases of left temporal lobe arachnoid cyst: evidence against interhemispheric reorganization. <b>2000</b> , 75, 347-58	28

1821	Hemispheric asymmetries for whole-based and part-based face processing in the human fusiform gyrus. <b>2000</b> , 12, 793-802	339
1820	Contralateral monocular dominance in anterior visual cortex confirmed by functional magnetic resonance imaging. <b>2000</b> , 130, 821-4	12
1819	A fenfluramine-activated FDG-PET study of borderline personality disorder. <b>2000</b> , 47, 540-7	231
1818	Neural responses associated with cue evoked emotional states and heroin in opiate addicts. <b>2000</b> , 60, 207-16	194
1817	Increased cortical activation during hearing of speech in cochlear implant users. <b>2000</b> , 143, 139-46	53
1816	Pain-related cerebral activation is altered by a distracting cognitive task. <b>2000</b> , 85, 19-30	309
1815	Histamine H(1) receptors in patients with Alzheimer's disease assessed by positron emission tomography. <b>2000</b> , 99, 721-9	105
1814	Cholinergic enhancement improves performance on working memory by modulating the functional activity in distinct brain regions: a positron emission tomography regional cerebral blood flow study in healthy humans. <b>2000</b> , 51, 213-8	95
1813	A voxel-by-voxel analysis of [18F]setoperone PET data shows no substantial serotonin 5-HT(2A) receptor changes in schizophrenia. <b>2000</b> , 99, 123-35	39
1812	Independent component-cross correlation-sequential epoch (ICS) analysis of high field fMRI time series: direct visualization of dual representation of the primary motor cortex in human. <b>2000</b> , 37, 237-44	34
1811	Difference in the metabolic response to photic stimulation of the lateral geniculate nucleus and the primary visual cortex of infants: a fMRI study. <b>2000</b> , 38, 63-70	57
1810	Modulation of the neuronal circuitry subserving working memory in healthy human subjects by repetitive transcranial magnetic stimulation. <b>2000</b> , 280, 167-70	126
1809	Neural substrates for depth perception of the Necker cube; a functional magnetic resonance imaging study in human subjects. <b>2000</b> , 282, 145-8	55
1808	Decline of the monkey's limbic and prefrontal activity during task repetition. <b>2000</b> , 283, 69-72	7
1807	A possible role of the human cerebellum in conditioning of the jaw-opening reflex. <b>2000</b> , 285, 213-7	9
1806	Hemispheric lateralization at different levels of human auditory word processing: a functional magnetic resonance imaging study. <b>2000</b> , 287, 195-8	55
1805	The translating brain: cerebral activation patterns during simultaneous interpreting. <b>2000</b> , 294, 85-8	79
1804	Naming of animals and tools: a functional magnetic resonance imaging study of categorical differences in the human brain areas commonly used for naming visually presented objects. <b>2000</b> , 296, 33-6	63

1803	Displacement of hand representation to the contralateral hemisphere may predict neurologic recovery after arteriovenous malformation resection from the sensorimotor cortex. <b>2000</b> , 9, 246-249	3
1802	Movement and mind: a functional imaging study of perception and interpretation of complex intentional movement patterns. <b>2000</b> , 12, 314-25	988
1801	Microstructure of temporo-parietal white matter as a basis for reading ability: evidence from diffusion tensor magnetic resonance imaging. <b>2000</b> , 25, 493-500	606
1800	Increased left posterior parietal-temporal cortex activation after D-fenfluramine in women with panic disorder. <b>2000</b> , 98, 133-43	24
1799	Mixed models and multiple comparisons in analysis of human neurochemical maps. <b>2000</b> , 99, 111-9	12
1798	Combined semantic dementia and apraxia in a patient with frontotemporal lobar degeneration. <b>2000</b> , 100, 21-9	6
1797	The functional anatomy of auditory hallucinations in schizophrenia. <b>2000</b> , 100, 13-20	187
1796	Regional cerebral blood flow changes in drug-resistant depressed patients following treatment with transcranial magnetic stimulation: a statistical parametric mapping analysis. <b>2000</b> , 100, 75-80	24
1795	Neural correlates of semantic associative encoding in episodic memory. <b>2000</b> , 9, 271-80	56
1794	Functional optimization of arithmetic processing in perfect performers. <b>2000</b> , 9, 343-5	72
1793	Cortical activations during paced finger-tapping applying visual and auditory pacing stimuli. <b>2000</b> , 10, 51-66	236
1792	Different cortical activity in reading of Kanji words, Kana words and Kana nonwords. <b>2000</b> , 9, 111-5	98
1791	Recognition of emotional prosody and verbal components of spoken language: an fMRI study. <b>2000</b> , 9, 227-38	362
1790	Discrete neurophysiological correlates in prefrontal cortex during hysterical and feigned disorder of movement. <b>2000</b> , 355, 1243-4	242
1789	Thalamic perfusion in reflex sympathetic dystrophy syndrome. <b>2000</b> , 355, 494-5; author reply 495	1
1788	Cerebral activation, hostility, and cardiovascular control during mental stress. <b>2000</b> , 48, 485-91	35
1787	Voxel-based morphometry--the methods. <b>2000</b> , 11, 805-21	6561
1786	Real-time monitoring of eye movements using infrared video-oculography during functional magnetic resonance imaging of the frontal eye fields. <b>2000</b> , 11, 58-65	54

1785	Passive and active recognition of one's own face. <b>2000</b> , 11, 36-48	149
1784	The functional neuroanatomy and long-term reproducibility of brain activation associated with a simple finger tapping task in older healthy volunteers: a serial PET study. <b>2000</b> , 11, 124-44	31
1783	Cortical activity related to accuracy of letter recognition. <b>2000</b> , 11, 111-23	52
1782	The network of brain areas involved in the motion aftereffect. <b>2000</b> , 11, 257-70	55
1781	The relationship between fMRI activation and cerebral atrophy: comparison of normal aging and alzheimer disease. <b>2000</b> , 11, 179-87	131
1780	Dissociable temporal lobe activations during emotional episodic memory retrieval. <b>2000</b> , 11, 203-9	189
1779	Event-related potentials correlate with task-dependent glucose metabolism. <b>2000</b> , 11, 517-31	2
1778	A common language network for comprehension and production: a contribution to the definition of language epicenters with PET. <b>2000</b> , 11, 347-57	179
1777	A PET study of visuomotor learning under optical rotation. <b>2000</b> , 11, 505-16	97
1776	Correlation between human personality and neural activity in cerebral cortex. <b>2000</b> , 11, 541-6	111
1775	Gender difference in premotor activity during active tactile discrimination. <b>2000</b> , 11, 532-40	30
1774	Hemispheric activation of anterior and inferior prefrontal cortex during verbal encoding and recognition: a PET study of healthy volunteers. <b>2000</b> , 11, 624-33	28
1773	Structural group analysis of functional activation maps. <b>2000</b> , 11, 767-82	30
1772	Brain areas involved in rapid categorization of natural images: an event-related fMRI study. <b>2000</b> , 11, 634-43	40
1771	Susceptibility-induced loss of signal: comparing PET and fMRI on a semantic task. <b>2000</b> , 11, 589-600	355
1770	Imaging brain plasticity: conceptual and methodological issues--a theoretical review. <b>2000</b> , 12, 1-13	306
1769	Statistical parametric mapping of regional glucose metabolism in mesial temporal lobe epilepsy. <b>2000</b> , 12, 129-38	98
1768	To smooth or not to smooth? Bias and efficiency in fMRI time-series analysis. <b>2000</b> , 12, 196-208	344



1767	Effects of dextroamphetamine on cognitive performance and cortical activation. <b>2000</b> , 12, 268-75	250
1766	Dissociating prefrontal and parietal cortex activation during arithmetic processing. <b>2000</b> , 12, 357-65	334
1765	The effect of switching between sequential and repetitive movements on cortical activation. <b>2000</b> , 12, 528-37	35
1764	A new statistical approach to detecting significant activation in functional MRI. <b>2000</b> , 12, 366-80	109
1763	"Sculpting the response space"--an account of left prefrontal activation at encoding. <b>2000</b> , 12, 404-17	151
1762	Dissociation of mechanisms underlying syllogistic reasoning. <b>2000</b> , 12, 504-14	285
1761	Brain mechanisms for detecting perceptual, semantic, and emotional deviance. <b>2000</b> , 12, 425-33	110
1760	Interhemispheric differences in extrastriate areas during visuo-spatial selective attention. <b>2000</b> , 12, 485-94	17
1759	The functional neuroanatomy of simple calculation and number repetition: A parametric PET activation study. <b>2000</b> , 12, 565-73	96
1758	The effect of verbal feedback on motor learning--a PET study. Positron emission tomography. <b>2000</b> , 12, 698-706	21
1757	The role of the dorsolateral prefrontal cortex in random number generation: a study with positron emission tomography. <b>2000</b> , 12, 713-25	197
1756	Neural correlates of topographic mental exploration: the impact of route versus survey perspective learning. <b>2000</b> , 12, 588-600	186
1755	Statistical parametric mapping: assessment of application in children. <b>2000</b> , 12, 538-49	204
1754	Assessing the performance of SPM analyses of spect neuroactivation studies. Statistical Parametric Mapping. <b>2000</b> , 12, 757-64	17
1753	Large scale neurocognitive networks underlying episodic memory. <b>2000</b> , 12, 163-73	124
1752	Neuroimaging evidence for dissociable forms of repetition priming. <b>2000</b> , 287, 1269-72	509
1751	Tickling expectations: neural processing in anticipation of a sensory stimulus. <b>2000</b> , 12, 691-703	154
1750	Anatomical segregation of component processes in an inductive inference task. <b>2000</b> , 12, 110-9	102

1749	An Introduction to Maps and Atlases of the Brain. <b>2000</b> , 3-32	3
1748	Image Registration and the Construction of Multidimensional Brain Atlases. <b>2000</b> , 635-653	1
1747	The benefit of stereology for quantitative radiology. <b>2000</b> , 73, 679-97	157
1746	Neural Systems Activated during Visual Mental Imagery: A Review and Meta-Analyses. <b>2000</b> , 535-560	29
1745	Cerebral metabolic and cognitive decline in persons at genetic risk for Alzheimer's disease. <b>2000</b> , 97, 6037-42	610
1744	The emotional modulation of cognitive processing: an fMRI study. <b>2000</b> , 12 Suppl 2, 157-70	148
1743	Accurate alignment of functional EPI data to anatomical MRI using a physics-based distortion model. <b>2000</b> , 19, 1115-27	129
1742	Somatosensory cortex responses to median nerve stimulation: fMRI effects of current amplitude and selective attention. <b>2000</b> , 111, 1738-44	118
1741	Rhythmic cortical and muscle discharges induced by fatigue in corticobasal degeneration. <b>2000</b> , 111, 496-503	3
1740	Reduced phosphodiesterases and high-energy phosphates in the frontal lobe of schizophrenic patients: a (31)P chemical shift spectroscopic-imaging study. <b>2000</b> , 47, 954-61	78
1739	Activation of anterior paralimbic structures during guilt-related script-driven imagery. <b>2000</b> , 48, 43-50	221
1738	Increased anterior cingulate and caudate activity in bipolar mania. <b>2000</b> , 48, 1045-52	238
1737	Acute effects of thalamotomy and pallidotomy on regional cerebral metabolism, evaluated by PET. <b>2000</b> , 102, 84-90	12
1736	Nonlinear PCA: characterizing interactions between modes of brain activity. <b>2000</b> , 355, 135-46	40
1735	Neural interaction of the amygdala with the prefrontal and temporal cortices in the processing of facial expressions as revealed by fMRI. <b>2001</b> , 13, 1035-47	188
1734	An event-related functional magnetic resonance imaging study of an auditory oddball task in schizophrenia. <b>2001</b> , 48, 159-71	183
1733	Cerebral gray and white matter reductions and clinical correlates in patients with early onset schizophrenia. <b>2001</b> , 50, 19-26	155
1732	Relations between the neural bases of dynamic auditory processing and phonological processing: evidence from fMRI. <b>2001</b> , 13, 687-97	194

1731	Removal of confounding effects of global signal in functional MRI analyses. <b>2001</b> , 13, 751-8	160
1730	Effects of mood and subtype on cerebral glucose metabolism in treatment-resistant bipolar disorder. <b>2001</b> , 49, 97-109	260
1729	Noradrenergic dysfunction in the prefrontal cortex in depression: an [15O] H <sub>2</sub> O PET study of the neuromodulatory effects of clonidine. <b>2001</b> , 49, 317-25	32
1728	Regional cerebral blood flow correlated with flashback intensity in patients with posttraumatic stress disorder. <b>2001</b> , 50, 246-53	163
1727	Brain metabolic changes associated with symptom factor improvement in major depressive disorder. <b>2001</b> , 50, 171-8	171
1726	Cerebral metabolism in major depression and obsessive-compulsive disorder occurring separately and concurrently. <b>2001</b> , 50, 159-70	163
1725	Cerebral metabolic correlates as potential predictors of response to anterior cingulotomy for obsessive compulsive disorder. <b>2001</b> , 50, 659-67	120
1724	Limbic abnormalities in affective processing by criminal psychopaths as revealed by functional magnetic resonance imaging. <b>2001</b> , 50, 677-84	573
1723	Focused and nonfocused attention in verbal and emotional dichotic listening: an fMRI study. <b>2001</b> , 78, 349-63	120
1722	Color-word matching stroop task: separating interference and response conflict. <b>2001</b> , 13, 29-36	279
1721	Syntax and the brain: disentangling grammar by selective anomalies. <b>2001</b> , 13, 110-8	319
1720	Deriving numerosity and shape from identical visual displays. <b>2001</b> , 13, 46-55	36
1719	Effects of changes in experimental design on PET studies of isometric force. <b>2001</b> , 13, 185-95	15
1718	Cortical activations during the mental rotation of different visual objects. <b>2001</b> , 13, 143-52	268
1717	Functional fields in human auditory cortex revealed by time-resolved fMRI without interference of EPI noise. <b>2001</b> , 13, 328-38	47
1716	Assessing study-specific regional variations in fMRI signal. <b>2001</b> , 13, 392-8	48
1715	Priming within and across modalities: exploring the nature of rCBF increases and decreases. <b>2001</b> , 13, 272-82	62
1714	Functional neuroanatomy of auditory working memory in schizophrenia: relation to positive and negative symptoms. <b>2001</b> , 13, 433-46	131

1713	Reproducibility of fMRI: effect of the use of contextual information. <b>2001</b> , 13, 459-71	16
1712	Functional neuroanatomy of different olfactory judgments. <b>2001</b> , 13, 506-19	155
1711	Functional MRI activation of individual interictal epileptiform spikes. <b>2001</b> , 13, 502-5	55
1710	Separating processes within a trial in event-related functional MRI I. The Method. <b>2001</b> , 13, 210-7	335
1709	Separating processes within a trial in event-related functional MRI II. Analysis. <b>2001</b> , 13, 218-29	245
1708	Distinct neural systems for the encoding and recognition of topography and faces. <b>2001</b> , 13, 743-50	62
1707	Parallel neural responses in amygdala subregions and sensory cortex during implicit fear conditioning. <b>2001</b> , 13, 1044-52	162
1706	Cortical responses to single mechanoreceptive afferent microstimulation revealed with fMRI. <b>2001</b> , 13, 613-22	42
1705	Voxel-based morphometry of herpes simplex encephalitis. <b>2001</b> , 13, 623-31	87
1704	Activation reduction in anterior temporal cortices during repeated recognition of faces of personal acquaintances. <b>2001</b> , 13, 877-90	68
1703	Gray matter-changes and correlates of disease severity in schizophrenia: a statistical parametric mapping study. <b>2001</b> , 13, 814-24	131
1702	Does hypercapnia-induced cerebral vasodilation modulate the hemodynamic response to neural activation?. <b>2001</b> , 13, 1207-11	92
1701	Dopamine D2 receptors in the insular cortex and the personality trait of novelty seeking. <b>2001</b> , 13, 891-5	148
1700	A global estimator unbiased by local changes. <b>2001</b> , 13, 1193-206	25
1699	Neural correlates of naming actions and of naming spatial relations. <b>2001</b> , 13, 1053-64	202
1698	Auditory triggered mental imagery of shape involves visual association areas in early blind humans. <b>2001</b> , 14, 129-39	118
1697	Working memory for location and time: activity in prefrontal area 46 relates to selection rather than maintenance in memory. <b>2001</b> , 14, 77-86	171
1696	Reorganization of frontal systems used by alcoholics for spatial working memory: an fMRI study. <b>2001</b> , 14, 7-20	198

1695	A voxel-based morphometric study of ageing in 465 normal adult human brains. <b>2001</b> , 14, 21-36	3734
1694	Mind reading: neural mechanisms of theory of mind and self-perspective. <b>2001</b> , 14, 170-81	868
1693	Location- or feature-based targeting of peripheral attention. <b>2001</b> , 14, 37-47	67
1692	Cerebral activation associated with sexual arousal in response to a pornographic clip: A 15O-H2O PET study in heterosexual men. <b>2001</b> , 14, 105-17	128
1691	Cortical correlates of gesture processing: clues to the cerebral mechanisms underlying apraxia during the imitation of meaningless gestures. <b>2001</b> , 14, 149-61	116
1690	Acupuncture produces central activations in pain regions. <b>2001</b> , 14, 60-6	137
1689	Anterior medial temporal lobe activation during attempted retrieval of encoded visuospatial scenes: an event-related fMRI study. <b>2001</b> , 14, 67-76	59
1688	Mental imagery of high- and low-resolution gratings activates area 17. <b>2001</b> , 14, 454-64	44
1687	On multivariate spectral analysis of fMRI time series. <b>2001</b> , 14, 347-56	67
1686	Explicit and incidental facial expression processing: an fMRI study. <b>2001</b> , 14, 465-73	240
1685	Attention versus intention in the primate premotor cortex. <b>2001</b> , 14, S40-5	121
1684	The neural basis of vertical and horizontal line bisection judgments: an fMRI study of normal volunteers. <b>2001</b> , 14, S59-67	191
1683	Switching between dimensions, locations, and responses: the role of the left frontopolar cortex. <b>2001</b> , 14, S118-24	43
1682	On the functional neuroanatomy of intrinsic and phasic alertness. <b>2001</b> , 14, S76-84	482
1681	The functional anatomy of inhibition processes investigated with the Hayling task. <b>2001</b> , 14, 258-67	110
1680	In vivo mapping of gray matter loss with voxel-based morphometry in mild Alzheimer's disease. <b>2001</b> , 14, 298-309	537
1679	Evidence for premotor cortex activity during dynamic visuospatial imagery from single-trial functional magnetic resonance imaging and event-related slow cortical potentials. <b>2001</b> , 14, 268-83	148
1678	A reference effect approach for power analysis in fMRI. <b>2001</b> , 14, 768-79	29

1677	Event-related fMRI with simultaneous and continuous EEG: description of the method and initial case report. <b>2001</b> , 14, 780-7	232
1676	Cerebral asymmetry and the effects of sex and handedness on brain structure: a voxel-based morphometric analysis of 465 normal adult human brains. <b>2001</b> , 14, 685-700	1060
1675	Functional specificity of superior parietal mediation of spatial shifting. <b>2001</b> , 14, 661-73	195
1674	Transperceptual encoding and retrieval processes in memory: a PET study of visual and haptic objects. <b>2001</b> , 14, 572-84	19
1673	Syntactic processing in left prefrontal cortex is independent of lexical meaning. <b>2001</b> , 14, 546-55	132
1672	Different brain correlates for watching real and virtual hand actions. <b>2001</b> , 14, 749-58	251
1671	Functional brain mapping of monkey tool use. <b>2001</b> , 14, 853-61	150
1670	Distraction modulates anterior cingulate gyrus activations during the cold pressor test. <b>2001</b> , 14, 827-36	156
1669	The cerebellum and parietal cortex play a specific role in coordination: a PET study. <b>2001</b> , 14, 899-911	68
1668	Continuous transcranial magnetic stimulation during positron emission tomography: a suitable tool for imaging regional excitability of the human cortex. <b>2001</b> , 14, 883-90	93
1667	Brain areas involved in interlimb coordination: a distributed network. <b>2001</b> , 14, 947-58	264
1666	Comparison of spike-triggered functional MRI BOLD activation and EEG dipole model localization. <b>2001</b> , 14, 1097-104	97
1665	Different distribution of the activated areas in the dorsal premotor cortex during visual and auditory reaction-time tasks. <b>2001</b> , 14, 1168-74	12
1664	Differential working memory load effects after mild traumatic brain injury. <b>2001</b> , 14, 1004-12	392
1663	Delayed verbal memory retrieval: a functional MRI study in epileptic patients with structural lesions of the left medial temporal lobe. <b>2001</b> , 14, 995-1003	48
1662	Brain activation related to the representations of external space and body scheme in visuomotor control. <b>2001</b> , 14, 1128-35	89
1661	Mapping transient, randomly occurring neuropsychological events using independent component analysis. <b>2001</b> , 14, 1432-43	29
1660	Local brain functional activity following early deprivation: a study of postinstitutionalized Romanian orphans. <b>2001</b> , 14, 1290-301	421

1659	Rostrolateral prefrontal cortex involvement in relational integration during reasoning. <b>2001</b> , 14, 1136-49	551
1658	Subprocesses of performance monitoring: a dissociation of error processing and response competition revealed by event-related fMRI and ERPs. <b>2001</b> , 14, 1387-401	527
1657	Voxel-based morphometry using the RAVENS maps: methods and validation using simulated longitudinal atrophy. <b>2001</b> , 14, 1361-9	330
1656	Activation in the ipsilateral posterior parietal cortex during tool use: a PET study. <b>2001</b> , 14, 1469-75	63
1655	The inhibition of imitative response tendencies. <b>2001</b> , 14, 1416-23	156
1654	Why voxel-based morphometry should be used. <b>2001</b> , 14, 1238-43	669
1653	Event-related functional magnetic resonance imaging in Parkinson's disease before and after levodopa. <b>2001</b> , 124, 558-70	424
1652	CPD - education and self-assessment: functional imaging in epilepsy. <b>2001</b> , 10, 139-56	
1651	Neural substrates of anorexia nervosa: a behavioral challenge study with positron emission tomography. <b>2001</b> , 139, 51-7	82
1650	Central activation by histamine-induced itch: analogies to pain processing: a correlational analysis of O-15 H <sub>2</sub> O positron emission tomography studies. <b>2001</b> , 92, 295-305	183
1649	Interpreting PET and fMRI measures of functional neural activity: the effects of synaptic inhibition on cortical activation in human imaging studies. <b>2001</b> , 54, 267-73	64
1648	Dynamic representations and generative models of brain function. <b>2001</b> , 54, 275-85	99
1647	Different neural systems for recognizing plants, animals, and artifacts. <b>2001</b> , 54, 313-7	11
1646	Neural networks for internal reading and visual imagery of reading: a PET study. <b>2001</b> , 54, 319-28	19
1645	[18F]FDG-PET study in dementia with Lewy bodies and Alzheimer's disease. <b>2001</b> , 25, 447-56	41
1644	Increased excitability in the primary motor cortex and supplementary motor area in patients with phantom limb pain after upper limb amputation. <b>2001</b> , 307, 109-12	71
1643	Retrieval of long and short lists from long term memory: a functional magnetic resonance imaging study with human subjects. <b>2001</b> , 314, 1-4	8
1642	Activation during endogenous orienting of visual attention using symbolic pointers in the human parietal and frontal cortices: a functional magnetic resonance imaging study. <b>2001</b> , 314, 5-8	10

1641	Reward mechanisms in the brain and their role in dependence: evidence from neurophysiological and neuroimaging studies. <b>2001</b> , 36, 139-49	130
1640	Brain strategies for reading in the second language are determined by the first language. <b>2001</b> , 40, 351-8	49
1639	Effect of graded hypo- and hypercapnia on fMRI contrast in visual cortex: quantification of T*(*) <sup>(2)</sup> changes by multiecho EPI. <b>2001</b> , 46, 264-71	89
1638	Hypoperfusion in the supplementary motor area, dorsolateral prefrontal cortex and insular cortex in Parkinson's disease. <b>2001</b> , 193, 29-36	70
1637	Combined functional magnetic resonance imaging and transcranial magnetic stimulation evidence of ipsilateral motor pathway with congenital brain disorder: a case report. <b>2001</b> , 82, 1733-6	29
1636	Striatal and pontocerebellar hypoperfusion in Hallervorden-Spatz syndrome. <b>2001</b> , 25, 170-4	12
1635	Polymodal motion processing in posterior parietal and premotor cortex: a human fMRI study strongly implies equivalencies between humans and monkeys. <b>2001</b> , 29, 287-96	650
1634	Cortical mechanisms specific to explicit visual object recognition. <b>2001</b> , 29, 529-35	390
1633	Neural activity in the human brain relating to uncertainty and arousal during anticipation. <b>2001</b> , 29, 537-45	535
1632	Effects of attention and emotion on face processing in the human brain: an event-related fMRI study. <b>2001</b> , 30, 829-41	1354
1631	Visual motion processing investigated using contrast agent-enhanced fMRI in awake behaving monkeys. <b>2001</b> , 32, 565-77	413
1630	Feeling or features: different sensitivity to emotion in high-order visual cortex and amygdala. <b>2001</b> , 32, 747-57	126
1629	The measurement of regional cerebral blood flow during the complex cognitive task of meditation: a preliminary SPECT study. <b>2001</b> , 106, 113-22	255
1628	Abnormal neuronal network in anorexia nervosa studied with I-123-IMP SPECT. <b>2001</b> , 107, 45-50	98
1627	An fMRI study of the functional neuroanatomy of picture encoding in younger and older adults. <b>2001</b> , 11, 1-11	37
1626	Functional organization of the lateral premotor cortex: fMRI reveals different regions activated by anticipation of object properties, location and speed. <b>2001</b> , 11, 97-112	183
1625	The role of coherence and cohesion in text comprehension: an event-related fMRI study. <b>2001</b> , 11, 325-40	196
1624	Left superior parietal cortex involvement in writing: integrating fMRI with lesion evidence. <b>2001</b> , 12, 337-40	76



1623	Cortical activation in reading assessed by region of interest-based analysis and statistical parametric mapping. <b>2001</b> , 6, 167-71	12
1622	PET/SPECT: functional imaging beyond flow. <b>2001</b> , 41, 1277-81	31
1621	Opsoclonus-induced occipital deactivation with a region-specific distribution. <b>2001</b> , 41, 1209-14	9
1620	Deep dysphasia: Further evidence on the relationship between phonological short-term memory and language processing impairments. <b>2001</b> , 18, 385-410	37
1619	Functional MR imaging of regional brain activation associated with the affective experience of pain. <b>2001</b> , 177, 1205-10	85
1618	Computing Scan Statistic p Values Using Importance Sampling, With Applications to Genetics and Medical Image Analysis. <b>2001</b> , 10, 296-328	30
1617	Contextual clustering for analysis of functional MRI data. <b>2001</b> , 20, 403-14	26
1616	Detection power, estimation efficiency, and predictability in event-related fMRI. <b>2001</b> , 13, 759-73	226
1615	A neural correlate of syntactic encoding during speech production. <b>2001</b> , 98, 5933-6	130
1614	Penalized discriminant analysis of [15O]-water PET brain images with prediction error selection of smoothness and regularization hyperparameters. <b>2001</b> , 20, 376-87	30
1613	Specified-resolution wavelet analysis of activation patterns from BOLD contrast fMRI. <b>2001</b> , 20, 704-14	15
1612	Regional mu opioid receptor regulation of sensory and affective dimensions of pain. <b>2001</b> , 293, 311-5	668
1611	A probabilistic atlas and reference system for the human brain: International Consortium for Brain Mapping (ICBM). <b>2001</b> , 356, 1293-322	1582
1610	Statistical atlases. <b>2001</b> , 240-250	
1609	Modulation of sensory suppression: implications for receptive field sizes in the human visual cortex. <b>2001</b> , 86, 1398-411	232
1608	Simulating PET/fMRI studies of visual and auditory pattern recognition using biologically realistic large-scale neural models.	
1607	Exacerbation of pain by anxiety is associated with activity in a hippocampal network. <b>2001</b> , 21, 9896-903	576
1606	Multisensory cortical signal increases and decreases during vestibular galvanic stimulation (fMRI). <b>2001</b> , 85, 886-99	331

1605	Predictability modulates human brain response to reward. <b>2001</b> , 21, 2793-8	559
1604	Surface orientation discrimination activates caudal and anterior intraparietal sulcus in humans: an event-related fMRI study. <b>2001</b> , 85, 1309-14	139
1603	Differential fronto-parietal activation depending on force used in a precision grip task: an fMRI study. <b>2001</b> , 85, 2613-23	252
1602	Effects of rapid tryptophan depletion on brain 5-HT(2) receptors: a PET study. <b>2001</b> , 178, 448-53	73
1601	Voxel-based morphometric analyses of the brain in children and adolescents prenatally exposed to alcohol. <b>2001</b> , 12, 515-23	155
1600	Cerebral activation in patients with irritable bowel syndrome and control subjects during rectosigmoid stimulation. <b>2001</b> , 63, 365-75	254
1599	Neural substrates involved in imitating finger configurations: an fMRI study. <b>2001</b> , 12, 1171-4	57
1598	Imagining rotation by endogenous versus exogenous forces: distinct neural mechanisms. <b>2001</b> , 12, 2519-25	218
1597	Abnormal brain white matter in schizophrenia: a diffusion tensor imaging study. <b>2001</b> , 12, 2251-4	219
1596	Alteration of rCBF in Alzheimer's disease patients with delusions of theft. <b>2001</b> , 12, 2473-6	37
1595	Virtual movements activate primary sensorimotor areas in amputees: report of three cases. <b>2001</b> , 49, 736-41; discussion 741-2	40
1594	Acute effect of 3-(4-acetamido)-butyrril-lorazepam (DDS2700) on brain function assessed by PET at rest and during attentive tasks. <b>2001</b> , 22, 399-404	5
1593	Behavioural and functional anatomical correlates of deception in humans. <b>2001</b> , 12, 2849-53	339
1592	Methodological and technical issues for integrating functional magnetic resonance imaging data in a neuronavigational system. <b>2001</b> , 49, 1145-56; discussion 1156-7	83
1591	Virtual Movements Activate Primary Sensorimotor Areas in Amputees: Report of Three Cases. <b>2001</b> , 49, 736-742	26
1590	Methodological and Technical Issues for Integrating Functional Magnetic Resonance Imaging Data in a Neuronavigational System. <b>2001</b> , 49, 1145-1157	69
1589	Ultrasound activates the auditory cortex of profoundly deaf subjects. <b>2001</b> , 12, 583-6	24
1588	Is perceptual anticipation a motor simulation? A PET study. <b>2001</b> , 12, 3669-74	88

1587	Structural and functional cortical abnormalities after upper limb amputation during childhood. <b>2001</b> , 12, 957-62	36
1586	Chronic motor cortex stimulation for phantom limb pain: a functional magnetic resonance imaging study: technical case report. <b>2001</b> , 48, 681-7; discussion 687-8	71
1585	Hunger selectively modulates corticolimbic activation to food stimuli in humans. <b>2001</b> , 115, 493-500	349
1584	The cerebellum is involved in predicting the sensory consequences of action. <b>2001</b> , 12, 1879-84	421
1583	How the brain perceives causality: an event-related fMRI study. <b>2001</b> , 12, 3741-6	89
1582	Grey matter abnormalities in obsessive-compulsive disorder: statistical parametric mapping of segmented magnetic resonance images. <b>2001</b> , 179, 330-4	189
1581	Neural correlates of auditory-visual stimulus onset asynchrony detection. <b>2001</b> , 21, 300-4	275
1580	Motor imagery in normal subjects and Parkinson's disease patients: an H215O PET study. <b>2001</b> , 12, 821-8	53
1579	Decreased perfusion of the bilateral thalami in patients with chronic pain detected by Tc-99m-ECD SPECT with statistical parametric mapping. <b>2001</b> , 15, 459-63	19
1578	Slice acquisition order and blood oxygenation level dependent frequency content: an event-related functional magnetic resonance imaging study. <b>2001</b> , 13, 91-100	4
1577	Evaluation of resting brain conditions measured by two different methods (i.v. and oral administration) with 18F-FDG-PET. <b>2001</b> , 15, 69-73	4
1576	Graphical display of fMRI data: visualizing multidimensional space. <b>2001</b> , 19, 283-6	6
1575	Effect of slice orientation on reproducibility of fMRI motor activation at 3 Tesla. <b>2001</b> , 19, 1323-31	13
1574	Neuroimaging of histamine H1-receptor occupancy in human brain by positron emission tomography (PET): a comparative study of ebastine, a second-generation antihistamine, and (+)-chlorpheniramine, a classical antihistamine. <b>2001</b> , 52, 501-9	74
1573	Bilateral medial prefrontal and temporal neocortical hypometabolism in children with epilepsy and aggression. <b>2001</b> , 42, 991-1001	52
1572	Disparity of perfusion and glucose metabolism of epileptogenic zones in temporal lobe epilepsy demonstrated by SPM/SPAM analysis on 15O water PET, [18F]FDG-PET, and [99mTc]-HMPAO SPECT. <b>2001</b> , 42, 1515-22	43
1571	Benzodiazepine-GABA(A) receptor binding is very low in dysembryoplastic neuroepithelial tumor: a PET study. <b>2001</b> , 42, 1327-34	31
1570	Orientation discrimination of objects and gratings compared: an fMRI study. <b>2001</b> , 13, 585-96	49

1569	Fusion de donnèes en imagerie mēdicale: revue mēthodologique basē sur le contexte clinique. <b>2001</b> , 22, 196-215		3
1568	Activation of frontoparietal cortices during memorized triple-step sequences of saccadic eye movements: an fMRI study. <b>2001</b> , 13, 1177-89		140
1567	Conscious recollection and illusory recognition: an event-related fMRI study. <b>2001</b> , 13, 2148-56		61
1566	Human brain activity in the control of fine static precision grip forces: an fMRI study. <b>2001</b> , 14, 382-90		144
1565	Brain correlates of fast and slow handwriting in humans: a PET-performance correlation analysis. <b>2001</b> , 14, 726-36		34
1564	Changes in reward-induced brain activation in opiate addicts. <b>2001</b> , 14, 1360-8		73
1563	Relationship between trait anxiety, brain activity and natural killer cell activity in cancer patients: a preliminary PET study. <b>2001</b> , 10, 541-6		27
1562	Motor imagery in Parkinson's disease: a PET study. <b>2001</b> , 16, 849-57		49
1561	A new approach to measure single-event related brain activity using real-time fMRI: feasibility of sensory, motor, and higher cognitive tasks. <i>Human Brain Mapping</i> , <b>2001</b> , 12, 25-41	5.9	74
1560	Functional networks in motor sequence learning: abnormal topographies in Parkinson's disease. <i>Human Brain Mapping</i> , <b>2001</b> , 12, 42-60	5.9	125
1559	Event-related fMRI study of response inhibition. <i>Human Brain Mapping</i> , <b>2001</b> , 12, 100-9	5.9	495
1558	Detection of fMRI activation using cortical surface mapping. <i>Human Brain Mapping</i> , <b>2001</b> , 12, 79-93	5.9	109
1557	A functional MRI study on the neural substrates for writing. <i>Human Brain Mapping</i> , <b>2001</b> , 13, 34-42	5.9	124
1556	A role for left temporal pole in the retrieval of words for unique entities. <i>Human Brain Mapping</i> , <b>2001</b> , 13, 199-212	5.9	258
1555	Multiresolution analysis in fMRI: sensitivity and specificity in the detection of brain activation. <i>Human Brain Mapping</i> , <b>2001</b> , 14, 16-27	5.9	38
1554	Adaptive anterior hippocampal responses to oddball stimuli. <b>2001</b> , 11, 690-8		95
1553	Maps of the brain. <b>2001</b> , 265, 37-53		105
1552	Fluoxetine modulates motor performance and cerebral activation of patients recovering from stroke. <b>2001</b> , 50, 718-29		309

1551	Shared k-space echo planar imaging with keyhole. <b>2001</b> , 45, 109-17	38
1550	Temporal characteristics of event-related BOLD response and visual-evoked potentials from checkerboard stimulation of human V1: a comparison between different control features. <b>2001</b> , 45, 212-6	13
1549	Real-time multiple linear regression for fMRI supported by time-aware acquisition and processing. <b>2001</b> , 45, 289-98	36
1548	Limbic encephalitis investigated by 18FDG-PET and 3D MRI. <b>2001</b> , 11, 55-9	50
1547	Atlas-assisted localization analysis of functional images. <b>2001</b> , 5, 207-20	44
1546	Neuroanatomical basis for first- and second-order representations of bodily states. <b>2001</b> , 4, 207-12	276
1545	The functional anatomy of humor: segregating cognitive and affective components. <b>2001</b> , 4, 237-8	277
1544	Center-periphery organization of human object areas. <b>2001</b> , 4, 533-9	544
1543	Neural correlates of change detection and change blindness. <b>2001</b> , 4, 645-50	377
1542	Human brain activity time-locked to perceptual event boundaries. <b>2001</b> , 4, 651-5	379
1541	Within-session and between-session reproducibility of cerebral sensorimotor activation: a test-retest effect evidenced with functional magnetic resonance imaging. <b>2001</b> , 21, 592-607	139
1540	Using (10)CO <sub>2</sub> for single subject characterization of the stimulus frequency dependence in visual cortex: a novel positron emission tomography tracer for human brain mapping. <b>2001</b> , 21, 1003-12	6
1539	Postural effects on brain hemodynamics in unilateral cerebral artery occlusive disease: a positron emission tomography study. <b>2001</b> , 21, 1058-66	17
1538	Responses of human frontal cortex to surprising events are predicted by formal associative learning theory. <b>2001</b> , 4, 1043-8	179
1537	Interocular rivalry revealed in the human cortical blind-spot representation. <b>2001</b> , 411, 195-9	375
1536	Motor-cortical activity in tetraplegics. <b>2001</b> , 413, 793	76
1535	Global Increase in Cortical Opioid Binding Potential with Aging: In Vivo Quantification with 11C diprenorphine PET. <b>2001</b> , 1, 309-316	1
1534	The role of image registration in brain mapping. <b>2001</b> , 19, 3-24	124

- 1533 The motion aftereffect: more than area V5/MT? Evidence from 15O-butanol PET studies. **2001**, 892, 281-92 26
- 1532 Learning face-name associations and the effect of age and performance: a PET activation study. **2001**, 39, 643-50 39
- 1531 Brain regions involved in prospective memory as determined by positron emission tomography. **2001**, 39, 545-55 418
- 1530 Processing of irrelevant visual motion during performance of an auditory attention task. **2001**, 39, 937-49 122
- 1529 Functional neuroanatomy of three-term relational reasoning. **2001**, 39, 901-9 163
- 1528 Neural activity associated with episodic memory for emotional context. **2001**, 39, 910-20 277
- 1527 Neural substrates for recognition of familiar voices: a PET study. **2001**, 39, 1047-54 169
- 1526 Dissociating top-down attentional control from selective perception and action. **2001**, 39, 1277-91 121
- 1525 Bayesian approach to segmentation of statistical parametric maps. **2001**, 48, 1186-94 31
- 1524 A simple method to measure baseline occupancy of neostriatal dopamine D2 receptors by dopamine in vivo in healthy subjects. **2001**, 25, 213-23 55
- 1523 Cerebral blood flow in obsessive-compulsive patients with major depression: effect of treatment with sertraline or desipramine on treatment responders and non-responders. **2001**, 108, 89-100 34
- 1522 Cortical activity associated with vocalization and reading proper. **2001**, 12, 161-5 18
- 1521 Decreases in blood perfusion of the anterior cingulate gyri in Anorexia Nervosa Restricters assessed by SPECT image analysis. **2001**, 1, 2 57
- 1520 Brain areas sensitive to coherent visual motion. **2001**, 30, 61-72 269
- 1519 Cerebral blood flow and glucose metabolism in hypothyroidism: a positron emission tomography study. **2001**, 86, 3864-70 117
- 1518 Objective visual field testing with functional magnetic resonance imaging. **2001**, 26, 109-117
- 1517 The attentional role of the left parietal cortex: the distinct lateralization and localization of motor attention in the human brain. **2001**, 13, 698-710 306
- 1516 Effect of COMT Val108/158 Met genotype on frontal lobe function and risk for schizophrenia. **2001**, 98, 6917-22 2062

1515	IMAGE ANALYSIS OF FUNCTIONAL MAGNETIC RESONANCE IMAGING. <b>2001</b> , 13, 248-255	3
1514	Crossmodal binding of fear in voice and face. <b>2001</b> , 98, 10006-10	211
1513	Medial prefrontal cortex and self-referential mental activity: relation to a default mode of brain function. <b>2001</b> , 98, 4259-64	2346
1512	Neocortical abnormalities of [11C]-flumazenil PET in mesial temporal lobe epilepsy. <b>2001</b> , 56, 897-906	88
1511	The context of uncertainty modulates the subcortical response to predictability. <b>2001</b> , 13, 986-93	32
1510	The constraints functional neuroimaging places on classical models of auditory word processing. <b>2001</b> , 13, 754-65	166
1509	The effects of case mixing on word recognition: evidence from a PET study. <b>2001</b> , 13, 844-53	93
1508	Age-related changes in brain-behaviour relationships: Evidence from event-related functional MRI studies. <b>2001</b> , 13, 235-256	44
1507	Changes in the human brain during rhythm learning. <b>2001</b> , 13, 952-66	93
1506	The role of working memory in visual selective attention. <b>2001</b> , 291, 1803-6	770
1505	Changes in regional brain (18)F-fluorodeoxyglucose uptake at hypoglycemia in type 1 diabetic men associated with hypoglycemia unawareness and counter-regulatory failure. <b>2001</b> , 50, 2329-36	57
1504	Neural fate of seen and unseen faces in visuospatial neglect: a combined event-related functional MRI and event-related potential study. <b>2001</b> , 98, 3495-500	223
1503	The Functional Magnetic Resonance Imaging Data Center (fMRIDC): the challenges and rewards of large-scale databasing of neuroimaging studies. <b>2001</b> , 356, 1323-39	100
1502	Neuropsychologic performance after resection of an activation cluster involved in cognitive memory function. <b>2001</b> , 176, 541-4	1
1501	Visual priming within and across symbolic format using a tachistoscopic picture identification task: a PET study. <b>2001</b> , 13, 670-86	22
1500	Diffusion tensor imaging in patients with epilepsy and malformations of cortical development. <b>2001</b> , 124, 617-26	272
1499	Brain perfusion SPECT: age- and sex-related effects correlated with voxel-based morphometric findings in healthy adults. <b>2001</b> , 221, 810-7	62
1498	Differential lesion patterns in CADASIL and sporadic subcortical arteriosclerotic encephalopathy: MR imaging study with statistical parametric group comparison. <b>2001</b> , 218, 443-51	173

1497	Neural substrates for the perception of acutely induced dyspnea. <b>2001</b> , 163, 951-7	211
1496	Separate neural subsystems within 'Wernicke's area'. <b>2001</b> , 124, 83-95	511
1495	Practical aspects of functional MRI (NMR Task Group #8). <b>2002</b> , 29, 1892-912	19
1494	Multiple movement representations in the human brain: an event-related fMRI study. <b>2002</b> , 14, 769-84	84
1493	Object-completion effects in the human lateral occipital complex. <b>2002</b> , 12, 163-77	124
1492	The role of insulin in human brain glucose metabolism: an 18fluoro-deoxyglucose positron emission tomography study. <b>2002</b> , 51, 3384-90	229
1491	Neural processing of emotional faces requires attention. <b>2002</b> , 99, 11458-63	911
1490	The relationship between cortical activation and perception investigated with invisible stimuli. <b>2002</b> , 99, 9527-32	237
1489	Whose arm is it anyway? An fMRI case study of supernumerary phantom limb. <b>2002</b> , 125, 1265-74	69
1488	Mapping the evolution of regional atrophy in Alzheimer's disease: unbiased analysis of fluid-registered serial MRI. <b>2002</b> , 99, 4703-7	511
1487	The response of left temporal cortex to sentences. <b>2002</b> , 14, 550-60	294
1486	Abnormal cortical mechanisms of voluntary muscle relaxation in patients with writer's cramp: an fMRI study. <b>2002</b> , 125, 895-903	98
1485	Parcellation of brain images with anatomical and functional constraints for fMRI data analysis.	10
1484	Attention to action in Parkinson's disease: impaired effective connectivity among frontal cortical regions. <b>2002</b> , 125, 276-89	242
1483	Imaging how attention modulates pain in humans using functional MRI. <b>2002</b> , 125, 310-9	647
1482	Spatial normalization of spine MR images for statistical correlation of lesions with clinical symptoms. <b>2002</b> , 224, 919-26	12
1481	fMRI study of cognitive interference processing in females with fragile X syndrome. <b>2002</b> , 14, 160-71	60
1480	Cognitive function and fMRI in patients with multiple sclerosis: evidence for compensatory cortical activation during an attention task. <b>2002</b> , 125, 1275-82	270



1479	Subpopulation Brain Atlases. <b>2002</b> , 757-796	5
1478	Speculations about the Future. <b>2002</b> , 829-856	
1477	Painful stimuli evoke different stimulus-response functions in the amygdala, prefrontal, insula and somatosensory cortex: a single-trial fMRI study. <b>2002</b> , 125, 1326-36	463
1476	Extensive individual differences in brain activations associated with episodic retrieval are reliable over time. <b>2002</b> , 14, 1200-14	123
1475	When action turns into words. Activation of motor-based knowledge during categorization of manipulable objects. <b>2002</b> , 14, 1230-9	132
1474	Covert auditory attention generates activation in the rostral/dorsal anterior cingulate cortex. <b>2002</b> , 14, 637-45	42
1473	Covert reorienting and inhibition of return: an event-related fMRI study. <b>2002</b> , 14, 127-44	124
1472	fMRI evidence for dual routes to the mental lexicon in visual word recognition. <b>2002</b> , 14, 11-23	374
1471	Functional reorganization and stability of somatosensory-motor cortical topography in a tetraplegic subject with late recovery. <b>2002</b> , 99, 17066-71	73
1470	Atypical brain activation of reading processes in children with developmental dyslexia. <b>2002</b> , 17, 867-71	44
1469	Abnormalities of grey and white matter [11C]flumazenil binding in temporal lobe epilepsy with normal MRI. <b>2002</b> , 125, 2257-71	77
1468	Patterns of brain atrophy in frontotemporal dementia and semantic dementia. <b>2002</b> , 58, 198-208	712
1467	Spatiotemporal pattern of neural processing in the human auditory cortex. <b>2002</b> , 297, 1706-8	183
1466	Ecstasy and agony: activation of the human amygdala in positive and negative emotion. <b>2002</b> , 13, 135-41	351
1465	Cerebellum activation associated with performance change but not motor learning. <b>2002</b> , 296, 2043-6	175
1464	Adaptive changes in early and late blind: a fMRI study of verb generation to heard nouns. <b>2002</b> , 88, 3359-71	172
1463	Visual activation positron emission tomography for presurgical evaluation of occipital lobe epilepsy--case report. <b>2002</b> , 42, 356-60	1
1462	Mapping brain region activity during chewing: a functional magnetic resonance imaging study. <b>2002</b> , 81, 743-6	210

1461	Variable effects of aging on frontal lobe contributions to memory. <b>2002</b> , 13, 2425-8	170
1460	Measurement of cerebral perfusion volume and 99mTc-HMPAO uptake using SPECT in controls and patients with Alzheimer's disease. <b>2002</b> , 23, 1057-64	10
1459	Functional magnetic resonance imaging technology and traumatic brain injury rehabilitation: guidelines for methodological and conceptual pitfalls. <b>2002</b> , 17, 411-30	26
1458	Cortical involvement for action imitation of hand/arm postures versus finger configurations: an fMRI study. <b>2002</b> , 13, 1599-602	116
1457	Functional MRI evidence for motor cortex reorganization adjacent to a lesion in a primary motor cortex. <b>2002</b> , 81, 844-7	14
1456	Statistical parametric mapping in brain single photon computed emission tomography after carbon monoxide intoxication. <b>2002</b> , 23, 355-66	16
1455	Temporal pole hypometabolism may be linked to a reduction of grey matter in temporal lobe epilepsy. <b>2002</b> , 13, 2537-41	8
1454	Neuroanatomical substrata of amusement and sadness: a PET activation study using film stimuli. <b>2002</b> , 13, 67-73	65
1453	Investigating regional white matter in schizophrenia using diffusion tensor imaging. <b>2002</b> , 13, 333-6	134
1452	Functional relevance of abnormal fMRI activation pattern after unilateral schizencephaly. <b>2002</b> , 13, 1821-4	29
1451	Positive and negative emotional verbal stimuli elicit activity in the left amygdala. <b>2002</b> , 13, 15-9	310
1450	Visual speech perception without primary auditory cortex activation. <b>2002</b> , 13, 311-5	96
1449	Changes in brain activation caused by caloric stimulation in the case of cochleovestibular denervation--PET study. <b>2002</b> , 23, 967-73	9
1448	Right-sided human prefrontal brain activation during acquisition of conditioned fear. <b>2002</b> , 2, 233-41	30
1447	Aging and attentional guidance during visual search: Functional neuroanatomy by positron emission tomography.. <b>2002</b> , 17, 24-43	68
1446	Brain activation and sexual arousal in healthy, heterosexual males. <b>2002</b> , 125, 1014-23	344
1445	Posterior parietal cortex is implicated in continuous switching between verbal fluency tasks: an fMRI study with clinical implications. <b>2002</b> , 125, 1024-38	175
1444	Sex differences in the human brain's response to hunger and satiation. <b>2002</b> , 75, 1017-22	103

1443	Adaptive changes in early and late blind: a fMRI study of Braille reading. <b>2002</b> , 87, 589-607	285
1442	Pediatric functional magnetic resonance imaging: progress and challenges. <b>2002</b> , 13, 61-70	71
1441	The neural substrates of action retrieval: An examination of semantic and visual routes to action. <b>2002</b> , 9, 662-685	42
1440	Brain morphology associated with obstructive sleep apnea. <b>2002</b> , 166, 1382-7	448
1439	Acute and Chronic Effects of Citalopram on Cerebral Glucose Metabolism in Geriatric Depression. <b>2002</b> , 10, 715-723	2
1438	Adult age differences in visual word identification: functional neuroanatomy by positron emission tomography. <b>2002</b> , 49, 297-321	42
1437	Voxel-based comparison of regional cerebral glucose metabolism between PSP and corticobasal degeneration. <b>2002</b> , 199, 67-71	79
1436	Gender differences in cerebral glucose metabolism: a PET study. <b>2002</b> , 199, 79-83	64
1435	Differences in cerebral metabolic impairment between early and late onset types of Alzheimer's disease. <b>2002</b> , 200, 27-32	110
1434	Analysis of cerebral blood flow of subcortical vascular dementia with single photon emission computed tomography: adaptation of statistical parametric mapping. <b>2002</b> , 203-204, 199-205	38
1433	Regional cerebral glucose utilization in patients with a range of severities of unipolar depression. <b>2002</b> , 51, 237-52	236
1432	Principal components of the Beck Depression Inventory and regional cerebral metabolism in unipolar and bipolar depression. <b>2002</b> , 51, 387-99	160
1431	rCBF differences between panic disorder patients and control subjects during anticipatory anxiety and rest. <b>2002</b> , 52, 126-35	150
1430	Cerebral blood flow during anticipation of public speaking in social phobia: a PET study. <b>2002</b> , 52, 1113-9	181
1429	Receptor and transporter imaging studies in schizophrenia, depression, bulimia and Tourette's disorder--implications for psychopharmacology. <b>2002</b> , 3, 133-46	70
1428	Regional changes in brain gray and white matter in patients with schizophrenia demonstrated with voxel-based analysis of MRI. <b>2002</b> , 55, 41-54	148
1427	Condition-specific deactivation of brain regions by 5-HT3 receptor antagonist Alosetron. <b>2002</b> , 123, 969-77	119
1426	Gender differences in patterns of cerebral activation during equal experience of painful laser stimulation. <b>2002</b> , 3, 401-11	80

1425	Increased brain activity in frontal and parietal cortex underlies the development of visuospatial working memory capacity during childhood. <b>2002</b> , 14, 1-10	572
1424	Beyond phrenology: what can neuroimaging tell us about distributed circuitry?. <b>2002</b> , 25, 221-50	378
1423	The influence of working-memory demand and subject performance on prefrontal cortical activity. <b>2002</b> , 14, 721-31	290
1422	A voxel-based morphometric study of ageing in 465 normal adult human brains.	27
1421	Face repetition effects in implicit and explicit memory tests as measured by fMRI. <b>2002</b> , 12, 178-86	208
1420	Functional MRI activity characterization using response time shift estimates from curve evolution. <b>2002</b> , 21, 1402-12	15
1419	Global strategy to extract automatically relevant subdominant perfusion information: application to skeletal muscle NMR imaging with arterial spin labeling.	
1418	Effect of the normalization template in statistical parametric mapping of PET scans.	4
1417	Bayesian clustering methods for morphological analysis of MR images.	1
1416	Human brain activity during spontaneously reversing perception of ambiguous figures.	2
1415	HAMMER: hierarchical attribute matching mechanism for elastic registration. <b>2002</b> , 21, 1421-39	771
1414	Imaging neuroscience: Lessons from studies of brain plasticity.	
1413	Functional magnetic resonance imaging and its clinical utility in patients with visual disturbances. <b>2002</b> , 47, 562-79	18
1412	Effect of simple motor performance on regional dopamine release in the striatum in Parkinson disease patients and healthy subjects: a positron emission tomography study. <b>2002</b> , 22, 746-52	51
1411	Functional Magnetic Resonance Imaging of Proactive Interference during Spoken Cued Recall. <b>2002</b> , 17, 543-558	73
1410	Conscious and subconscious sensorimotor synchronization--prefrontal cortex and the influence of awareness. <b>2002</b> , 15, 345-52	96
1409	A PET exploration of the neural mechanisms involved in reciprocal imitation. <b>2002</b> , 15, 265-72	354
1408	Detecting latency differences in event-related BOLD responses: application to words versus nonwords and initial versus repeated face presentations. <b>2002</b> , 15, 83-97	290

1407	A single dose of the serotonin neurotransmission agonist paroxetine enhances motor output: double-blind, placebo-controlled, fMRI study in healthy subjects. <b>2002</b> , 15, 26-36	95
1406	Iterative versus filtered backprojection reconstruction for statistical parametric mapping of PET activation measurements: a comparative case study. <b>2002</b> , 15, 175-81	8
1405	Negative dip in BOLD fMRI is caused by blood flow--oxygen consumption uncoupling in humans. <b>2002</b> , 15, 98-102	89
1404	Echo time dependence of BOLD contrast and susceptibility artifacts. <b>2002</b> , 15, 136-42	77
1403	The preparation and execution of self-initiated and externally-triggered movement: a study of event-related fMRI. <b>2002</b> , 15, 373-85	447
1402	Automated anatomical labeling of activations in SPM using a macroscopic anatomical parcellation of the MNI MRI single-subject brain. <b>2002</b> , 15, 273-89	11164
1401	Are subitizing and counting implemented as separate or functionally overlapping processes?. <b>2002</b> , 15, 435-46	261
1400	Compensation of susceptibility-induced BOLD sensitivity losses in echo-planar fMRI imaging. <b>2002</b> , 15, 120-35	221
1399	Widespread dorsal stream activation during a parametric mental rotation task, revealed with functional magnetic resonance imaging. <b>2002</b> , 15, 547-58	103
1398	Anatomic constraints on cognitive theories of category specificity. <b>2002</b> , 15, 675-85	162
1397	Brain activity during simulated deception: an event-related functional magnetic resonance study. <b>2002</b> , 15, 727-32	316
1396	An investigation of the value of spin-echo-based fMRI using a Stroop color-word matching task and EPI at 3 T. <b>2002</b> , 15, 719-26	108
1395	Functional anatomy of visual search: regional segregations within the frontal eye fields and effective connectivity of the superior colliculus. <b>2002</b> , 15, 970-82	110
1394	The anterior frontomedian cortex and evaluative judgment: an fMRI study. <b>2002</b> , 15, 983-91	300
1393	A PET study of stimulus- and task-induced semantic processing. <b>2002</b> , 15, 927-35	102
1392	Retrieval of visual, auditory, and abstract semantics. <b>2002</b> , 15, 917-26	102
1391	Abnormal functional connectivity in posttraumatic stress disorder. <b>2002</b> , 15, 661-74	74
1390	Dissociation of working memory processing associated with native and second languages: PET investigation. <b>2002</b> , 15, 879-91	41

1389	Phonetic perception and the temporal cortex. <b>2002</b> , 15, 733-46	263
1388	Neural correlates of spontaneous direction reversals in ambiguous apparent visual motion. <b>2002</b> , 15, 908-16	110
1387	The quantitative evaluation of functional neuroimaging experiments: mutual information learning curves. <b>2002</b> , 15, 772-86	94
1386	The quantitative evaluation of functional neuroimaging experiments: the NPAIRS data analysis framework. <b>2002</b> , 15, 747-71	210
1385	Analysis and design of perfusion-based event-related fMRI experiments. <b>2002</b> , 16, 269-82	36
1384	Increased FDG uptake in the ipsilesional sensorimotor cortex in congenital hemiplegia. <b>2002</b> , 15, 949-60	14
1383	Predicting perceptual events activates corresponding motor schemes in lateral premotor cortex: an fMRI study. <b>2002</b> , 15, 787-96	162
1382	Bayesian estimation of dynamical systems: an application to fMRI. <b>2002</b> , 16, 513-30	247
1381	A developmental fMRI study of the Stroop color-word task. <b>2002</b> , 16, 61-75	429
1380	Task-related changes in cortical synchronization are spatially coincident with the hemodynamic response. <b>2002</b> , 16, 103-14	244
1379	The Influence of Explicit Instructions and Stimulus Material on Lateral Frontal Responses to an Encoding Task. <b>2002</b> , 17, 780-791	12
1378	Cerebral responses to noxious thermal stimulation in chronic low back pain patients and normal controls. <b>2002</b> , 16, 158-68	94
1377	Simultaneous EEG-Correlated Ictal fMRI. <b>2002</b> , 16, 32-40	113
1376	Functional anatomy of intra- and cross-modal lexical tasks. <b>2002</b> , 16, 7-22	254
1375	A comparison of neural circuits underlying auditory and visual object categorization. <b>2002</b> , 16, 361-77	88
1374	Classical and Bayesian inference in neuroimaging: theory. <b>2002</b> , 16, 465-83	456
1373	Estimating the delay of the fMRI response. <b>2002</b> , 16, 593-606	96
1372	Orthogonal polynomial regression for the detection of response variability in event-related fMRI. <b>2002</b> , 17, 344-63	16

1371	Overcoming confounds of stimulus blocking: an event-related fMRI design of semantic processing. <b>2002</b> , 16, 713-23	39
1370	Repeated fMRI using iron oxide contrast agent in awake, behaving macaques at 3 Tesla. <b>2002</b> , 16, 283-94	212
1369	Critical period for cross-modal plasticity in blind humans: a functional MRI study. <b>2002</b> , 16, 389-400	257
1368	Imaging the intentional stance in a competitive game. <b>2002</b> , 16, 814-21	414
1367	Template-based method for multiple volumes of interest of human brain PET images. <b>2002</b> , 16, 577-86	53
1366	Sexual dimorphism in the corpus callosum: a characterization of local size variations and a classification driven approach to morphometry. <b>2002</b> , 17, 1504-11	15
1365	Amplitude of the Human Auditory Cortex: An fMRI Study. <b>2002</b> , 17, 710-718	49
1364	A H215O Positron Emission Tomography Study on Mental Imagery of Movement Sequences: The Effect of Modulating Sequence Length and Direction. <b>2002</b> , 17, 999-1009	63
1363	Spatial Normalization and Averaging of Diffusion Tensor MRI Data Sets. <b>2002</b> , 17, 592-617	189
1362	Bach Speaks: A Cortical Language-Network Serves the Processing of Music. <b>2002</b> , 17, 956-966	385
1361	Attention to Action: Specific Modulation of Corticocortical Interactions in Humans. <b>2002</b> , 17, 988-998	175
1360	Structural Gray Matter Differences between First-Episode Schizophrenics and Normal Controls Using Voxel-Based Morphometry. <b>2002</b> , 17, 880-889	202
1359	Neural Systems Underlying Spatial Language in American Sign Language. <b>2002</b> , 17, 812-824	167
1358	Patterns of Cerebral Atrophy in Dementia with Lewy Bodies Using Voxel-Based Morphometry. <b>2002</b> , 17, 618-630	167
1357	The human prefrontal and parietal association cortices are involved in NO-GO performances: an event-related fMRI study. <b>2002</b> , 17, 1207-16	241
1356	Neural Correlates for the Acquisition of Natural Language Syntax. <b>2002</b> , 17, 700-709	114
1355	A spatio-temporal regression model for the analysis of functional MRI data. <b>2002</b> , 17, 1415-28	63
1354	Evidence for Anterior Cingulate Cortex Involvement in Monitoring Preparatory Attentional Set. <b>2002</b> , 17, 792-802	180

1353	Neuroimaging Reveals Automatic Speech Coding during Perception of Written Word Meaning. <b>2002</b> , 17, 859-870	21
1352	Retrieval of relational information: a role for the left inferior prefrontal cortex. <b>2002</b> , 17, 393-400	32
1351	Spatiotemporal imaging of electrical activity related to attention to somatosensory stimulation. <b>2002</b> , 17, 1347-57	44
1350	Cluster Significance Testing Using the Bootstrap. <b>2002</b> , 17, 583-591	18
1349	Neural Substrates of Human Facial Expression of Pleasant Emotion Induced by Comic Films: A PET Study. <b>2002</b> , 17, 758-768	99
1348	Effective connectivity and intersubject variability: using a multisubject network to test differences and commonalities. <b>2002</b> , 17, 1459-69	82
1347	Activity in the Fusiform Gyrus Predicts Conscious Perception of Rubin's Vase/Face Illusion. <b>2002</b> , 17, 890-901	102
1346	Reading Anomalous Sentences: An Event-Related fMRI Study of Semantic Processing. <b>2002</b> , 17, 842-850	75
1345	The Metabolic Substrates of Bradykinesia and Tremor in Uncomplicated Parkinson's Disease. <b>2002</b> , 17, 688-699	35
1344	What does the frontomedian cortex contribute to language processing: coherence or theory of mind?. <b>2002</b> , 17, 1599-612	228
1343	Functional Magnetic Resonance Neuroimaging of Drug Dependence: Naloxone-Precipitated Morphine Withdrawal. <b>2002</b> , 17, 902-910	36
1342	Functional imaging of visuospatial processing in Alzheimer's disease. <b>2002</b> , 17, 1403-14	166
1341	A role for top-down attentional orienting during interference between global and local aspects of hierarchical stimuli. <b>2002</b> , 17, 1266-76	73
1340	A framework for callosal fiber distribution analysis. <b>2002</b> , 17, 1131-43	116
1339	Fear conditioning in humans: the influence of awareness and autonomic arousal on functional neuroanatomy. <b>2002</b> , 33, 653-63	389
1338	The role of the amygdala in signaling prospective outcome of choice. <b>2002</b> , 33, 983-94	80
1337	Tracking the mind's image in the brain I: time-resolved fMRI during visuospatial mental imagery. <b>2002</b> , 35, 185-94	191
1336	Cholinergic modulation of experience-dependent plasticity in human auditory cortex. <b>2002</b> , 35, 567-74	111



1335	I feel my hand moving: a new role of the primary motor cortex in somatic perception of limb movement. <b>2002</b> , 36, 979-88	171
1334	The spectrum of medical imaging. <b>2002</b> , 38, 2067-9	5
1333	Subcortical structures involved in pain processing: evidence from single-trial fMRI. <b>2002</b> , 99, 313-21	200
1332	Pain activation of human supraspinal opioid pathways as demonstrated by [11C]-carfentanil and positron emission tomography (PET). <b>2002</b> , 99, 589-598	97
1331	PET studies on the memory processing of word pairs in bilingual Finnish-English subjects. <b>2002</b> , 132, 47-57	23
1330	Asymmetric hemodynamic responses of the human auditory cortex to monaural and binaural stimulation. <b>2002</b> , 170, 166-78	102
1329	Multidisciplinary study on the hypersonic effect. <b>2002</b> , 1226, 27-42	4
1328	Poor self-control in personality inventory and reduced volume of supplementary motor area. <b>2002</b> , 1232, 131-135	
1327	Functional neuroanatomy of human non-rapid eye movement sleep: a study using a positron emission tomography. <b>2002</b> , 1232, 801-805	1
1326	Dissociating perceptual and conceptual implicit memory in multiple sclerosis patients. <b>2002</b> , 50, 51-61	17
1325	Left dorso-lateral repetitive transcranial magnetic stimulation affects cortical excitability and functional connectivity, but does not impair cognition in major depression. <b>2002</b> , 26, 945-54	74
1324	Functional integration and inference in the brain. <b>2002</b> , 68, 113-43	204
1323	Relationship between personality trait and regional cerebral glucose metabolism assessed with positron emission tomography. <b>2002</b> , 60, 109-20	54
1322	Thalamic gray matter changes in unilateral Parkinsonian resting tremor: a voxel-based morphometric analysis of 3-dimensional magnetic resonance imaging. <b>2002</b> , 323, 29-32	69
1321	Attentional modulation of human pain processing in the secondary somatosensory cortex: a magnetoencephalographic study. <b>2002</b> , 328, 29-32	39
1320	Brain activation during whole body cooling in humans studied with functional magnetic resonance imaging. <b>2002</b> , 329, 157-60	50
1319	Bayesian inference and posterior probability maps.	0
1318	Localization of executive functions in dual-task performance with fMRI. <b>2002</b> , 14, 1184-99	241

1317	A general statistical analysis for fMRI data. <b>2002</b> , 15, 1-15	903
1316	Patterns of Cerebral Atrophy in Primary Progressive Aphasia. <b>2002</b> , 10, 89-97	46
1315	Role of functional magnetic resonance imaging in the evaluation of patients with malformations caused by cortical development. <b>2002</b> , 13, 63-9, viii	18
1314	Maturation of brain function associated with response inhibition. <b>2002</b> , 41, 1231-8	428
1313	The role of action knowledge in the comprehension of artefacts--a PET study. <b>2002</b> , 15, 143-52	36
1312	Experiencing oneself vs another person as being the cause of an action: the neural correlates of the experience of agency. <b>2002</b> , 15, 596-603	696
1311	New Approaches in Brain Morphometry. <b>2002</b> , 10, 13-23	24
1310	Glucose Metabolic Response to Total Sleep Deprivation, Recovery Sleep, and Acute Antidepressant Treatment as Functional Neuroanatomic Correlates of Treatment Outcome in Geriatric Depression. <b>2002</b> , 10, 561-567	21
1309	Placebo and opioid analgesia-- imaging a shared neuronal network. <b>2002</b> , 295, 1737-40	1105
1308	Direct comparison of neural systems mediating conscious and unconscious skill learning. <b>2002</b> , 88, 1451-60	246
1307	BOLD fMRI identifies limbic, paralimbic, and cerebellar activation during air hunger. <b>2002</b> , 88, 1500-11	284
1306	Neural activity in human primary motor cortex areas 4a and 4p is modulated differentially by attention to action. <b>2002</b> , 88, 514-9	115
1305	The International Consortium for Brain Mapping: A Probabilistic Atlas and Reference System for the Human Brain. <b>2002</b> , 727-755	6
1304	Age Effects on the Functional Neuroanatomy of Syntactic Processing in Sentence Comprehension. <b>2002</b> , 283-297	
1303	Interhemispheric transmission of visuomotor information in humans: fMRI evidence. <b>2002</b> , 88, 1051-8	121
1302	Statistics I: Experimental Design and Statistical Parametric Mapping. <b>2002</b> , 605-631	9
1301	Contrast sensitivity in human visual areas and its relationship to object recognition. <b>2002</b> , 87, 3102-16	170
1300	Learning of sequences of finger movements and timing: frontal lobe and action-oriented representation. <b>2002</b> , 88, 2035-46	102

1299	Long-term consequences of switching handedness: a positron emission tomography study on handwriting in "converted" left-handers. <b>2002</b> , 22, 2816-25	79
1298	Functional MRI. <b>2002</b> , 315-349	10
1297	Task instructions influence the cognitive strategies involved in line bisection judgements: evidence from modulated neural mechanisms revealed by fMRI. <b>2002</b> , 40, 119-30	110
1296	Brain activity related to integrative processes in visual object recognition: bottom-up integration and the modulatory influence of stored knowledge. <b>2002</b> , 40, 1254-67	65
1295	Reading the mind from eye gaze. <b>2002</b> , 40, 1129-38	296
1294	Neural response to emotional faces with and without awareness: event-related fMRI in a parietal patient with visual extinction and spatial neglect. <b>2002</b> , 40, 2156-66	244
1293	The neuroanatomical substrate of sound duration discrimination. <b>2002</b> , 40, 1956-64	96
1292	Neural substrates of animal mental imagery: calcarine sulcus and dorsal pathway involvement--an fMRI study. <b>2002</b> , 924, 176-83	37
1291	Brain metabolic effects of Neotrofin in patients with Alzheimer's disease. <b>2002</b> , 951, 87-95	20
1290	Analysis of the neuronal selectivity underlying low fMRI signals. <b>2002</b> , 12, 964-72	119
1289	Neural processing of auditory looming in the human brain. <b>2002</b> , 12, 2147-51	119
1288	Decision-making in a risk-taking task: a PET study. <b>2002</b> , 26, 682-91	315
1287	Scopolamine but not lorazepam modulates face repetition priming: a psychopharmacological fMRI study. <b>2002</b> , 27, 282-92	50
1286	Predictors of fluvoxamine response in contamination-related obsessive compulsive disorder: a PET symptom provocation study. <b>2002</b> , 27, 782-91	121
1285	Using a bidimensional t test to compare simultaneous activations in functional brain MRI. <b>2002</b> , 26, 77-80	1
1284	Spatial independent component analysis of functional magnetic resonance imaging time-series: characterization of the cortical components. <b>2002</b> , 49, 241-254	37
1283	Age, sex and laterality effects on cerebral glucose metabolism in healthy adults. <b>2002</b> , 114, 23-37	96
1282	Perfusion MRI and computerized cognitive test abnormalities in abstinent methamphetamine users. <b>2002</b> , 114, 65-79	175

1281	Left prefrontal-repetitive transcranial magnetic stimulation (rTMS) and regional cerebral glucose metabolism in normal volunteers. <b>2002</b> , 115, 101-13	86
1280	Cerebral correlates of selective attention in schizophrenic patients with formal thought disorder: a controlled H2 15O-PET study. <b>2002</b> , 115, 137-53	10
1279	Lack of self-control as assessed by a personality inventory is related to reduced volume of supplementary motor area. <b>2002</b> , 116, 53-61	21
1278	Different brain activation patterns during production of animals versus artefacts: a PET activation study on category-specific processing. <b>2002</b> , 13, 95-9	9
1277	Consistency of inter-trial activation using single-trial fMRI: assessment of regional differences. <b>2002</b> , 13, 129-38	12
1276	Functional magnetic resonance imaging of brain activity in the visual oddball task. <b>2002</b> , 14, 347-56	118
1275	Dynamic patterns make the premotor cortex interested in objects: influence of stimulus and task revealed by fMRI. <b>2002</b> , 14, 357-69	35
1274	Effects of practice on executive control investigated with fMRI. <b>2002</b> , 15, 47-60	37
1273	Exploratory data analysis in functional neuroimaging. <b>2002</b> , 25, 1-3	4
1272	A novel, direct spatio-temporal approach for analyzing fMRI experiments. <b>2002</b> , 25, 5-17	5
1271	Exploring regions of interest with cluster analysis (EROICA) using a spectral peak statistic for selecting and testing the significance of fMRI activation time-series. <b>2002</b> , 25, 45-67	17
1270	An evaluation of methods for detecting brain activations from functional neuroimages. <b>2002</b> , 25, 69-88	39
1269	Windows on the brain: the emerging role of atlases and databases in neuroscience. <b>2002</b> , 12, 574-9	222
1268	Insular cortex involvement in mesiotemporal lobe epilepsy: a positron emission tomography study. <b>2002</b> , 51, 202-8	88
1267	Regional differences of fMR signal changes induced by hyperventilation: comparison between SE-EPI and GE-EPI at 3-T. <b>2002</b> , 15, 23-30	21
1266	Altered regional brain glucose metabolism in Duchenne muscular dystrophy: a pet study. <b>2002</b> , 26, 506-12	55
1265	Characterizing instantaneous phase relationships in whole-brain fMRI activation data. <i>Human Brain Mapping</i> , <b>2002</b> , 16, 71-80	5.9 24
1264	Changes in cerebellar activation pattern during two successive sequences of saccades. <i>Human Brain Mapping</i> , <b>2002</b> , 16, 63-70	5.9 23

1263	Sensory system interactions during simultaneous vestibular and visual stimulation in PET. <i>Human Brain Mapping, 2002, 16, 92-103</i>	5.9	102
1262	Visual detection of motion speed in humans: spatiotemporal analysis by fMRI and MEG. <i>Human Brain Mapping, 2002, 16, 104-18</i>	5.9	70
1261	Prefrontal cortex involvement in processing incorrect arithmetic equations: evidence from event-related fMRI. <i>Human Brain Mapping, 2002, 16, 119-30</i>	5.9	66
1260	Using larger dimensional signal subspaces to increase sensitivity in fMRI time series analyses. <i>Human Brain Mapping, 2002, 17, 13-6</i>	5.9	18
1259	fMRI reveals brain regions mediating slow prosodic modulations in spoken sentences. <i>Human Brain Mapping, 2002, 17, 73-88</i>	5.9	273
1258	Comparison of spatial normalization procedures and their impact on functional maps. <i>Human Brain Mapping, 2002, 16, 228-50</i>	5.9	81
1257	Functional brain activation during arithmetic processing in females with fragile X Syndrome is related to FMR1 protein expression. <i>Human Brain Mapping, 2002, 16, 206-18</i>	5.9	108
1256	Assessment of spatial normalization of whole-brain magnetic resonance images in children. <i>Human Brain Mapping, 2002, 17, 48-60</i>	5.9	195
1255	Modality independence of word comprehension. <i>Human Brain Mapping, 2002, 16, 251-61</i>	5.9	195
1254	Comparing brain activation associated with isolated upper and lower limb movement across corresponding joints. <i>Human Brain Mapping, 2002, 17, 131-40</i>	5.9	139
1253	Statistical parametric mapping of LORETA using high density EEG and individual MRI: application to mismatch negativities in schizophrenia. <i>Human Brain Mapping, 2002, 17, 168-78</i>	5.9	90
1252	Determination of individual stimulus--response curves in the visual cortex. <i>Human Brain Mapping, 2002, 17, 244-50</i>	5.9	20
1251	Monitoring eye movements during fMRI tasks with echo planar images. <i>Human Brain Mapping, 2002, 17, 237-43</i>	5.9	24
1250	Nonparametric permutation tests for functional neuroimaging: a primer with examples. <i>Human Brain Mapping, 2002, 15, 1-25</i>	5.9	4470
1249	Fast and precise independent component analysis for high field fMRI time series tailored using prior information on spatiotemporal structure. <i>Human Brain Mapping, 2002, 15, 54-66</i>	5.9	36
1248	Age-related differences in the medial temporal lobe responses to emotional faces as revealed by fMRI. <b>2002, 12, 352-62</b>		158
1247	The effects of a sedative antihistamine, d-chlorpheniramine, on visuomotor spatial discrimination and regional brain activity as measured by positron emission tomography (PET). <b>2002, 17, 413-8</b>		27
1246	Regional differences in distribution volume of I-123 IMP in the human brain: effect on CBF calculated by ARG method. <b>2002, 16, 311-6</b>		3

1245	Estimating the effective degrees of freedom in univariate multiple regression analysis. <b>2002</b> , 6, 63-75	22
1244	Regional cerebral blood flow during light sleep--a H(2)(15)O-PET study. <b>2002</b> , 11, 201-7	94
1243	Sailing into the 21st Century: Magnetic Resonance Techniques in Epilepsy. <b>2002</b> , 43, 1-3	2
1242	Diffusion and Perfusion MRI in Epilepsy. <b>2002</b> , 43, 69-77	18
1241	Nuclear Medicine in Neurodegenerative Disorders. <b>2002</b> , 6, 19-28	1
1240	The effect of the 5-HT <sub>3</sub> receptor antagonist, alosetron, on brain responses to visceral stimulation in irritable bowel syndrome patients. <b>2002</b> , 16, 1357-66	95
1239	Changes in regional cerebral blood flow abnormalities in late-life depression following response to electroconvulsive therapy. <b>2002</b> , 56, 31-40	41
1238	Posterior parietal cortex control of reach-to-grasp movements in humans. <b>2002</b> , 15, 2037-42	38
1237	Direction of cross-modal information transfer affects human brain activation: a PET study. <b>2002</b> , 16, 137-44	19
1236	Effects of cholinergic enhancement on conditioning-related responses in human auditory cortex. <b>2002</b> , 16, 2199-206	35
1235	Characterization of BOLD-fMRI signal during a verbal fluency paradigm in patients with intracerebral tumors affecting the frontal lobe. <b>2002</b> , 20, 7-16	32
1234	A simple and fast technique for on-line fMRI data analysis. <b>2002</b> , 20, 207-13	4
1233	Estimating sample size in functional MRI (fMRI) neuroimaging studies: statistical power analyses. <b>2002</b> , 118, 115-28	437
1232	Serotonin modulation of cerebral glucose metabolism measured with positron emission tomography (PET) in human subjects. <b>2002</b> , 45, 105-12	38
1231	Automatic and intentional brain responses during evaluation of trustworthiness of faces. <b>2002</b> , 5, 277-83	791
1230	Multiple levels of visual object constancy revealed by event-related fMRI of repetition priming. <b>2002</b> , 5, 491-9	451
1229	State-related and item-related neural correlates of successful memory encoding. <b>2002</b> , 5, 1339-44	160
1228	Functional brain imaging of childhood clinical disorders with PET and SPECT. <b>2002</b> , 5, 344-360	

1227	SPECT and Alzheimer's Disease. <b>2002</b> , 2, 85-92	2
1226	Finding the self? An event-related fMRI study. <b>2002</b> , 14, 785-94	1308
1225	Listening to polyphonic music recruits domain-general attention and working memory circuits. <b>2002</b> , 2, 121-40	157
1224	Striatal activity in concept learning. <b>2002</b> , 2, 149-61	56
1223	Fiswidgets: a graphical computing environment for neuroimaging analysis. <b>2003</b> , 1, 111-25	62
1222	Response inhibition and impulsivity: an fMRI study. <b>2003</b> , 41, 1959-66	441
1221	Modulation of cerebellar activation by predictive and non-predictive sequential finger movements. <b>2003</b> , 2, 233-40	13
1220	Activation of human motion processing areas during event perception. <b>2003</b> , 3, 335-45	104
1219	Quantitative cerebral H <sub>2</sub> (15)O perfusion PET without arterial blood sampling, a method based on washout rate. <b>2003</b> , 30, 572-80	17
1218	Cerebral blood flow in depressed patients: a methodological comparison of statistical parametric mapping and region of interest analyses. <b>2003</b> , 122, 49-57	21
1217	Neural correlates of clinical symptoms and cognitive dysfunctions in obsessive-compulsive disorder. <b>2003</b> , 122, 37-47	149
1216	Cortical activation associated with the experience of auditory hallucinations and perception of human speech in schizophrenia: a PET correlation study. <b>2003</b> , 122, 139-52	100
1215	Impulsivity and prefrontal hypometabolism in borderline personality disorder. <b>2003</b> , 123, 153-63	180
1214	Application of a new image analysis technique to study brain asymmetry in schizophrenia. <b>2003</b> , 124, 25-35	30
1213	Premotor cortex in observing erroneous action: an fMRI study. <b>2003</b> , 15, 296-307	124
1212	Rapid visuomotor preparation in the human brain: a functional MRI study. <b>2003</b> , 16, 1-10	49
1211	Activation of the inferior frontal cortex in musical priming. <b>2003</b> , 16, 145-61	213
1210	A subsequent-memory effect in dorsolateral prefrontal cortex. <b>2003</b> , 16, 162-6	49

1209	Focused attention in a simple dichotic listening task: an fMRI experiment. <b>2003</b> , 16, 257-66	78
1208	Rule learning in a serial reaction time task: an fMRI study on patients with early Parkinson's disease. <b>2003</b> , 16, 273-84	48
1207	Phonological processing during language production: fMRI evidence for a shared production-comprehension network. <b>2003</b> , 16, 285-96	90
1206	Both parietal lobes are involved in drawing: a functional MRI study and implications for constructional apraxia. <b>2003</b> , 16, 338-47	84
1205	Tactile-visual cross-modal shape matching: a functional MRI study. <b>2003</b> , 17, 14-25	90
1204	Hemispheric lateralization of cerebral blood-flow changes during selective listening to dichotically presented continuous speech. <b>2003</b> , 17, 201-11	36
1203	Distinct neural substrates for visual search amongst spatial versus temporal distractors. <b>2003</b> , 17, 368-79	51
1202	fMRI evidence that the neural basis of response inhibition is task-dependent. <b>2003</b> , 17, 419-30	242
1201	Functional anatomy of impaired selective attention and compensatory processing in autism. <b>2003</b> , 17, 651-64	192
1200	Functional neuroanatomy of interference in overlapping dual tasks: an fMRI study. <b>2003</b> , 17, 733-46	115
1199	Computer-assisted imaging to assess brain structure in healthy and diseased brains. <b>2003</b> , 2, 79-88	312
1198	Neuroimaging studies of fronto-limbic dysfunction in geriatric depression. <b>2003</b> , 2, 324-330	6
1197	Dissociable brain mechanisms for inhibitory control: effects of interference content and working memory capacity. <b>2003</b> , 18, 26-38	72
1196	Semantic decision making in early probable AD: a PET activation study. <b>2003</b> , 18, 89-96	7
1195	Effects of low-spatial frequency components of fearful faces on fusiform cortex activity. <b>2003</b> , 13, 1824-9	150
1194	Explaining modulation of reasoning by belief. <b>2003</b> , 87, B11-22	336
1193	Functional imaging of the semantic system: retrieval of sensory-experienced and verbally learned knowledge. <b>2003</b> , 84, 120-33	64
1192	On the lateralization of emotional prosody: an event-related functional MR investigation. <b>2003</b> , 86, 366-76	236



1191	Cortical localisation of the visual and auditory word form areas: a reconsideration of the evidence. <b>2003</b> , 86, 272-86		98
1190	Sex differences in semantic language processing: a functional MRI study. <b>2003</b> , 84, 264-72		105
1189	A fMRI study of word retrieval in aphasia. <b>2003</b> , 85, 357-68		141
1188	Distributed cortical networks for syntax processing: Broca's area as the common denominator. <b>2003</b> , 85, 402-8		64
1187	Mise en évidence, sur des images de tomographie à émission de positrons, d'un dysfonctionnement temporel dans l'autisme de l'enfant. <b>2003</b> , 51, 265-268		1
1186	Neural systems underlying lexical retrieval for sign language. <b>2003</b> , 41, 85-95		59
1185	Neural correlates of retrieval processing in the prefrontal cortex during recognition and exclusion tasks. <b>2003</b> , 41, 40-52		137
1184	Neural correlates of naming animals from their characteristic sounds. <b>2003</b> , 41, 847-54		51
1183	Delusions of alien control in the normal brain. <b>2003</b> , 41, 1058-67		249
1182	The role of the rostral frontal cortex (area 10) in prospective memory: a lateral versus medial dissociation. <b>2003</b> , 41, 906-18		313
1181	A combined neuropsychological and neuroimaging study of topographical and non-verbal memory in semantic dementia. <b>2003</b> , 41, 1148-59		32
1180	Real-time functional MRI using a PC cluster. <b>2003</b> , 19B, 14-25		10
1179	Statistical flattening of MEG beamformer images. <i>Human Brain Mapping</i> , <b>2003</b> , 18, 1-12	5.9	150
1178	Power spectrum ranked independent component analysis of a periodic fMRI complex motor paradigm. <i>Human Brain Mapping</i> , <b>2003</b> , 18, 111-22	5.9	49
1177	Human prefrontal and sensory cortical activity during divided attention tasks. <i>Human Brain Mapping</i> , <b>2003</b> , 18, 249-59	5.9	94
1176	Independent component model for cognitive functions of multiple subjects using [15O]H <sub>2</sub> O PET images. <i>Human Brain Mapping</i> , <b>2003</b> , 18, 284-95	5.9	14
1175	Developmental aspects of language processing: fMRI of verbal fluency in children and adults. <i>Human Brain Mapping</i> , <b>2003</b> , 18, 176-85	5.9	182
1174	Distinct brain regions associated with syllable and phoneme. <i>Human Brain Mapping</i> , <b>2003</b> , 18, 201-7	5.9	77

1173	Demand on verbal working memory delays haemodynamic response in the inferior prefrontal cortex. <i>Human Brain Mapping</i> , <b>2003</b> , 19, 37-46	5.9	22
1172	Effects of age and speed of processing on rCBF correlates of syntactic processing in sentence comprehension. <i>Human Brain Mapping</i> , <b>2003</b> , 19, 112-31	5.9	24
1171	The role of age of acquisition and language usage in early, high-proficient bilinguals: an fMRI study during verbal fluency. <i>Human Brain Mapping</i> , <b>2003</b> , 19, 170-82	5.9	307
1170	Relation between brain activation and lexical performance. <i>Human Brain Mapping</i> , <b>2003</b> , 19, 155-69	5.9	113
1169	Phonological short-term memory networks following recovery from Landau and Kleffner syndrome. <i>Human Brain Mapping</i> , <b>2003</b> , 19, 133-44	5.9	73
1168	Repetition effects elicited by objects and their contexts: an fMRI study. <i>Human Brain Mapping</i> , <b>2003</b> , 19, 145-54	5.9	11
1167	Accuracy and applications of group MEG studies using cortical source locations estimated from participants' scalp surfaces. <i>Human Brain Mapping</i> , <b>2003</b> , 20, 142-7	5.9	25
1166	Detection and quantification of a wide range of fMRI temporal responses using a physiologically-motivated basis set. <i>Human Brain Mapping</i> , <b>2003</b> , 20, 168-83	5.9	49
1165	Model assessment and model building in fMRI. <i>Human Brain Mapping</i> , <b>2003</b> , 20, 227-38	5.9	25
1164	Regional analysis of hippocampal activation during memory encoding and retrieval: fMRI study. <b>2003</b> , 13, 164-74		184
1163	Wavelet statistics of functional MRI data and the general linear model. <b>2003</b> , 17, 20-30		15
1162	Investigating the stimulus-dependent temporal dynamics of the BOLD signal using spectral methods. <b>2003</b> , 17, 375-82		17
1161	Brain perfusion SPECT in patients with corticobasal degeneration: analysis using statistical parametric mapping. <b>2003</b> , 18, 697-703		24
1160	MRI-based morphometric of typical and atypical brain development. <b>2003</b> , 9, 155-60		22
1159	Increased brain white matter diffusivity in normal adult aging: relationship to anisotropy and partial voluming. <b>2003</b> , 49, 953-61		230
1158	Cluster analysis of BOLD fMRI time series in tumors to study the heterogeneity of hemodynamic response to treatment. <b>2003</b> , 49, 985-90		28
1157	Primary progressive aphasia: PPA and the language network. <b>2003</b> , 53, 35-49		115
1156	Plasticity of the nigropallidal pathway in Parkinson's disease. <b>2003</b> , 53, 206-13		132

1155	Slower progression of Parkinson's disease with ropinirole versus levodopa: The REAL-PET study. <b>2003</b> , 54, 93-101	691
1154	Neuroanatomical database of normal Japanese brains. <b>2003</b> , 16, 1301-10	49
1153	A template for spatial normalisation of MR images of the rat brain. <b>2003</b> , 129, 105-13	175
1152	Separating neural processes using mixed event-related and epoch-based fMRI paradigms. <b>2003</b> , 131, 41-50	11
1151	Influence of baseline hematocrit on between-subject BOLD signal change using gradient echo and asymmetric spin echo EPI. <b>2003</b> , 21, 599-607	26
1150	PACS-based functional magnetic resonance imaging. <b>2003</b> , 27, 229-40	4
1149	Functional imaging and language: A critical guide to methodology and analysis. <b>2003</b> , 41, 7-21	13
1148	Brain glucose metabolic changes associated with neuropsychological improvements after 4 months of treatment in patients with obsessive-compulsive disorder. <b>2003</b> , 107, 291-7	91
1147	Gray matter features of schizotypal disorder patients exhibiting the schizophrenia-related code types of the Minnesota Multiphasic Personality Inventory. <b>2003</b> , 108, 333-40	20
1146	EEG-related functional MRI in benign childhood epilepsy with centrotemporal spikes. <b>2003</b> , 44, 688-92	55
1145	Functional properties and interaction of the anterior and posterior intraparietal areas in humans. <b>2003</b> , 17, 1105-10	108
1144	Cerebral regions processing first- and higher-order motion in an opposed-direction discrimination task. <b>2003</b> , 17, 1509-17	21
1143	Neural activity related to the processing of increasing monetary reward in smokers and nonsmokers. <b>2003</b> , 18, 680-8	54
1142	Amygdala and anterior cingulate cortex activation during affective startle modulation: a PET study of fear. <b>2003</b> , 18, 1325-31	122
1141	No change in the structure of the brain in migraine: a voxel-based morphometric study. <b>2003</b> , 10, 53-7	86
1140	Residual Hippocampal Atrophy in Asphyxiated Term Neonates. <b>2003</b> , 13, 68-74	19
1139	Apomorphine-induced brain modulation during sexual stimulation: a new look at central phenomena related to erectile dysfunction. <b>2003</b> , 15, 203-9	42
1138	Lactate: a preferred fuel for human brain metabolism in vivo. <b>2003</b> , 23, 658-64	195

1137	Graspable objects grab attention when the potential for action is recognized. <b>2003</b> , 6, 421-7	181
1136	Early 'visual' cortex activation correlates with superior verbal memory performance in the blind. <b>2003</b> , 6, 758-66	463
1135	Correlation between language organization and diffusion tensor abnormalities in refractory partial epilepsy. <b>2003</b> , 44, 1541-5	29
1134	Positron emission tomography in central nervous system drug discovery and development. <b>2003</b> , 13, 851-6, xi	1
1133	Functional MR imaging: paradigms for clinical preoperative mapping. <b>2003</b> , 11, 529-42, v	36
1132	Single photon emission computed tomography imaging in obsessive-compulsive disorder and for stereotactic bilateral anterior cingulotomy. <b>2003</b> , 14, 237-50	4
1131	Activation detection in fMRI using a maximum energy ratio statistic obtained by adaptive spatial filtering. <b>2003</b> , 22, 795-805	14
1130	Cerebral function in posttraumatic stress disorder during verbal working memory updating: a positron emission tomography study. <b>2003</b> , 53, 474-81	104
1129	Regional cerebral blood flow in depressed patients with white matter magnetic resonance hyperintensity. <b>2003</b> , 53, 150-6	54
1128	Cerebral benzodiazepine receptors in depressed patients measured with [123I]iomazenil SPECT. <b>2003</b> , 54, 792-9	50
1127	Intensity-dependent regional cerebral blood flow during 1-Hz repetitive transcranial magnetic stimulation (rTMS) in healthy volunteers studied with H2150 positron emission tomography: I. Effects of primary motor cortex rTMS. <b>2003</b> , 54, 818-25	75
1126	Decreased volume and increased asymmetry of the anterior limb of the internal capsule in patients with schizophrenia. <b>2003</b> , 54, 427-36	105
1125	Widespread increases of cortical serotonin type 2A receptor availability after hormone therapy in euthymic postmenopausal women. <b>2003</b> , 80, 554-9	69
1124	Sex-related differences in IBS patients: central processing of visceral stimuli. <b>2003</b> , 124, 1738-47	238
1123	Functional magnetic resonance imaging responses to expiratory loading in obstructive sleep apnea. <b>2003</b> , 138, 275-90	76
1122	Single-shot T(2)* mapping with 3D compensation of local susceptibility gradients in multiple regions. <b>2003</b> , 18, 390-400	43
1121	Generalized least-squares method applied to fMRI time series with empirically determined correlation matrix. <b>2003</b> , 18, 588-94	9
1120	Single trial fMRI reveals significant contralateral bias in responses to laser pain within thalamus and somatosensory cortices. <b>2003</b> , 18, 740-8	121

1119	Separating distractor rejection and target detection in posterior parietal cortex--an event-related fMRI study of visual marking. <b>2003</b> , 18, 310-23	91
1118	Left and right occipital cortices differ in their response to spatial cueing. <b>2003</b> , 18, 273-83	6
1117	Estimating efficiency a priori: a comparison of blocked and randomized designs. <b>2003</b> , 18, 798-805	43
1116	Comparison of fMRI activation at 3 and 1.5 T during perceptual, cognitive, and affective processing. <b>2003</b> , 18, 813-26	104
1115	Real-time fMRI of temporolimbic regions detects amygdala activation during single-trial self-induced sadness. <b>2003</b> , 18, 760-8	223
1114	Functional MRI of brain activation evoked by intentional eye blinking. <b>2003</b> , 18, 749-59	28
1113	Individual differences in rCBF correlates of syntactic processing in sentence comprehension: effects of working memory and speed of processing. <b>2003</b> , 19, 101-12	34
1112	Changes in cerebral morphology consequent to peripheral autonomic denervation. <b>2003</b> , 18, 908-16	26
1111	Are action and perception in near and far space additive or interactive factors?. <b>2003</b> , 18, 837-46	105
1110	Anatomic dissociation of selective and suppressive processes in visual attention. <b>2003</b> , 19, 180-9	28
1109	How atypical is atypical language dominance?. <b>2003</b> , 18, 917-27	96
1108	Neural correlates underlying mental calculation in abacus experts: a functional magnetic resonance imaging study. <b>2003</b> , 19, 296-307	112
1107	Increased regional cerebral blood flow but normal distribution of GABAA receptor in the visual cortex of subjects with early-onset blindness. <b>2003</b> , 19, 125-31	11
1106	Variational Bayesian inference for fMRI time series. <b>2003</b> , 19, 727-41	158
1105	Influence of the normalization template on the outcome of statistical parametric mapping of PET scans. <b>2003</b> , 19, 601-12	113
1104	Cognitive reserve modulates functional brain responses during memory tasks: a PET study in healthy young and elderly subjects. <b>2003</b> , 19, 1215-27	118
1103	Experimental evaluation of iterative reconstruction versus filtered back projection for 3D [15O]water PET activation studies using statistical parametric mapping analysis. <b>2003</b> , 19, 1170-9	19
1102	Estimation of general linear model coefficients for real-time application. <b>2003</b> , 19, 422-9	61

1101	Going beyond the information given: a neural system supporting semantic interpretation. <b>2003</b> , 19, 870-6	75
1100	The human action recognition system and its relationship to Broca's area: an fMRI study. <b>2003</b> , 19, 637-44	231
1099	Spatial vs. object specific attention in high-order visual areas. <b>2003</b> , 19, 308-18	29
1098	In search of the hidden: an fMRI study with implications for the study of patients with autism and with acquired brain injury. <b>2003</b> , 19, 674-83	39
1097	Impaired thalamocortical connectivity in humans during general-anesthetic-induced unconsciousness. <b>2003</b> , 19, 402-11	164
1096	Estimation of the local statistical noise in positron emission tomography revisited: practical implementation. <b>2003</b> , 19, 442-56	11
1095	Power grip disinhibits the ipsilateral sensorimotor cortex: a TMS and fMRI study. <b>2003</b> , 19, 332-40	21
1094	The single-epoch fMRI design: validation of a simplified paradigm for the collection of subjective ratings. <b>2003</b> , 19, 976-87	28
1093	Posterior probability maps and SPMs. <b>2003</b> , 19, 1240-9	175
1092	Pain modulates cerebral activity during cognitive performance. <b>2003</b> , 19, 655-64	38
1091	Internal vs external generation of movements: differential neural pathways involved in bimanual coordination performed in the presence or absence of augmented visual feedback. <b>2003</b> , 19, 764-76	241
1090	Diagnosis and exploration of massively univariate neuroimaging models. <b>2003</b> , 19, 1014-32	111
1089	Eye closure in darkness animates sensory systems. <b>2003</b> , 19, 924-34	126
1088	Occipito-parietal cortex activation during visuo-spatial imagery in early blind humans. <b>2003</b> , 19, 698-709	76
1087	Event-related fMRI for the suppression of speech-associated artifacts in stuttering. <b>2003</b> , 19, 1076-84	39
1086	Neural mechanisms of top-down control during spatial and feature attention. <b>2003</b> , 19, 496-512	294
1085	An automated method for neuroanatomic and cytoarchitectonic atlas-based interrogation of fMRI data sets. <b>2003</b> , 19, 1233-9	4198
1084	Brain function and personality in normal males: a SPECT study using statistical parametric mapping. <b>2003</b> , 19, 1145-62	27

1083	Within-subject variability of BOLD response dynamics. <b>2003</b> , 19, 784-96	74
1082	Thinking of the future and past: the roles of the frontal pole and the medial temporal lobes. <b>2003</b> , 19, 1369-80	498
1081	The LONI Pipeline Processing Environment. <b>2003</b> , 19, 1033-48	262
1080	A novel method for noninvasive detection of neuromodulatory changes in specific neurotransmitter systems. <b>2003</b> , 19, 1049-60	104
1079	Bright spots: correlations of gray matter volume with IQ in a normal pediatric population. <b>2003</b> , 20, 202-15	177
1078	Auditory what, where, and when: a sensory somatotopy in lateral premotor cortex. <b>2003</b> , 20, 173-85	118
1077	Effect of head orientation on gaze processing in fusiform gyrus and superior temporal sulcus. <b>2003</b> , 20, 318-29	49
1076	Changes in brain activation patterns associated with learning of Korean words by Japanese: an fMRI study. <b>2003</b> , 20, 1-11	20
1075	Functional reorganization of brain in children affected with congenital hemiplegia: fMRI study. <b>2003</b> , 20, 289-301	47
1074	A voxel-based morphometric study of nondemented adults with Down Syndrome. <b>2003</b> , 20, 393-403	119
1073	Effects of gender on blood flow correlates of naming concrete entities. <b>2003</b> , 20, 940-54	48
1072	Functional brain imaging of olfactory processing in monkeys. <b>2003</b> , 20, 257-64	20
1071	Temporal integration of sequential auditory events: silent period in sound pattern activates human planum temporale. <b>2003</b> , 20, 429-34	52
1070	Inferior central sulcus: variations of anatomy and function on the example of the motor tongue area. <b>2003</b> , 20, 601-10	53
1069	Cholinergic enhancement modulates neural correlates of selective attention and emotional processing. <b>2003</b> , 20, 58-70	138
1068	Common and distinct neural responses during direct and incidental processing of multiple facial emotions. <b>2003</b> , 20, 84-97	310
1067	Neural correlates of the complexity of rhythmic finger tapping. <b>2003</b> , 20, 918-26	83
1066	Region growing method for the analysis of functional MRI data. <b>2003</b> , 20, 455-65	72

1065	Time-series analysis of MRI intensity patterns in multiple sclerosis. <b>2003</b> , 20, 1193-209	72
1064	When the same response has different meanings: recoding the response meaning in the lateral prefrontal cortex. <b>2003</b> , 20, 1026-31	89
1063	Statistical properties of BOLD magnetic resonance activity in the human brain. <b>2003</b> , 20, 1096-109	16
1062	fMRI BOLD response to increasing task difficulty during successful paired associates learning. <b>2003</b> , 20, 1006-19	98
1061	Functional MRI in neonates using neonatal head coil and MR compatible incubator. <b>2003</b> , 20, 683-92	69
1060	Effects of attenuation correction and reconstruction method on PET activation studies. <b>2003</b> , 20, 898-908	11
1059	The influence of extra- and intracranial artery disease on the BOLD signal in fMRI. <b>2003</b> , 20, 1393-9	101
1058	Abnormal processing of speech during oddball target detection in schizophrenia. <b>2003</b> , 20, 889-97	42
1057	fMRI of emotional responses to odors: influence of hedonic valence and judgment, handedness, and gender. <b>2003</b> , 20, 713-28	275
1056	Prefrontal cortex involvement in preattentive auditory deviance detection: neuroimaging and electrophysiological evidence. <b>2003</b> , 20, 1270-82	261
1055	Brain processing of visual sexual stimuli in healthy men: a functional magnetic resonance imaging study. <b>2003</b> , 20, 855-69	182
1054	Instruction-specific brain activations during episodic encoding. a generalized level of processing effect. <b>2003</b> , 20, 1795-810	13
1053	Sustained blood oxygenation and volume response to repetition rate-modulated sound in human auditory cortex. <b>2003</b> , 20, 1365-70	9
1052	Reliability of functional localization using fMRI. <b>2003</b> , 20, 1561-77	57
1051	Bayesian second-level analysis of functional magnetic resonance images. <b>2003</b> , 20, 1346-55	60
1050	Neural substrates participating in acquisition of facial familiarity: an fMRI study. <b>2003</b> , 20, 1734-42	61
1049	Functional connectivity in the resting brain: a network analysis of the default mode hypothesis. <b>2003</b> , 100, 253-8	475 <sup>8</sup>
1048	A dynamic causal modeling study on category effects: bottom-up or top-down mediation?. <b>2003</b> , 15, 925-34	124



1047	The neural substrates of driving at a safe distance: a functional MRI study. <b>2003</b> , 352, 199-202	81
1046	Global BOLD MRI changes to ventilatory challenges in congenital central hypoventilation syndrome. <b>2003</b> , 139, 41-50	24
1045	The Analysis of Gene Expression Data: An Overview of Methods and Software. <b>2003</b> , 1-45	16
1044	Human motor cortex activity during mental rotation. <b>2003</b> , 20, 225-32	45
1043	Neural development of selective attention and response inhibition. <b>2003</b> , 20, 737-51	263
1042	A study of the acute effect of smoking on cerebral blood flow using 99mTc-ECD SPET. <b>2003</b> , 30, 612-4	24
1041	Mapping brain asymmetry. <b>2003</b> , 4, 37-48	981
1040	Neural correlates of auditory perception in Williams syndrome: an fMRI study. <b>2003</b> , 18, 74-82	105
1039	The evaluation of preprocessing choices in single-subject BOLD fMRI using NPAIRS performance metrics. <b>2003</b> , 18, 10-27	88
1038	Brain activations during visual search: contributions of search efficiency versus feature binding. <b>2003</b> , 18, 91-103	129
1037	FDG-PET findings in the Wernicke-Korsakoff syndrome. <b>2003</b> , 39, 1027-45	126
1036	Performing allocentric visuospatial judgments with induced distortion of the egocentric reference frame: an fMRI study with clinical implications. <b>2003</b> , 20, 1505-17	171
1035	Assessment of the impact of model-based scatter correction on [18F]-FDG 3D brain PET in healthy subjects using statistical parametric mapping. <b>2003</b> , 20, 1848-56	17
1034	Frontal activations associated with accessing and evaluating information in working memory: an fMRI study. <b>2003</b> , 20, 1531-9	124
1033	Binaural specialisation in human auditory cortex: an fMRI investigation of interaural correlation sensitivity. <b>2003</b> , 20, 1783-94	46
1032	LORETA imaging of P300 in schizophrenia with individual MRI and 128-channel EEG. <b>2003</b> , 20, 1552-60	47
1031	Preserved verbal memory function in left medial temporal pathology involves reorganisation of function to right medial temporal lobe. <b>2003</b> , 20 Suppl 1, S112-9	97
1030	Neural mechanisms associated with attention to temporal synchrony versus spatial orientation: an fMRI study. <b>2003</b> , 20 Suppl 1, S58-65	30

1029	Normal and pathological reading: converging data from lesion and imaging studies. <b>2003</b> , 20 Suppl 1, S30-41	73
1028	Resting regional cerebral perfusion in recent posttraumatic stress disorder. <b>2003</b> , 54, 1077-86	118
1027	Amygdala hyperreactivity in borderline personality disorder: implications for emotional dysregulation. <b>2003</b> , 54, 1284-93	527
1026	State and trait influences on mood regulation in bipolar disorder: blood flow differences with an acute mood challenge. <b>2003</b> , 54, 1274-83	116
1025	Differential sex-independent amygdala response to infant crying and laughing in parents versus nonparents. <b>2003</b> , 54, 1367-75	330
1024	Implicit transfer of motor strategies in mental rotation. <b>2003</b> , 52, 135-43	119
1023	Brain activation and the phonological loop: the impact of rehearsal. <b>2003</b> , 53, 293-6	33
1022	Functional specialization within the anterior medial prefrontal cortex: a functional magnetic resonance imaging study with human subjects. <b>2003</b> , 335, 183-6	67
1021	Haloperidol challenge in healthy male humans: a functional magnetic resonance imaging study. <b>2003</b> , 340, 193-6	23
1020	The role of the human supplementary motor area in reactive motor operation. <b>2003</b> , 344, 177-80	9
1019	Facial recognition reactivates the primary visual cortex: an functional magnetic resonance imaging study in humans. <b>2003</b> , 350, 21-4	2
1018	A voxel-based morphometry study of temporal lobe gray matter reductions in Alzheimer's disease. <b>2003</b> , 24, 221-31	166
1017	Age-related differences in brain activation during emotional face processing. <b>2003</b> , 24, 285-95	230
1016	Imaging methods for evaluating brain function in man. <b>2003</b> , 24 Suppl 1, S21-35; discussion S37-9	43
1015	Auditory-visual speech perception examined by fMRI and PET. <b>2003</b> , 47, 277-87	181
1014	Individual differences in general intelligence correlate with brain function during nonreasoning tasks. <b>2003</b> , 31, 429-441	124
1013	Brain activity during auditory backward and simultaneous masking tasks. <b>2003</b> , 181, 8-14	11
1012	Striatal dopamine D1 and D2 receptors in burning mouth syndrome. <b>2003</b> , 101, 149-54	186

1011	Imaging of central itch modulation in the human brain using positron emission tomography. <b>2003</b> , 105, 339-46	151
1010	Altered dopamine D2 receptor binding in atypical facial pain. <b>2003</b> , 106, 43-8	152
1009	Studying spontaneous EEG activity with fMRI. <b>2003</b> , 43, 110-33	152
1008	Influence of synaptic serotonin level on [18F]altanserin binding to 5HT2 receptors in man. <b>2003</b> , 139, 21-9	24
1007	Diffusion tensor imaging in normal aging and neuropsychiatric disorders. <b>2003</b> , 45, 244-55	125
1006	Early setting of grammatical processing in the bilingual brain. <b>2003</b> , 37, 159-70	370
1005	The well-worn route and the path less traveled: distinct neural bases of route following and wayfinding in humans. <b>2003</b> , 37, 877-88	658
1004	Large-scale mirror-symmetry organization of human occipito-temporal object areas. <b>2003</b> , 37, 1027-41	263
1003	Temporal prediction errors in a passive learning task activate human striatum. <b>2003</b> , 38, 339-46	760
1002	Hemispheric dissociation in access to the human semantic system. <b>2003</b> , 38, 499-506	105
1001	Dissociating neural mechanisms of temporal sequencing and processing phonemes. <b>2003</b> , 38, 831-42	172
1000	The nose smells what the eye sees: crossmodal visual facilitation of human olfactory perception. <b>2003</b> , 39, 375-86	416
999	Neural mechanisms of transient and sustained cognitive control during task switching. <b>2003</b> , 39, 713-26	636
998	Dissociation of neural representation of intensity and affective valuation in human gustation. <b>2003</b> , 39, 701-11	623
997	Area-specific amblyopic effects in human occipitotemporal object representations. <b>2003</b> , 40, 1023-9	69
996	Direct activation of the ventral striatum in anticipation of aversive stimuli. <b>2003</b> , 40, 1251-7	372
995	Modality-specific and -independent developmental differences in the neural substrate for lexical processing. <b>2003</b> , 16, 383-405	59
994	The organisation of the bilingual lexicon: a PET study. <b>2003</b> , 16, 439-456	111

993	Grammaticality judgments on sentences with and without movement of phrasal constituents in an event-related fMRI study. <b>2003</b> , 16, 301-314	10
992	Persistence and brain circuitry. <b>2003</b> , 100, 3479-84	106
991	Amygdalar activation associated with happy facial expressions in adolescents: a 3-T functional MRI study. <b>2003</b> , 42, 979-85	31
990	[Statistical parametric mapping (SPM) in nuclear medicine]. <b>2003</b> , 22, 43-53	4
989	Differential brain activations during intentionally simulated and subjectively experienced paralysis. <b>2003</b> , 8, 295-312	86
988	Mixtures of general linear models for functional neuroimaging. <b>2003</b> , 22, 504-14	61
987	Multiresolution fMRI activation detection using translation invariant wavelet transform and statistical analysis based on resampling. <b>2003</b> , 22, 302-14	14
986	.	
985	New detection algorithm for poor signal-to-noise conditions.	1
984	Internal forward models in the cerebellum: fMRI study on grip force and load force coupling. <b>2003</b> , 142, 171-88	181
983	Epilepsy and surgical mapping. <b>2003</b> , 65, 179-92	14
982	Specific brain processing of facial expressions in people with alexithymia: an H2 15O-PET study. <b>2003</b> , 126, 1474-84	179
981	Clustering of spatiotemporal signals: application to the analysis of fMRI data.	
980	Neuroimaging the semantic system(s). <b>2003</b> , 17, 799-814	11
979	Correlation of functional MR imaging activation data with simple reaction times. <b>2003</b> , 226, 188-94	15
978	Neuroimaging studies of word and pseudoword reading: consistencies, inconsistencies, and limitations. <b>2003</b> , 15, 260-71	254
977	Brain responses to visceral and somatic stimuli in patients with irritable bowel syndrome with and without fibromyalgia. <b>2003</b> , 98, 1354-61	89
976	In vivo identification of human cortical areas using high-resolution MRI: an approach to cerebral structure-function correlation. <b>2003</b> , 100, 2981-6	126

975	Voxel-based analysis of MRI reveals anterior cingulate gray-matter volume reduction in posttraumatic stress disorder due to terrorism. <b>2003</b> , 100, 9039-43	313
974	Age-related changes in brain regional activity during chewing: a functional magnetic resonance imaging study. <b>2003</b> , 82, 657-60	134
973	Cognitive control mechanisms revealed by ERP and fMRI: evidence from repeated task-switching. <b>2003</b> , 15, 785-99	158
972	Regional brain gray matter loss in heart failure. <b>2003</b> , 95, 677-84	174
971	Neural deficits in children with dyslexia ameliorated by behavioral remediation: evidence from functional MRI. <b>2003</b> , 100, 2860-5	526
970	Neural correlates of the emergence of consciousness of thirst. <b>2003</b> , 100, 15241-6	127
969	How is the fusiform gyrus related to category-specificity?. <b>2003</b> , 20, 561-74	39
968	Face-selective activation in a congenital prosopagnosic subject. <b>2003</b> , 15, 419-31	109
967	Lexical and sublexical components of age-related changes in neural activation during visual word identification. <b>2003</b> , 15, 475-87	17
966	Acute verbal dyspraxia, a rare presentation in multiple sclerosis: a case report with MRI localization. <b>2003</b> , 9, 630-2	2
965	Semantic processing in the left inferior prefrontal cortex: a combined functional magnetic resonance imaging and transcranial magnetic stimulation study. <b>2003</b> , 15, 71-84	425
964	Functional MR images and scientific inference: reproducibility maps. <b>2003</b> , 15, 935-45	30
963	Progressive striatal and cortical dopamine receptor dysfunction in Huntington's disease: a PET study. <b>2003</b> , 126, 1127-35	180
962	Do semantic categories activate distinct cortical regions? Evidence for a distributed neural semantic system. <b>2003</b> , 20, 541-59	57
961	Detecting discriminative functional MRI activation patterns using space filling curves.	7
960	Pharmacologically modulated fMRI--cortical responsiveness to levodopa in drug-naive hemiparkinsonian patients. <b>2003</b> , 126, 451-61	250
959	Cerebral metabolic correlates as potential predictors of response to anterior cingulotomy for treatment of major depression. <b>2003</b> , 99, 1010-7	150
958	Preterm children have disturbances of white matter at 11 years of age as shown by diffusion tensor imaging. <b>2003</b> , 54, 672-9	159

957	Effects of buprenorphine maintenance dose on mu-opioid receptor availability, plasma concentrations, and antagonist blockade in heroin-dependent volunteers. <b>2003</b> , 28, 2000-9	206
956	Naming multiple objects: neural correlates as measured by positron emission tomography. <b>2003</b> , 10, 224-33	3
955	Grey and white matter flumazenil binding in neocortical epilepsy with normal MRI. A PET study of 44 patients. <b>2003</b> , 126, 1300-18	70
954	Scaling images using their background ratio. An application in statistical comparisons of images. <b>2003</b> , 48, 1539-49	4
953	Dissociating cortical regions activated by semantic and phonological tasks: a fMRI study in blind and sighted people. <b>2003</b> , 90, 1965-82	129
952	Moving tactile stimuli of fingers are integrated in the intraparietal and inferior parietal cortices. <b>2003</b> , 14, 719-24	22
951	A locus-driven mechanism for rapid and automated atlas-assisted analysis of functional images by using the Brain Atlas for Functional Imaging. <b>2003</b> , 15, E3	15
950	The effect of musicianship on pitch memory in performance matched groups. <b>2003</b> , 14, 2291-5	71
949	Neural correlates of outcome after stroke: a cross-sectional fMRI study. <b>2003</b> , 126, 1430-48	523
948	Effects of a 902 MHz mobile phone on cerebral blood flow in humans: a PET study. <b>2003</b> , 14, 2019-23	69
947	Responses of extrastriate cortex to switching perception of ambiguous visual motion stimuli. <b>2003</b> , 14, 2337-41	25
946	Neuronal correlates of familiarity-driven decisions in artificial grammar learning. <b>2003</b> , 14, 131-6	25
945	Variability of gray and white matter during normal development: a voxel-based MRI analysis. <b>2003</b> , 14, 1887-90	39
944	Measurement of striatal and thalamic dopamine D2 receptor binding with 11C-raclopride. <b>2003</b> , 24, 1207-14	59
943	Cerebral reorganisation of human hand movement following dynamic immobilisation. <b>2003</b> , 14, 1693-6	34
942	Retrosplenial cortical activation in the fibromyalgia syndrome. <b>2003</b> , 14, 619-21	41
941	Functional magnetic resonance image finding of cortical activation by neuromuscular electrical stimulation on wrist extensor muscles. <b>2003</b> , 82, 17-20	58
940	Language functional magnetic resonance imaging in preoperative assessment of language areas: correlation with direct cortical stimulation. <b>2003</b> , 52, 1335-45; discussion 1345-7	322

939	Imagery of voluntary movement of fingers, toes, and tongue activates corresponding body-part-specific motor representations. <b>2003</b> , 90, 3304-16	440
938	fMRI responses to cold pressor challenges in control and obstructive sleep apnea subjects. <b>2003</b> , 94, 1583-95	112
937	Cortical projection of peripheral vestibular signaling. <b>2003</b> , 89, 2639-46	73
936	A coil for magnetic stimulation of the macaque monkey brain. <b>2003</b> , 56, 75-80	4
935	Cerebral Cortex Diseases and Cortical Localization. <b>2003</b> ,	3
934	Neural components of social evaluation. <b>2003</b> , 85, 639-49	163
933	SPECT perfusion changes during complex partial seizures in patients with hippocampal sclerosis. <b>2003</b> , 126, 1103-11	138
932	Cognitive impairments in early Parkinson's disease are accompanied by reductions in activity in frontostriatal neural circuitry. <b>2003</b> , 23, 6351-6	419
931	Brain activation during human male ejaculation. <b>2003</b> , 23, 9185-93	324
930	New directions in structural imaging. <b>2003</b> , 95-127	2
929	Human striatal response to salient nonrewarding stimuli. <b>2003</b> , 23, 8092-7	247
928	Error monitoring using external feedback: specific roles of the habenular complex, the reward system, and the cingulate motor area revealed by functional magnetic resonance imaging. <b>2003</b> , 23, 4308-14	407
927	A functional-anatomical model for lipreading. <b>2003</b> , 90, 2005-13	93
926	Evidence for the involvement of the posterior parietal cortex in coordination of fingertip forces for grasp stability in manipulation. <b>2003</b> , 90, 2978-86	124
925	Lateral asymmetry in the hippocampal response to the remoteness of autobiographical memories. <b>2003</b> , 23, 5302-7	139
924	Effects of attention and emotion on repetition priming and their modulation by cholinergic enhancement. <b>2003</b> , 90, 1171-81	74
923	Patient Classification of fMRI Activation Maps. <b>2003</b> , 58-65	25
922	Expectation enhances the regional brain metabolic and the reinforcing effects of stimulants in cocaine abusers. <b>2003</b> , 23, 11461-8	263

921	fMRI signal changes in response to forced expiratory loading in congenital central hypoventilation syndrome. <b>2004</b> , 97, 1897-907	54
920	Functional magnetic resonance imaging during hypotension in the developing animal. <b>2004</b> , 97, 2248-57	12
919	Perceptual encoding of fingerspelled and printed alphabet by deaf signers: an fMRI study. <b>2004</b> , 98, 971-82	0
918	Neural Networks for fMRI Spatio-temporal Analysis. <b>2004</b> , 1292-1297	1
917	The General Linear Model. <b>2004</b> , 725-760	5
916	Nonparametric Permutation Tests for Functional Neuroimaging. <b>2004</b> , 887-910	10
915	Experimental Design and Statistical Parametric Mapping. <b>2004</b> , 599-632	9
914	Implicit and explicit evaluation: fMRI correlates of valence, emotional intensity, and control in the processing of attitudes. <b>2004</b> , 16, 1717-29	271
913	Neural response to emotional prosody in schizophrenia and in bipolar affective disorder. <b>2004</b> , 184, 223-30	107
912	Correlation between the amplitude of cortical activation and reaction time: a functional MRI study. <b>2004</b> , 183, 759-65	37
911	Parieto-occipital areas involved in efficient filtering in search: a time course analysis of visual marking using behavioural and functional imaging procedures. <b>2004</b> , 57, 610-35	28
910	Activation of the human superior temporal gyrus during observation of goal attribution by intentional objects. <b>2004</b> , 16, 1695-705	156
909	Neural correlates of detecting pretense: automatic engagement of the intentional stance under covert conditions. <b>2004</b> , 16, 1805-17	93
908	Categorizing and individuating others: the neural substrates of person perception. <b>2004</b> , 16, 1785-95	53
907	Acute ketamine administration alters the brain responses to executive demands in a verbal working memory task: an fMRI study. <b>2004</b> , 29, 1203-14	85
906	Beta-adrenergic modulation of emotional memory-evoked human amygdala and hippocampal responses. <b>2004</b> , 101, 11454-8	241
905	Phonological processing in Chinese-English bilingual biscriptals: an fMRI study.	0
904	Lip segmentation with the presence of beards.	9



903	4D image warping for measurement of longitudinal brain changes.	
902	Analysis of ER-fMRI time series with modified mother wavelet.	0
901	Multiscale analysis of fMRI data with mixture of Gaussian densities.	1
900	Neural substrates of response-based sequence learning using fMRI. <b>2004</b> , 16, 127-38	126
899	.	1
898	.	
897	Experimental design and analysis in functional MRI. <b>2004</b> , 2004, 5226-9	
896	The processing of visual shape in the cerebral cortex of human and nonhuman primates: a functional magnetic resonance imaging study. <b>2004</b> , 24, 2551-65	209
895	Activation of human medial prefrontal cortex during autonomic responses to hypoglycemia. <b>2004</b> , 101, 6217-21	108
894	Cortical activation shortly after cochlear implantation. <b>2004</b> , 9, 282-93	16
893	Default brain functionality in blind people. <b>2004</b> , 101, 15500-5	29
892	Neural correlates of first-person perspective as one constituent of human self-consciousness. <b>2004</b> , 16, 817-27	406
891	Overview of fMRI analysis. <b>2004</b> , 77 Spec No 2, S167-75	106
890	Fuzzy canonical correlation and cluster analysis for brain mapping on long term memory consolidated by mnemonics.	0
889	Voxel-based morphometry in tau-positive and tau-negative frontotemporal lobar degenerations. <b>2004</b> , 1, 225-30	20
888	Cognitive states classification from fMRI data using support vector machines.	
887	Effects of cannabidiol (CBD) on regional cerebral blood flow. <b>2004</b> , 29, 417-26	181
886	Cocaine dependence and d2 receptor availability in the functional subdivisions of the striatum: relationship with cocaine-seeking behavior. <b>2004</b> , 29, 1190-202	220

885	Effects of serotonin transporter promoter polymorphisms on serotonin function. <b>2004</b> , 29, 2226-34	88
884	Sequences of abstract nonbiological stimuli share ventral premotor cortex with action observation and imagery. <b>2004</b> , 24, 5467-74	161
883	Age-related cortical grey matter reductions in non-demented Down's syndrome adults determined by MRI with voxel-based morphometry. <b>2004</b> , 127, 811-24	115
882	Quantitative and statistical analyses of PET imaging studies of amyloid deposition in humans.	2
881	"What" becoming "where": functional magnetic resonance imaging evidence for pragmatic relevance driving premotor cortex. <b>2004</b> , 24, 10431-9	17
880	Chronic back pain is associated with decreased prefrontal and thalamic gray matter density. <b>2004</b> , 24, 10410-5	993
879	The neural mechanisms for minimizing cross-modal distraction. <b>2004</b> , 24, 10941-9	134
878	Asymmetrical neural substrates of tactile discrimination in humans: a functional magnetic resonance imaging study. <b>2004</b> , 24, 7524-30	88
877	A neural correlate of reward-based behavioral learning in caudate nucleus: a functional magnetic resonance imaging study of a stochastic decision task. <b>2004</b> , 24, 1660-5	230
876	Sex-related hemispheric lateralization of amygdala function in emotionally influenced memory: an FMRI investigation. <b>2004</b> , 11, 261-6	251
875	Die funktionelle Magnetresonanz-Tomographie in der Akupunkturforschung. <b>2004</b> , 47, 6-13	5
874	Deformable registration of male pelvises in CT images.	
873	The brain-derived neurotrophic factor val66met polymorphism and variation in human cortical morphology. <b>2004</b> , 24, 10099-102	728
872	Separable neural components in the processing of black and white faces. <b>2004</b> , 15, 806-13	506
871	Cardiovascular fitness, cortical plasticity, and aging. <b>2004</b> , 101, 3316-21	1151
870	Neural bases of set-shifting deficits in Parkinson's disease. <b>2004</b> , 24, 702-10	279
869	Common and contrasting areas of activation for abstract and concrete concepts: an H2 15O PET study. <b>2004</b> , 16, 1211-26	36
868	Functional parcellation of attentional control regions of the brain. <b>2004</b> , 16, 149-65	159

867	Visual activation in prefrontal cortex is stronger in monkeys than in humans. <b>2004</b> , 16, 1505-16	50
866	The hippocampal system mediates logical reasoning about familiar spatial environments. <b>2004</b> , 16, 654-64	65
865	MCI conversion to dementia and the APOE genotype: a prediction study with FDG-PET. <b>2004</b> , 63, 2332-40	298
864	Decomposing components of task preparation with functional magnetic resonance imaging. <b>2004</b> , 16, 609-20	244
863	Acute alcohol effects on neuronal and attentional processing: striatal reward system and inhibitory sensory interactions under acute ethanol challenge. <b>2004</b> , 29, 1527-37	51
862	Separable routes to human memory formation: dissociating task and material contributions in the prefrontal cortex. <b>2004</b> , 16, 139-48	31
861	Context-dependent deactivation of the amygdala during pain. <b>2004</b> , 16, 1289-301	87
860	An fMRI study of syntactic adaptation. <b>2004</b> , 16, 702-13	143
859	Striatal contributions to working memory: a functional magnetic resonance imaging study in humans. <b>2004</b> , 19, 755-60	213
858	Electroencephalogram-triggered functional magnetic resonance imaging in focal epilepsy. <b>2004</b> , 58, 319-23	4
857	Hypothalamic activation in trigeminal autonomic cephalgia: functional imaging of an atypical case. <b>2004</b> , 24, 753-7	49
856	Midbrain hypometabolism as early diagnostic sign for progressive supranuclear palsy. <b>2004</b> , 110, 128-35	46
855	Changes in brain metabolism associated with remission in unipolar major depression. <b>2004</b> , 110, 184-94	95
854	Examining the Effect of Cerebral Perfusion Abnormality Magnitude on Cognitive Performance in Recently Abstinent Chronic Cocaine Abusers. <b>2004</b> , 14, 162-169	23
853	Changes in the Heterogeneity of Cerebral Glucose Metabolism with Healthy Aging: Quantitative Assessment by Fractal Analysis. <b>2004</b> , 14, 350-356	8
852	Anatomical Functional Changes in a Patient Presenting a Complex Malformation of Cortical Development. <b>2004</b> , 14, 380-384	2
851	Measurement of Whole-Brain Atrophy in Multiple Sclerosis. <b>2004</b> , 14, 115-19S	50
850	Regional cerebral blood flow correlates with heart period and high-frequency heart period variability during working-memory tasks: Implications for the cortical and subcortical regulation of cardiac autonomic activity. <b>2004</b> , 41, 521-30	253

849	Dissociating brain regions controlling the temporal and ordinal structure of learned movement sequences. <b>2004</b> , 19, 2591-602	86
848	Neural correlates of error detection and error correction: is there a common neuroanatomical substrate?. <b>2004</b> , 19, 3081-7	65
847	Increased prefrontal and parietal activity after training of working memory. <b>2004</b> , 7, 75-9	981
846	Neural systems supporting interoceptive awareness. <b>2004</b> , 7, 189-95	2513
845	Encoding of emotional memories depends on amygdala and hippocampus and their interactions. <b>2004</b> , 7, 278-85	411
844	Men and women differ in amygdala response to visual sexual stimuli. <b>2004</b> , 7, 411-6	509
843	Parietal somatosensory association cortex mediates affective blindsight. <b>2004</b> , 7, 339-40	58
842	Human orbitofrontal cortex mediates extinction learning while accessing conditioned representations of value. <b>2004</b> , 7, 1144-52	294
841	Monkey brain areas underlying remote-controlled operation. <b>2004</b> , 19, 1397-407	6
840	Asymmetric activation to the context-dependent right in the right inferior frontal region. <b>2004</b> , 19, 1425-9	1
839	Decreased histamine H1 receptor binding in the brain of depressed patients. <b>2004</b> , 20, 803-10	61
838	Changes in brain activation during the acquisition of a new bimanual coordination task. <b>2004</b> , 42, 855-67	183
837	The neural areas that control the retrieval and selection of semantics. <b>2004</b> , 42, 1269-80	78
836	Neural correlates of implicit object identification. <b>2004</b> , 42, 1247-59	29
835	Cortical Activations during judgments about the self and an other person. <b>2004</b> , 42, 1168-77	130
834	Structural similarity and category-specificity: a refined account. <b>2004</b> , 42, 1543-53	26
833	Predicting the accuracy of a diagnosis of Alzheimer's disease with 99mTc HMPAO single photon emission computed tomography. <b>2004</b> , 131, 157-68	12
832	Functional magnetic resonance imaging in schizophrenia: cortical response to motor stimulation. <b>2004</b> , 130, 227-43	33

831	Voxel-based morphometry in adolescents with bipolar disorder: first results. <b>2004</b> , 131, 57-69	159
830	Temporal lobe abnormalities in semantic processing by criminal psychopaths as revealed by functional magnetic resonance imaging. <b>2004</b> , 130, 297-312	47
829	Effects of citalopram on worry and brain activation in patients with generalized anxiety disorder. <b>2004</b> , 131, 11-21	114
828	Functional MRI study of a serial reaction time task in Huntington's disease. <b>2004</b> , 131, 23-30	67
827	Hemispheric asymmetries of hypometabolism associated with semantic memory impairment in Alzheimer's disease: a study using positron emission tomography with fluorodeoxyglucose-F18. <b>2004</b> , 132, 159-72	40
826	Temporal lobe abnormalities in semantic processing by criminal psychopaths as revealed by functional magnetic resonance imaging. <b>2004</b> , 130, 27-42	85
825	Coordinate-based versus structural approaches to brain image analysis. <b>2004</b> , 30, 177-97	31
824	Deriving robust biomarkers from multi-site resting-state data: An Autism-based example.	2
823	How to improve parameter estimates in GLM-based fMRI data analysis: cross-validated Bayesian model averaging.	3
822	From static to temporal network theory Applications to functional brain connectivity.	3
821	A Change-point Analysis Method for Single-trial Study of Simultaneous EEG-fMRI of Auditory/Visual Oddball Task.	2
820	A probabilistic approach to discovering dynamic full-brain functional connectivity patterns.	1
819	Reliability of fMRI time series: Similarity of neural processing during movie viewing.	5
818	Suppression and facilitation of human neural responses.	2
817	Representational confusion: the plausible consequence of demeaning your data.	2
816	A critical re-evaluation of fMRI signatures of motor sequence learning.	1
815	Generative modeling of brain maps with spatial autocorrelation.	4
814	Differential brain activity in visuo-perceptual regions during landmark-based navigation in young and healthy older adults.	1

813	JuSpace: A tool for spatial correlation analyses of magnetic resonance imaging data with nuclear imaging derived neurotransmitter maps.	2
812	Gray and white matter morphology in substance use disorders: A neuroimaging systematic review and meta-analysis.	1
811	Cortical re-organization after traumatic brain injury elicited using functional electrical stimulation therapy: A case report.	1
810	Sensing and seeing associated with overlapping occipitoparietal activation in simultaneous EEG-fMRI.	2
809	A Practical Alzheimer Disease Classifier via Brain Imaging-Based Deep Learning on 85,721 Samples.	4
808	Temporal uncertainty enhances suppression of neural responses to predictable visual stimuli.	0
807	Neural correlates of interpersonal space permeability and flexibility in autism spectrum disorder.	0
806	Shifting gradients of macroscale cortical organization mark the transition from childhood to adolescence.	1
805	Percent amplitude of fluctuation: a simple measure for resting-state fMRI signal at single voxel level.	3
804	Laminar signal extraction over extended cortical areas by means of a spatial GLM.	1
803	Lead-DBS v2: Towards a comprehensive pipeline for deep brain stimulation imaging.	2
802	Comparison of stimulus-evoked BOLD responses in human and monkey visual cortex.	0
801	Outcome contingency selectively affects the neural coding of outcomes but not of tasks.	2
800	The context-dependent nature of the neural implementation of intentions.	1
799	Layer-dependent activity in human prefrontal cortex during working memory.	3
798	Endogenous variation in ventromedial prefrontal cortex state dynamics during naturalistic viewing reflects affective experience.	8
797	The neural dynamics of hierarchical Bayesian inference in multisensory perception.	2
796	Modulating the human functional connectome using deep brain stimulation.	1

795	Task-evoked activity quenches neural correlations and variability across cortical areas.	4
794	Mapping the human subcortical auditory system using histology, post mortem MRI and in vivo MRI at 7T.	5
793	Resting state cerebral networks in mouse lemur primates: from multilevel validation to comparison with humans.	2
792	Measuring shared responses across subjects using intersubject correlation.	7
791	Power, positive predictive value, and sample size calculations for random field theory-based fMRI inference.	2
790	Inverted encoding models estimate sensible channel responses for sensible models.	3
789	Enlarging the Scope of Randomization and Permutation Tests in Neuroimaging and Neuroscience.	2
788	fMRI reveals language-specific predictive coding during naturalistic sentence comprehension.	4
787	Individual differences in haemoglobin concentration influence BOLD fMRI functional connectivity and its correlation with cognition.	5
786	Decoupling of Dopamine Release and Neural Activity in Major Depressive Disorder during Reward Processing Assessed by Simultaneous fPET-fMRI.	1
785	Standardized Effect Sizes and Image-Based Meta-Analytical Approaches for fMRI Data.	1
784	A Novel Framework for Grading Autism Severity Using Task-Based FMRI. <b>2020</b> ,	7
783	System neuroscience: Past, present, and future. <b>2018</b> , 24, 685-693	6
782	Prefrontal activity predicts individual differences in optimal attentional strategy for preventing motor performance decline: a functional near-infrared spectroscopy study. <b>2019</b> , 6, 025012	8
781	Statistical Parametric Mapping as a Measure of Differences Between Limbs: Applications to Clinical Populations. <b>2019</b> , 1-11	3
780	Differences in Activity of the Brain Networks During Voluntary Motor Tasks Engaging the Local and Global Muscular Systems of the Lower Trunk. <b>2020</b> , 24, 624-643	2
779	Neural networks for the coordination of the hands in time. <b>2003</b> , 89, 1126-35	114
778	Rostral and orbital prefrontal cortex dysfunction in the manic state of bipolar disorder. <b>1999</b> , 156, 1986-8	212

777	Regional cerebral blood flow during script-driven imagery in childhood sexual abuse-related PTSD: A PET investigation. <b>1999</b> , 156, 575-84	425
776	Prefrontal cortex 5-HT <sub>2</sub> receptors in depression: an [ <sup>18</sup> F]setoperone PET imaging study. <b>1999</b> , 156, 1029-34	116
775	Grey matter correlates of syndromes in schizophrenia. A semi-automated analysis of structural magnetic resonance images. <b>1997</b> , 170, 406-10	100
774	Characterization of Multisensory Integration with fMRI. <b>2011</b> , 233-252	5
773	Kallmann's syndrome: mirror movements associated with bilateral corticospinal tract hypertrophy. <b>1999</b> , 52, 816-22	72
772	Head models of healthy and depressed adults for simulating the electric fields of non-invasive electric brain stimulation. <b>2018</b> , 7, 704	11
771	Mean deviation based identification of activated voxels from time-series fMRI data of schizophrenia patients. <b>2018</b> , 7, 1615	2
770	Mean deviation based identification of activated voxels from time-series fMRI data of schizophrenia patients. <b>2018</b> , 7, 1615	10
769	Pharmacological Functional Magnetic Resonance Imaging of Cloropidol on Motor Task. <b>2012</b> , 16, 136	1
768	Is it possible to measure hemodynamic changes in the prefrontal cortex through the frontal sinus using continuous wave DOT systems?. <b>2019</b> , 10, 817-837	3
767	Diffuse optical tomography to measure functional changes during motor tasks: a motor imagery study. <b>2020</b> , 11, 6049-6067	1
766	Computational imaging during video game playing shows dynamic synchronization of cortical and subcortical networks of emotions. <b>2020</b> , 18, e3000900	3
765	Cortico-Cortical Interactions during Acquisition and Use of a Neuroprosthetic Skill. <b>2016</b> , 12, e1004931	4
764	Policy adjustment in a dynamic economic game. <b>2006</b> , 1, e103	46
763	Comparing natural and constrained movements: new insights into the visuomotor control of grasping. <b>2007</b> , 2, e1108	45
762	BOLD correlates of trial-by-trial reaction time variability in gray and white matter: a multi-study fMRI analysis. <b>2009</b> , 4, e4257	221
761	Reality = relevance? Insights from spontaneous modulations of the brain's default network when telling apart reality from fiction. <b>2009</b> , 4, e4741	25
760	The brightness of colour. <b>2009</b> , 4, e5091	29



759	Episodic memory in detoxified alcoholics: contribution of grey matter microstructure alteration. <b>2009</b> , 4, e6786	46
758	Association of body mass and brain activation during gastric distention: implications for obesity. <b>2009</b> , 4, e6847	43
757	Methylphenidate attenuates limbic brain inhibition after cocaine-cues exposure in cocaine abusers. <b>2010</b> , 5, e11509	43
756	Breakfast staple types affect brain gray matter volume and cognitive function in healthy children. <b>2010</b> , 5, e15213	55
755	Age correction in dementia--matching to a healthy brain. <b>2011</b> , 6, e22193	132
754	Testing for spatial neglect with line bisection and target cancellation: are both tasks really unrelated?. <b>2011</b> , 6, e23017	43
753	Sustained negative BOLD response in human fMRI finger tapping task. <b>2011</b> , 6, e23839	24
752	Impact of load-related neural processes on feature binding in visuospatial working memory. <b>2011</b> , 6, e23960	23
751	Stimulus-dependent adjustment of reward prediction error in the midbrain. <b>2011</b> , 6, e28337	9
750	An iterative jackknife approach for assessing reliability and power of FMRI group analyses. <b>2012</b> , 7, e35578	14
749	Reduction in inter-hemispheric connectivity in disorders of consciousness. <b>2012</b> , 7, e37238	43
748	Paradoxical facilitation of working memory after basolateral amygdala damage. <b>2012</b> , 7, e38116	28
747	Altered velocity processing in schizophrenia during pursuit eye tracking. <b>2012</b> , 7, e38494	16
746	Fact or factitious? A psychobiological study of authentic and simulated dissociative identity states. <b>2012</b> , 7, e39279	50
745	Personality functioning and the cortical midline structures--an exploratory FMRI study. <b>2012</b> , 7, e49956	17
744	A sparse representation-based algorithm for pattern localization in brain imaging data analysis. <b>2012</b> , 7, e50332	23
743	Language lateralization in children aged 10 to 11 years: a combined fMRI and dichotic listening study. <b>2012</b> , 7, e51872	8
742	Complexity of motor sequences and cortical reorganization in Parkinson's disease: a functional MRI study. <b>2013</b> , 8, e66834	20

741	Reward sensitivity is associated with brain activity during erotic stimulus processing. <b>2013</b> , 8, e66940	25
740	Cognitive and clinical dysfunction, altered MEG resting-state networks and thalamic atrophy in multiple sclerosis. <b>2013</b> , 8, e69318	58
739	"An eye for an eye"? Neural correlates of retribution and forgiveness. <b>2013</b> , 8, e73519	23
738	Directed forgetting of negative self-referential information is difficult: an fMRI study. <b>2013</b> , 8, e75190	17
737	Standardization of size, shape and internal structure of spinal cord images: comparison of three transformation methods. <b>2013</b> , 8, e76415	1
736	Is the brain's inertia for motor movements different for acceleration and deceleration?. <b>2013</b> , 8, e78055	3
735	Anger under control: neural correlates of frustration as a function of trait aggression. <b>2013</b> , 8, e78503	35
734	Dissociable influences of skewness and valence on economic choice and neural activity. <b>2013</b> , 8, e83454	7
733	Brain processing of visual stimuli representing sexual penetration versus core and animal-reminder disgust in women with lifelong vaginismus. <b>2014</b> , 9, e84882	23
732	Neural mechanisms of time-based prospective memory: evidence for transient monitoring. <b>2014</b> , 9, e92123	30
731	Topographic factor analysis: a Bayesian model for inferring brain networks from neural data. <b>2014</b> , 9, e94914	26
730	Differences between patterns of brain activity associated with semantics and those linked with phonological processing diminish with age. <b>2014</b> , 9, e99710	10
729	They are laughing at me: cerebral mediation of cognitive biases in social anxiety. <b>2014</b> , 9, e99815	18
728	Brain bases of reading fluency in typical reading and impaired fluency in dyslexia. <b>2014</b> , 9, e100552	28
727	Inside the syntactic box: the neural correlates of the functional and positional level in covert sentence production. <b>2014</b> , 9, e106122	0
726	Modafinil alters intrinsic functional connectivity of the right posterior insula: a pharmacological resting state fMRI study. <b>2014</b> , 9, e107145	19
725	Reactions to media violence: it's in the brain of the beholder. <b>2014</b> , 9, e107260	16
724	Neural mechanisms underlying the computation of hierarchical tree structures in mathematics. <b>2014</b> , 9, e111439	13

7 <sup>23</sup>	Serotonin Transporter Gene Polymorphism Modulates Activity and Connectivity within an Emotional Arousal Network of Healthy Men during an Aversive Visceral Stimulus. <b>2015</b> , 10, e0123183	9
7 <sup>22</sup>	Reducing Individual Variation for fMRI Studies in Children by Minimizing Template Related Errors. <b>2015</b> , 10, e0134195	4
7 <sup>21</sup>	Objects Mediate Goal Integration in Ventrolateral Prefrontal Cortex during Action Observation. <b>2015</b> , 10, e0134316	6
7 <sup>20</sup>	Age-Related Differences in Spatial Frequency Processing during Scene Categorization. <b>2015</b> , 10, e0134554	15
7 <sup>19</sup>	Cerebral Correlates of Abnormal Emotion Conflict Processing in Euthymic Bipolar Patients: A Functional MRI Study. <b>2015</b> , 10, e0134961	42
7 <sup>18</sup>	Mapping Individual Brain Networks Using Statistical Similarity in Regional Morphology from MRI. <b>2015</b> , 10, e0141840	37
7 <sup>17</sup>	Cerebral Correlates of Emotional and Action Appraisals During Visual Processing of Emotional Scenes Depending on Spatial Frequency: A Pilot Study. <b>2016</b> , 11, e0144393	4
7 <sup>16</sup>	Lateralized Resting-State Functional Brain Network Organization Changes in Heart Failure. <b>2016</b> , 11, e0155894	9
7 <sup>15</sup>	Perception of Emotional Facial Expressions in Amyotrophic Lateral Sclerosis (ALS) at Behavioural and Brain Metabolic Level. <b>2016</b> , 11, e0164655	19
7 <sup>14</sup>	Neural correlates of conflict between gestures and words: A domain-specific role for a temporal-parietal complex. <b>2017</b> , 12, e0173525	10
7 <sup>13</sup>	Functional hemispheric asymmetries during the planning and manual control of virtual avatar movements. <b>2017</b> , 12, e0185152	12
7 <sup>12</sup>	Dynamical Cortical Activations Associated with Saccade Execution: A Normalized Integrative fMRI-MEG Study. <b>2012</b> , 1, 27-35	5
7 <sup>11</sup>	In the Range of 20 to 35ms, an Echo-time of 20ms is Preferred for 3-tesla Functional Magnetic Resonance Imaging. <b>2013</b> , 2, 47-54	1
7 <sup>10</sup>	Fluctuating Regional Brainstem Diffusion Imaging Measures of Microstructure across the Migraine Cycle. <b>2019</b> , 6,	12
7 <sup>09</sup>	The Importance of Considering Model Choices When Interpreting Results in Computational Neuroimaging. <b>2019</b> , 6,	5
7 <sup>08</sup>	Following Eye Gaze Activates a Patch in the Posterior Temporal Cortex That Is not Part of the Human "Face Patch" System. <b>2017</b> , 4,	13
7 <sup>07</sup>	Involvement of human amygdala and orbitofrontal cortex in hunger-enhanced memory for food stimuli. <b>2001</b> , 21, 5304-10	163
7 <sup>06</sup>	"Hey John": signals conveying communicative intention toward the self activate brain regions associated with "mentalizing," regardless of modality. <b>2003</b> , 23, 5258-63	269

705	Acute remapping within the motor system induced by low-frequency repetitive transcranial magnetic stimulation. <b>2003</b> , 23, 5308-18	229
704	Efeitos distintos da valência emocional positiva e negativa na ativação cerebral. <b>2001</b> , 23, 42-45	4
703	[Executive functions: fMRI of healthy volunteers during Stroop test and the serial count test]. <b>2018</b> , 118, 64-71	3
702	CSF tau protein and FDG PET in patients with aging-associated cognitive decline and Alzheimer's disease. <b>2006</b> , 2, 207-12	3
701	Extending Inferential Group Analysis in Type 2 Diabetic Patients with Multivariate GLM Implemented in SPM8. <b>2017</b> , 11, 32-45	1
700	Regional Cerebral Blood Flow (rCBF) after Low-frequency Repetitive Transcranial Magnetic Stimulation (rTMS) Combined with Intensive Occupational Therapy for Upper Limb Hemiplegia after Stroke : A Study using Single Photon Emission Computed Tomography. <b>2013</b> , 50, 36-42	6
699	Selective Detrending using Baseline Drift Detection Index for Task-dependant fNIRS Signal. <b>2017</b> , 2, 1147-1151	1
698	Nuclear Imaging in the Diagnosis of Clinically Uncertain Parkinsonian Syndromes. <b>2019</b> , 116, 747-754	15
697	Voxel-based analyses of magnetization transfer imaging of the brain in hepatic encephalopathy. <b>2009</b> , 15, 5157-64	15
696	Réorganisation du conduit vocal et réorganisation corticale de la parole : de la perturbation aux lésures à la glossectomie. Études acoustiques et IRMF. <b>2008</b> , 5-25	1
695	Analysis of fMRI Single Subject Data in the Fourier Domain Acquired Using a Multiple Input Stimulus Experimental Design. <b>2012</b> , 03, 469-480	1
694	Perceived happiness level influences evocation of positive emotions. <b>2011</b> , 03, 723-727	4
693	Epilepsy Focus Localization in Patients Utilizing BOLD Differences Related to Regional Metabolic Dynamics. <b>2019</b> , 09, 163-175	1
692	Neural correlates of focused attention in cognitively normal older adults. <b>2011</b> , 01, 19-27	5
691	Frontal Dysfunction Underlies Depression in Mild Cognitive Impairment: A FDG-PET Study. <b>2010</b> , 7, 208-14	19
690	Attentional Connectivity-based Prediction of Autism Using Heterogeneous rs-fMRI Data from CC200 Atlas. <b>2020</b> , 29, 27-37	10
689	[Evaluation of cerebral blood flow SPECT by statistical image analysis]. <b>2008</b> , 64, 752-65	3
688	[Statistical image analysis method to use for cerebral blood flow SPECT examination: difference and matters that require attention of processing of eZIS and iSSP]. <b>2011</b> , 67, 718-27	3

687	Response to short-term deprivation of the human adult visual cortex measured with 7T BOLD. <b>2018</b> , 7,	33
686	Leave-One-Trial-Out, LOTO, a general approach to link single-trial parameters of cognitive models to neural data. <b>2019</b> , 8,	7
685	Processing of different spatial scales in the human brain. <b>2019</b> , 8,	18
684	Mapping the human subcortical auditory system using histology, postmortem MRI and in vivo MRI at 7T. <b>2019</b> , 8,	29
683	A critical re-evaluation of fMRI signatures of motor sequence learning. <b>2020</b> , 9,	24
682	Multimodal Imaging Brain Connectivity Analysis (MIBCA) toolbox. <b>2015</b> , 3, e1078	9
681	Region-of-interest analyses of one-dimensional biomechanical trajectories: bridging 0D and 1D theory, augmenting statistical power. <b>2016</b> , 4, e2652	59
680	Pattern classification of brain activation during emotional processing in subclinical depression: psychosis proneness as potential confounding factor. <b>2013</b> , 1, e42	19
679	Clustered Compressed Sensing in fMRI Data Analysis Using a Bayesian Framework. <b>2014</b> , 4,	3
678	Cerebral Ischemia and Single Photon Emission Computed Tomography(Recent Advances in SPECT and PET in the Diagnosis of Cerebral Ischemia). <b>2007</b> , 16, 753-761	5
677	Interleukin 6 predicts increased neural response during face processing in a sample of individuals with schizophrenia and healthy participants: A functional magnetic resonance imaging study. <b>2021</b> , 32, 102851	0
676	Analysis methods for real-time fMRI neurofeedback. <b>2021</b> , 23-55	
675	Cerebral and behavioral signs of impaired cognitive flexibility and stability in schizophrenia spectrum disorders. <b>2021</b> , 32, 102855	0
674	Joint Analysis of EEG and Other Simultaneously Recorded Brain Functional Neuroimaging Modalities. <b>2021</b> , 631-679	
673	ResectVol: A tool to automatically segment and characterize lacunas in brain images. <b>2021</b> , 6, 720-726	2
672	Impact of App-Delivered Mindfulness Meditation on Functional Connectivity, Mental Health, and Sleep Disturbances Among Physician Assistant Students: Randomized, Wait-list Controlled Pilot Study. <b>2021</b> , 5, e24208	1
671	Investigating the neuroanatomy underlying proprioception using a stroke model. <b>2021</b> , 430, 120029	1
670	State-Dependent Effective Connectivity in Resting-State fMRI. <b>2021</b> , 15, 719364	0

- 669 Identification of Negative BOLD Responses in Epilepsy Using Windkessel Models. **2021**, 12, 659081 2
- 668 Decoupling of functional and structural language networks in temporal lobe epilepsy. **2021**, 62, 2941-2954 2
- 667 Aberrant dynamic functional connectivity features within default mode network in patients with autism spectrum disorder: evidence from dynamical conditional correlation.. **2022**, 16, 391-399 0
- 666 I Feel It in My Brain: Understanding the Processes Underlying the Influence of Ad Affect on Memory Using fMRI. 1-17 0
- 665 Linking Profiles of Pathway Activation with Clinical Motor Improvements ▯ Retrospective Computational Study.
- 664 How Compliance of Surfaces Affects Ankle Moment and Stiffness Regulation During Walking. **2021**, 9, 726051
- 663 Association Between Lack of Insight and Prefrontal Serotonin Transporter Availability in Antipsychotic-Free Patients with Schizophrenia: A High-Resolution PET Study with [C]DASB. **2021**, 17, 3195-3203 0
- 662 Delineating neural responses and functional connectivity changes during vestibular and nociceptive stimulation reveal the uniqueness of cortical vestibular processing. **2021**, 1 0
- 661 The role of oxytocin in modulating self-other distinction brain: a pharmacological fMRI study. 0
- 660 Three-dimensional kinematic analysis of upper limb movements between individuals with and without subacromial shoulder pain exploring the statistical parametric mapping. **2021**, 129, 110806 0
- 659 Abhängigkeit von Interstimulusintervallen und Aufnahmegeschwindigkeit bei der Bildakquisition schneller er-eigniskorrelierter Funktioneller MRI. **2000**, 408-412
- 658 Neurochemical Imaging with Emission Tomography: Clinical Applications. **2000**, 7-35 1
- 657 Functional Imaging of the Brain. **2000**, 103, 86-90
- 656 Levels of ??-Aminobutyric Acid-Benzodiazepine Receptors in Abstinent, Alcohol-Dependent Women: Preliminary Findings From an 123I-Iomazenil Single Photon Emission Tomography Study. **2000**, 24, 1449-1455
- 655 Noise Characteristic of 3D PET Scans from Single Subject Activation Studies. **2001**, 281-287 1
- 654 New Processing Using Anatomical Standardization in Nuclear Neuroimaging. **2001**, 57, 913-919 0
- 653 PET Studies of the Effects of ECT on Cerebral Physiology. **2001**, 1210-1212
- 652 [11C]ECFT Binding in Parkinson's Disease with and without Dementia Measured by Positron Emission Tomography. **2001**, 377-380

651 Group Analysis of Individual Activation Maps Using 3D Scale-Space Primal Sketches and a Markovian Random Field. **2001**, 201-212

650 Interpretation of Event-Related fMRI Using Cluster Analysis. **2001**, 446-448

649 Towards a Spatio-Temporal Analysis Tool for fMRI Data: An Application to Depth-from-Motion Processing in Humans. **2001**, 33-42

648 Brain Activation during Somatosensory and Auditory Stimulation in Acute Vegetative State of Anoxic Origin. **2001**, 319-327

647 Nouvelle cartographie fonctionnelle c brale : tudes sur la plasticit  du cerveau humain. **2001**, 185, 707-726

1

646 Brain Regions Involved in Learning Face-Name Associations and the Effects of Age, Performance, and Learning Phase. **2002**, 243-251

645 Gender difference in passive listening to stories: high-field fMRI study using multiple subject analysis based on individual activation maps. **2002**, 1, 165-8

644 Geometric Approaches for Segmentation and Signal Detection in Functional MRI Analysis. **2002**, 317-339

643 Functional MR Image Analysis. **2002**, 401-427

642 Statistical Atlas-Based Detection of Abnormalities in Brain Perfusion: Comparing Models and Estimating Detection Performance. **2003**, 838-845

641 Analysis of critical flicker frequency threshold in hepatic encephalopathy: dynamics and cortical activations. **2003**, 93-103

640 Digital Image Processing of Functional Magnetic Resonance Images to Identify Stereo-Sensitive Cortical Regions Using Dynamic Global Stimuli. **2004**, 572-581

639 Co-analysis of Maps of Atrophy Rate and Atrophy State in Neurodegeneration. **2004**, 680-687

638 The Late Whiplash Syndrome: Current Aspects of Functional Neuroimaging. **2004**, 273-288

1

637 Instrumentation in Nuclear Medicine. **2004**, 13-32

636 Functional Brain Image Analysis Using Joint Function-Structure Priors. **2004**, 736-744

2

635 Improved Motion Correction of fMRI Time-Series Corrupted with Major Head Movement Using Extended Motion-Corrected Independent Component Analysis. **2005**, 346-355

634 A Likelihood Ratio Test for Functional MRI Data Analysis to Account for Colored Noise. **2005**, 538-546

1

- 633 What Functional Brain Imaging Will Mean for Neurology. **2005**, 471-xxiv
- 632 Möglichkeiten und Bedeutung funktioneller Bildgebung. **2005**, 87-95
- 631 Overview of PET in Epilepsy and Epilepsy Surgery. **2005**, 353-382
- 630 Flumazenil PET. **2005**, 768-778
- 629 The Psychobiology of Dissociative Identity Disorder. **2006**, 207-226
- 628 Mechanism of pain relief with electrical motor cortex stimulation for deafferentation pain . **2006**, 21, 111-115
- 627 Brain Mapping for Neurosurgery and Cognitive Neuroscience. **2006**, 139-182
- 626 Cortical activities evoked by the signals ascending through unmyelinated C fibers in humans: a fMRI study . **2006**, 21, 95-102
- 625 Voxel-Based Morphometry Reveals Gray Matter Abnormalities in Migraine. **2007**, 070222151332010-???
- 624 JUDGMENTS OF AUDITORY-VISUAL AFFECTIVE CONGRUENCE IN ADOLESCENTS WITH AND WITHOUT AUTISM: A PILOT STUDY OF A NEW TASK USING fMRI. **2008**, 107, 557 6
- 623 Network-Related Challenges and Insights from Neuroscience. **2008**, 67-78 2
- 622 Biomedical Multimodality Imaging for Clinical and Research Applications: Principles, Techniques and Validation. **2008**, 249-281
- 621 Generalized Linear Models to interpret time domain NIRS: effect of a prolonged stimulation on cerebral hemodynamics. **2008**,
- 620 Discovering structure in the space of activation profiles in fMRI. **2008**, 11, 1016-24 3
- 619 Bayesian analysis of fMRI data with ICA based spatial prior. **2008**, 11, 246-54 1
- 618 ¿Síndrome de Munchausen por poderes o error de la justicia? Aplicación preliminar de la neuroimagen funcional para diferenciar entre culpabilidad e inocencia. **2008**, 15, 347-353
- 617 Imaging Brain Attention Systems: Control and Selection in Vision. **2009**, 353-377
- 616 Improved Two-Level Model Averaging Techniques in Drosophila Brain Modeling. **2009**, 921-931 2



- 615 Analyzing Control-Display Movement Compatibility: A Neuroimaging Study. **2009**, 187-196
- 614 Modeling adaptation effects in fMRI analysis. **2009**, 12, 1009-17 2
- 613 Selection of Optimal Pulse Sequences for fMRI. **2009**, 69-108
- 612 Experimental Design and Data Analysis Strategies. **2009**, 221-257
- 611 Detecting brain activation in fMRI using group random walker. **2010**, 13, 331-8 1
- 610 Modeling for Evaluation of Significant Features in siRNA Design. **2010**, 559-567
- 609 Optimally-discriminative voxel-based analysis. **2010**, 13, 257-65 1
- 608 Unsupervised learning of brain states from fMRI data. **2010**, 13, 201-8 2
- 607 The Clinical Applicability of fMRI and DTI in Patients with Brain Tumors. **2011**, 49-71
- 606 Dñe science ^ lbutre. **2011**, 273-286
- 605 Accounting for Random Regressors: A Unified Approach to Multi-modality Imaging. **2011**, 7012, 1-9 1
- 604 Brain Mapping for Neurosurgery and Cognitive Neuroscience. **2011**, 513-543
- 603 Volumetry and other quantitative measurements to assess the rodent brain. **2011**, 771, 277-91
- 602 3-2. Computer-Aided-Diagnosis of Dementia Using SPECT Images. **2011**, 65, 444-447
- 601 Dynamic Spatial Discrimination Maps of Discriminative Activation between Different Tasks Based on Support Vector Machines. **2011**, 02, 85-92
- 600 Automatic HyperParameter Estimation in fMRI. **2011**, 117-125
- 599 A Comparison Study on Human Brain Volume of White Matter, Gray Matter and Hippocampus Depending on Magnetic Resonance Imaging Conditions and Applied Brain Template. **2011**, 15, 242 3
- 598 An MCMC-Based Analysis of a Multilevel Model for Functional MRI Data. **2011**, 1

- 597 Investigation of Childhood Absence Seizures Based on EEG Correlated fMRI Technology. **2011**, 27, 167-174
- 596 Characterization of Multisensory Integration with fMRI. **2011**, 233-252 4
- 595 Resection of Brain Lesions: Use of Preoperative Functional Magnetic Resonance Imaging and Diffusion Tensor Tractography. **2012**, 227-240
- 594 Forced and Multiple Choice. **2011**, 357-380
- 593 References. **2012**, 519-532
- 592 Deconfounding the Effects of Resting State Activity on Task Activation Detection in fMRI. **2012**, 51-60
- 591 Neural correlates of focused attention in patients with mild Alzheimer's disease. **2012**, 02, 223-230
- 590 Reproducibility Analysis of Brain Volumetry Measured from Inter MR Scanner of Multi-Institute. **2012**, 16, 243 2
- 589 Functional and Structural MRI: Theoretical Background and Practical Aspects. **2012**, 269-317
- 588 Functional Magnetic Resonance Imaging. **2013**, 473-497 1
- 587 Review of Data Mining Methods with Applications for Rehabilitation Engineering, Human Factors, and Diagnostics. **2012**, 447-460
- 586 Fiber connectivity integrated brain activation detection. **2013**, 23, 135-46
- 585 Modeling Cognitive Processes via Multi-stage Consistent Functional Response Detection. **2013**, 180-188 0
- 584 Functional MRI Analysis with Sparse Models. **2013**, 632-636
- 583 Group-wise FMRI activation detection on corresponding cortical landmarks. **2013**, 16, 665-73
- 582 Datenanalyse: Vorverarbeitung, Statistik und Auswertung. **2013**, 151-171
- 581 Analysis of Brain Activity for Motor Task Using Simultaneous EEG - fMRI. **2013**, 1101-1107
- 580 Neural Evidence for Speech Perception Mirroring Speech Production. **2013**, 38, 327-343

579 Joint Analysis of EEG and fMRI. 397-431

578 Statistical Analysis and Modeling of Functional MRI Data. **2014**, 3-34

577 Sparse ICA Based on Infinite Norm for fMRI Analysis. **2014**, 379-388

576 Statistical Methods for fMRI Activation and Effective Connectivity Studies. **2014**, 647-672

575 Encyclopedia of Computational Neuroscience. **2014**, 1-3

o

574 Analysis of Various Automated Structural Computing Methods Inpatient with Early Traumatic Brain Injury. **2014**, 2,

573 Asynchronous Judgment-specific Brain Activity during Audio-visual Temporal Order Judgment Task: A Functional MRI Study. **2014**, 13, 1-6

572 The Analysis of Brain PET Radioligand Displacement Studies. **1996**, 266-270

571 Individual Detection of Activations Using Amplitude and Size Information. **1996**, 342-348

570 Dynamic Imaging of a PET Activation Experiment. **1996**, 415-420

569 Analyzing a European PET Activation Study. **1996**, 372-377

568 Jackknifing a normal database for regional cerebral blood flow SPECT obtained using principal components. **1997**, 299-312

567 Neural Plasticity in Patients with Tinnitus and Sensorineural Hearing Loss. **1997**, 529-534

566 Activation of the Visual Ventral Stream in Humans: An Fmri Study. **1998**, 357-369

565 Multifiltering Signal Detection and Statistical Power in Brain Activation Studies. **1998**, 237-240



564 Attentional Modulation in Visual Pathways. **1998**, 225-241

563 Ultrafast Magnetic Resonance Imaging of the Brain and Spine. **1998**, 53-101

562 Konflikt der Sinne: Wenn visuelle und propriozeptive Rückmeldung nicht übereinstimmen. **1998**, 185-192

- 561 FUNCTIONAL MR IMAGING IN PATIENTS WITH EPILEPSY. **1998**, 6, 95-112 3
- 560 A Study on Evaluation of Frontal Lobe Epilepsy Using Statistical Parametric Mapping of Brain Perfusion SPECT. **1999**, 17, 180-189 1
- 559 Neuroleptic Treatment of Schizophrenic Patients: How Do Haloperidol and Clozapine Normalize Brain Blood Flow Patterns Associated with a Difficult Tone Recognition Task?. **1999**, 355-365 3
- 558 Positron Emission Tomography of the Human Brain. **1999**, 1083-1097
- 557 Activaci3n frontal disminuida en esquizofr3nicos durante la estimulaci3n con la prueba de ejecuci3n continua: un estudio de im3genes de resonancia magn3tica funcionales. **1999**, 6, 509-518
- 556 Functional Magnetic Resonance Imaging in HIV-Associated Dementia. 273-280
- 555 Brain Mapping for Neurosurgery and Cognitive Neuroscience. **2015**, 301-342
- 554 Information Decoding from fMRI Images. **2015**, 661-697
- 553 Nuclear Medicine Imaging in Concussive Head Injuries in Sports. **2015**, 1085-1105 1
- 552 Analysis of Functional MRI Data. **2015**, 311-364
- 551 Statistical Atlases. **2015**, 125-145
- 550 rTMS for Upper Limb Hemiparesis after Stroke. **2015**, 9-71
- 549 Node-Based Gaussian Graphical Model for Identifying Discriminative Brain Regions from Connectivity Graphs. **2015**, 44-51 1
- 548 Risk Related Brain Regions Detected with 3D Image FPCA.
- 547 Feature Selection Based on Synchronization Analysis for Multiple fMRI Data. **2016**, 679-687
- 546 A Multi-stage Sparse Coding Framework to Explore the Effects of Prenatal Alcohol Exposure. **2016**, 28-36
- 545 Functional Magnetic Resonance Imaging (fMRI). **2016**, 375-397
- 544 The foraging brain: evidence of Lévy dynamics in brain networks.

- 543 Functional brain segmentation using inter-subject correlation in fMRI.
- 542 fMRI Dependent Components Analysis Reveals Dynamic Relations Between Functional Large Scale Cortical Networks.
- 541 An Efficient Estimate of HRF. **2016**, 137-213
- 540 A Hypothesis Testing Approach for Brain Activation. **2016**, 101-136
- 539 Neural Correlates of Visual Confrontation Naming in Persian-Speaking Individuals: An fMRI Study. **2016**, Inpress,
- 538 Polynomial Spline Independent Component Analysis with Application to fMRI Data. **2016**, 227-261
- 537 A Hierarchical Model for Autism Spectrum Disorder (HMASD). **2016**, 4,
- 536 Variational Bayesian parameter estimation techniques for the general linear model.
- 535 Multidimensional stimulus-response correlation reveals supramodal neural responses to naturalistic stimuli.
- 534 Improving the temporal accuracy of functional Magnetic Resonance Imaging.
- 533 Modeling Cognitive Processes with Neural Reinforcement Learning. 1
- 532 Coordinate Based Random Effect Size meta-analysis of neuroimaging studies.
- 531 Chapter 6 Neuroimaging biomarkers for autism spectrum disorder. **2016**, 95-120
- 530 Understanding Medical Images Based on Computational Anatomy Models. **2017**, 151-284 1
- 529 Modeling Task fMRI Data via Deep Convolutional Autoencoder. **2017**, 411-424 5
- 528 Neuroimaging Study of Alzheimer's Disease in Volunteer-Based Cohort. **2017**, 243-255
- 527 Combinatorial Structural Clustering (CSC): A Novel Structural Clustering Approach for Large Scale Networks. **2017**, 427-436 1
- 526 The Improved Temporal Clustering Analysis Method Applying to the Whole Brain Data in Acupuncture fMRI Study. **2017**, 06, 114-120

- 525 New Approach for Analysing the Discrepancy of Pretherapeutic Tc-99m and Intra-therapeutic I-131 uptake in Scintigraphies of Thyroid Autonomies using a Parametric 3D Analysis Programs. **2017**, 1, 001-011
- 524 Digital Image Acquisition. **2017**, 23-94
- 523 Neural decoding of visual stimuli varies with fluctuations in global network efficiency.
- 522 The influence of study characteristics on coordinate-based fMRI meta-analyses.
- 521 Inter-subject phase synchronization and the dynamics of human cognition.
- 520 fMRI evidence of neural plasticity of speech skill learning. **2017**, 42, 417-434
- 519 MACS  a new SPM toolbox for model assessment, comparison and selection. 1
- 518 Predicting aging of brain metabolic topography using variational autoencoder.
- 517 Cerebral blood flow predicts differential neurotransmitter activity.
- 516 A simulation and comparison of dynamic functional connectivity methods. 0
- 515 Gating by induced  asynchrony in selective attention.
- 514 Value Encoding in the Globus Pallidus: fMRI reveals an interaction effect between reward and dopamine drive.
- 513 [Regression of post-stroke aphasia and associated non-speech syndromes caused by a course of restorative treatment including intensive speech therapy]. **2018**, 118, 20-29
- 512 Hierarchical Spatio-Temporal Modeling of Resting State fMRI Data. **2018**, 111-130 1
- 511 Statistical Parametric Mapping for Geoscience Applications. **2018**, 277-297 3
- 510 Exceptional Attributed Subgraph Mining to Understand the Olfactory Percept. **2018**, 276-291 1
- 509 A cortical hierarchy of localized and distributed processes revealed via dissociation of task activations, connectivity changes, and intrinsic timescales.
- 508 Sex- and Context-dependent Effects of Oxytocin on Social Reward Processing.

- 507 Cortical activation associated with motor preparation can be used to predict the freely chosen effector of an upcoming movement and reflects response time: An fMRI decoding study.
- 506 Reproducible functional connectivity alterations are associated with autism spectrum disorder. 0
- 505 Increased cognitive complexity reveals abnormal brain network activity in individuals with corpus callosum dysgenesis.
- 504 GLMdenoise improves multivariate pattern analysis of fMRI data.
- 503 Short-term plasticity of the human adult visual cortex measured with 7T BOLD. 1
- 502 An Implementation of Empirical Bayesian Inference and Non-Null Bootstrapping for Threshold Selection and Power Estimation in Multiple and Single Statistical Testing. 1
- 501 Representational structure or task structure? Bias in neural representational similarity analysis and a Bayesian method for reducing bias. 1
- 500 Improving Whole-Brain Neural Decoding of fMRI with Domain Adaptation.
- 499 Methods for computing the maximum performance of computational models of fMRI responses. 0
- 498 Unbiased Age-Appropriate Structural Brain Atlases for Chinese Pediatrics.
- 497 Connecting natural and artificial neural networks in functional brain imaging using structured sparsity. 1
- 496 Leave-One-Trial-Out (LOTO): A general approach to link single-trial parameters of cognitive models to neural data.
- 495 Individual differences in dopamine are associated with reward discounting in clinical groups but not in healthy adults.
- 494 Vascular effects on the BOLD response and the retinotopic mapping of hV4.
- 493 Atlas-based classification algorithms for identification of informative brain regions in fMRI data.
- 492 Older adults sacrifice response speed to preserve multisensory integration performance.
- 491 Genotype and dose-frequency determine acute and chronic effects of oxytocin on amygdala fear responses in humans: therapeutic implications.
- 490 To integrate or not to integrate: Temporal dynamics of hierarchical Bayesian Causal Inference. 0

- 489 Layer-Specific Contributions to Imagined and Executed Hand Movements in Human Primary Motor Cortex. 0
- 488 Exploring Brain Hemodynamic Response Patterns via Deep Recurrent Autoencoder. **2019**, 66-74
- 487 From acoustic to linguistic analysis of temporal speech structure: acousto-linguistic transformation during speech perception using speech quilts.
- 486 Multivariate pattern classification on BOLD activation pattern induced by deep brain stimulation in motor, associative, and limbic brain networks.
- 485 Large-scale functional integration, rather than functional dissociation along dorsal and ventral streams, underlies visual perception and action.
- 484 Inverse Transformed Encoding Models  $\bar{\lambda}$  solution to the problem of correlated trial-by-trial parameter estimates in fMRI decoding.
- 483 Introduction to Human Neuroimaging. **2019**, 325-342
- 482 Introduction to Human Neuroimaging. **2019**, 343-350
- 481 Introduction to Human Neuroimaging. **2019**, 142-162
- 480 Introduction to Human Neuroimaging. **2019**, 209-230
- 479 Spatial Confidence Sets for Raw Effect Size Images.
- 478 Introduction to Human Neuroimaging. **2019**, 127-141 1
- 477 Introduction to Human Neuroimaging. **2019**, 79-101
- 476 Introduction to Human Neuroimaging. **2019**, 275-276
- 475 Weaker neural suppression in autism. 1
- 474 Introduction to Human Neuroimaging. **2019**, 292-308
- 473 Introduction to Human Neuroimaging. **2019**, 163-190
- 472 Introduction to Human Neuroimaging. **2019**, 309-324



471 Introduction to Human Neuroimaging. **2019**, 252-274

470 Introduction to Human Neuroimaging. **2019**, xv-xviii

469 Introduction to Human Neuroimaging. **2019**, 48-76

468 Introduction to Human Neuroimaging. **2019**, 1-28

467 Introduction to Human Neuroimaging. **2019**, 31-47

466 Introduction to Human Neuroimaging. **2019**, 77-78

465 Introduction to Human Neuroimaging. **2019**, 277-291

464 Introduction to Human Neuroimaging. **2019**, 102-126

463 Introduction to Human Neuroimaging. **2019**, 191-192

462 Introduction to Human Neuroimaging. **2019**, 193-208

461 Introduction to Human Neuroimaging. **2019**, 231-251

460 Introduction to Human Neuroimaging. **2019**, 29-30

459 Serial position effects reflect the integrity of distinct brain regions in Major and Minor Neurocognitive Disorder.

458 Putative protective neural mechanisms in pre-readers with a family history of dyslexia who subsequently develop typical reading skills.

457 Spatiotemporal Feature Selection Improves Prediction Accuracy of Multi-Voxel Pattern Classification.

1

456 Spatial Patterns for Discriminative Estimation.

455 The Role of Brain Stem Structures in the Vegetative Reactions Based on fMRI Analysis. **2020**, 144-150

454 Pain Stickiness in Complex Regional Pain Syndrome: A role for the Nucleus Accumbens.

- 453 Studying the precuneus reveals structure-function-affect correlation in long-term meditators. 1
- 452 Similar network compositions, but distinct neural dynamics underlying belief updating in environments with and without explicit outcomes.
- 451 Quantifying uncertainty in brain-predicted age using scalar-on-image quantile regression.
- 450 Inter-subject phase synchronization differentiates neural networks underlying physical pain empathy. 1
- 449 Neuroscientific Approaches Toward Understanding Rituals. **2020**, 31-45
- 448 Data Analysis Method for Neuroimaging Data: Task-Related Component Analysis and Its Applications to fNIRS Data. **2020**, 149-173
- 447 Behavioural cue reactivity to alcohol and non-alcohol-related stimuli among individuals with severe alcohol use disorder: an fMRI study with a visual task.
- 446 Bayesian Methods in Brain Networks. 1-10
- 445 Evolution of brain-wide activity in the awake behaving mouse after acute fear by longitudinal manganese-enhanced MRI. 1
- 444 Spatiotemporal Dynamics of Sound Representations reveal a Hierarchical Progression of Category Selectivity. 0
- 443 Modular and state-relevant connectivity in high-frequency resting-state BOLD fMRI data: An independent component analysis.
- 442 Combining repetition suppression and pattern analysis provides new insights into the role of M1 and parietal areas in skilled sequential actions. 0
- 441 A randomized trial shows dose-frequency and genotype may determine the therapeutic efficacy of intranasal oxytocin. 0
- 440 Moving toward versus away from another: how body motion direction changes the representation of bodies and actions in the visual cortex. 0
- 439 Perinatal Risk and Protective Factors in the Development of Diffuse White Matter Abnormality on Term-Equivalent Age MRI in Infants Born Very Preterm.
- 438 Kinematic Alterations in the Shoulder Complex in Rockwood V Acromioclavicular Injuries During Humerothoracic and Scapulothoracic Movements: A Whole-Cadaver Study. **2021**, 49, 3988-4000 1
- 437 One-Dimensional Statistical Parametric Mapping Identifies Impaired Orthostatic Cerebrovascular and Cardiovascular Response in Frailty Index. **2021**, 76, 885-892 1
- 436 Spatial Pyramid Based 3D Hog Feature Extraction for Alzheimer's Disease Identification. **2020**,

- 435 Sleep leads to system-wide neural changes independent of allo- and egocentric spatial training in humans and rats. 1
- 434 Finding Distributed Needles in Neural Haystacks. **2021**, 41, 1019-1032 3
- 433 Secondary rewards acquire enhanced incentive motivation via increasing anticipatory activity of the lateral orbitofrontal cortex.
- 432 Activity flow underlying abnormalities in brain activations and cognition in schizophrenia.
- 431<sup>1</sup> Inferior parietal lobule is sensitive to different semantic similarity relations for concrete and abstract words. **2021**, 58, e13750 1
- 430<sup>0</sup> Use of functional near-infrared spectroscopy to evaluate cognitive change when using healthcare simulation tools.. **2020**, 6, 360-364 1
- 429 Model-based and model-free analyses of the neural correlates of tongue movements.
- 428 Does the diffuse optical tomography have more spatial sensitivity than fMRI to measure functional changes at cerebral gyri level?. **2020**,
- 427 fMRI Data Analysis Using SPM. **2020**, 89-116 1
- 426 Machine learning model to characterize seizure development in traumatic brain injury patients.. **2020**, 53, 2231-2236
- 425 Functional Magnetic Resonance Imaging. **2020**, 331-348
- 424 Oxytocin increases the pleasantness of affective touch and orbitofrontal cortex activity independent of valence.
- 423 Nested oscillations and brain connectivity during sequential stages of feature-based attention.
- 422 Lead-DBS: an additional tool for stereotactic surgery. **2021**, 67, 816-821
- 421<sup>1</sup> ESTIMATING CAUSAL EFFECTS IN STUDIES OF HUMAN BRAIN FUNCTION: NEW MODELS, METHODS AND ESTIMANDS. **2020**, 14, 452-472
- 420<sup>0</sup> Discriminating the Influence of Correlated Factors from Multivariate Observations: the Back-to-Back Regression. 1
- 419 Specific age-correlated activation of top hierarchical motor control areas during gait-like plantar stimulation: An fMRI study. *Human Brain Mapping*, **2021**, 43, 833 5.9 1
- 418 Temporal SNR optimization through RF coil combination in fMRI: The more, the better?. **2021**, 16, e0259592

- 417 Cerebral amyloid load determination in a clinical setting: interpretation of amyloid biomarker discordances aided by tau and neurodegeneration measurements. **2021**, 1
- 416 Romosozumab enhances vertebral bone structure in women with low bone density. **2021**, 3
- 415 Oxytocinergic modulation of stress-associated amygdala-hippocampus pathways in humans is specially mediated by serotonergic mechanisms.
- 414 DeepTOfSino: A deep learning model for synthesizing full-dose time-of-flight bin sinograms from their corresponding low-dose sinograms. **2021**, 245, 118697 1
- 413 Dynamic transitions between neural states are associated with flexible task-switching during a memory task.
- 412 Assessing methods for geometric distortion compensation in 7T gradient echo fMRI data. 0
- 411 High-accuracy Automated Diagnosis of Parkinson's Disease. **2020**, 16, 688-694 4
- 410 Bayesian model selection favors parametric over categorical fMRI subsequent memory models in young and older adults.
- 409 Langzeitfolgen des HWS-Schleudertraumas. **2009**, 184-195 1
- 408 Positron Emission Tomography and Single-Photon Emission Tomography in the Diagnosis of Parkinson's Disease. **2005**, 13-24
- 407 Optimization of visual tasks for detecting visual cortex activity in fMRI studies. **2007**, 1388-1391
- 406 Use of the Rician Distribution with the EM Algorithm for Hypothesis Testing of fMRI Data. **2007**, 2472-2475
- 405 Datenanalyse: Vorverarbeitung, Statistik und Auswertung. **2007**, 133-148 0
- 404 Magnetresonanzverfahren. **2008**, 399-413
- 403 Perception of Two-Stroke Apparent Motion and Real Motion. **2007**, 1130-1139
- 402 Time-Frequency Method Based Activation Detection in Functional MRI Time-Series. **2007**, 368-377
- 401 Population based analysis of directional information in serial deformation tensor morphometry. **2007**, 10, 311-8 7
- 400 Model-Based Segmentation of Cortical Regions of Interest for Multi-subject Analysis of fMRI Data. **2008**, 442-447 0

399	Regional Brain Activity and Performance During Car-Driving Under Side Effects of Psychoactive Drugs. <b>2009</b> , 2201-2203	0
398	Positron emission tomography and single-photon emission computed tomography in central nervous system drug development. <b>2005</b> , 2, 226-236	
397	Using anisotropic diffusion of probability maps for activity detection in block-design functional MRI.	0
396	Adaptive smoothing strategies to eliminate the scalp/ventricle artifact in statistical parametric mapping.	
395	Temporo-Parietal Cortex Involved in Modeling One's Own and Others' Attention.	1
394	BOLD response to multiple grip forces in MS: going beyond the main effect of movement in BA 4a and BA 4p.	
393	Homeostatic brain network mechanisms facilitate perceptual binding of audio-visual speech.	
392	Clinical and Preclinical Bariatric Surgery Approaches to Studying Obesity. <b>2021</b> , 187-201	
391	Frontal cortical regions associated with attention connect more strongly to central than peripheral V1.	
390	Sense of self impacts spatial navigation and hexadirectional coding in human entorhinal cortex.	3
389	Studying the precuneus reveals structure-function-affect correlation in long-term meditators. <b>2020</b> , 15, 1203-1216	1
388	Multi-scale semi-supervised clustering of brain images: Deriving disease subtypes. <b>2021</b> , 75, 102304	1
387	Altered Hippocampal Resting-state Functional Connectivity in Highly Superior Autobiographical Memory. <b>2021</b> , 480, 1-8	0
386	TE-HI-GCN: An Ensemble of Transfer Hierarchical Graph Convolutional Networks for Disorder Diagnosis. <b>2021</b> , 1	5
385	Adaptive coding of stimulus information in human fronto-parietal cortex during visual classification.	
384	Amygdala in Action: Functional Connectivity during Approach and Avoidance Behaviors. <b>2021</b> , 1-19	1
383	Multi-parametric characterization of brain-wide hemodynamic and calcium responses to sensory stimulation in mice.	
382	Identifying Causal Subsequent Memory Effects.	0

- 381 Similarity in evoked responses does not imply similarity in macroscopic network states across tasks. 0
- 380 Decreased Resting-State Functional Complexity in Elderly with Subjective Cognitive Decline.. **2021**, 23, 0
- 379 Amygdala network reorganization mediates the theory of mind performances in multiple sclerosis. **2021**, 1
- 378 The Functional Network of the Visual Cortex Is Altered in Migraine. **2021**, 5, 1
- 377 Attention controls multisensory perception via two distinct mechanisms at different levels of the cortical hierarchy. **2021**, 19, e3001465 0
- 376 What happened when? Brain and behavioral responses to violated expectations about the structure and content of episodic memories. 2
- 375 The macromolecular MR spectrum does not change with healthy aging. **2021**, 1
- 374 Localization of anatomical changes in patients during proton therapy with in-beam PET monitoring: a Voxel-Based Morphometry approach exploiting Monte Carlo simulations. **2021**, 2
- 373 Multi-task representations in human cortex transform along a sensory-to-motor hierarchy. 0
- 372 Providing Evidence for the Null Hypothesis in Functional Magnetic Resonance Imaging Using Group-Level Bayesian Inference.. **2021**, 15, 738342 0
- 371 Revealing Brain Activity and White Matter Structure Using Functional and Diffusion-Weighted Magnetic Resonance Imaging. **2022**, 21-83 0
- 370 A brain extraction algorithm for infant T2 weighted magnetic resonance images based on fuzzy c-means thresholding. **2021**, 11, 23347 1
- 369 Enhanced design matrix for task-related fMRI data analysis. **2021**, 245, 118719 0
- 368 Differential structure-function network coupling in the inattentive and combined types of attention deficit hyperactivity disorder. **2021**, 16, e0260295 0
- 367 A Practical Alzheimer Disease Classifier via Brain Imaging-Based Deep Learning on 85,721 Samples: A Multicentre, Retrospective Cohort Study. 0
- 366 Brain Imaging Biomarkers for Chronic Pain.. **2021**, 12, 734821 1
- 365 Uncovering the global task-modulated brain network in chunk decomposition with Chinese characters.. **2021**, 247, 118826 0
- 364 Individual Discriminative Ability of Resting Functional Brain Connectivity is Susceptible to the Time Span of MRI Scans.. **2021**, 482, 43-52 0

- 363 Similar network compositions, but distinct neural dynamics underlying belief updating in environments with and without explicit outcomes.. **2021**, 247, 118821
- 362 An awareness-dependent mapping of saliency in the human visual system.. **2021**, 247, 118864 ○
- 361 The effect of anxiety on mathematical thinking: An fMRI study on 12th-grade students. **2022**, 77, 101779
- 360 Brain signals of a Surprise-Actor-Critic model: Evidence for multiple learning modules in human decision making. **2021**, 246, 118780 ○
- 359 Neural activity differs between explicit and implicit learning of artificial grammar strings: An fMRI study. **2000**, 28, 283-292 22
- 358 Few-Shot Decoding of Brain Activation Maps. **2021**, ○
- 357 Applicability of Manually Crafted Convolutional Neural Network for Classification of Mild Cognitive Impairment. **2021**,
- 356 PCA Based Hierarchical CNN for the Classification of Mild Cognitive Impairments and the Role of SIREN Activations. **2021**,
- 355 Multiple-Activation Parallel Convolution Network in Combination with t-SNE for the Classification of Mild Cognitive Impairment. **2021**,
- 354 Latent functional connectivity underlying multiple brain states. 1-42 ○
- 353 The Hypothesis of Subliminal Cue Reactivity in Addiction Revisited: An fMRI Study.. **2022**, 1-10
- 352 Anxiolytic Effects of Chronic Intranasal Oxytocin on Neural Responses to Threat Are Dose-Frequency Dependent.. **2022**, 1-12 1
- 351 A speech planning network for interactive language use.. **2022**, 2
- 350 Seeing What I Did (Not): Cerebral and Behavioral Effects of Agency and Perspective on Episodic Memory Re-activation.. **2021**, 15, 793115 2
- 349 Disorder-and cognitive demand-specific neurofunctional alterations during social emotional working memory in generalized anxiety disorder and major depressive disorder.
- 348 Alterations in pain processing circuitries in episodic migraine.. **2022**, 23, 9 ○
- 347 Penalized Decomposition Using Residuals (PeDecURe) for Nuisance Variable Adjustment in Multivariate Pattern Analysis.
- 346 The SPDE approach for Gaussian and non-Gaussian fields: 10 years and still running. **2022**, 100599 1

345	Metabolic correlates of olfactory dysfunction in COVID-19 and Parkinson's disease (PD) do not overlap.. <b>2022</b> , 49, 1939	3
344	The Semantics of Natural Objects and Tools in the Brain: A Combined Behavioral and MEG Study.. <b>2022</b> , 12,	0
343	Continuous similarity analysis in patient populations.. <b>2021</b> , 131, 110916	
342	Functional MRI-based study of emotional experience in patients with psychogenic non-epileptic seizures: Protocol for an observational case-control study-EMOCRISSES study.. <b>2022</b> , 17, e0262216	0
341	Diagnostics. <b>2022</b> , 27-38	
340	Metabolic imaging and plasticity.. <b>2022</b> , 184, 121-132	0
339	Texture-like representation of objects in human visual cortex.	1
338	Microstructural changes in prodromal dementia with Lewy bodies compared to normal aging: multiparametric quantitative MRI evidences. <b>2021</b> ,	1
337	Cueing motor memory reactivation during NREM sleep engenders learning-related changes in precuneus and sensorimotor structures.	0
336	Triploid genetic algorithm for convolutional neural network-based diagnosis of mild cognitive impairment.. <b>2022</b> ,	
335	Mine or Ours? Neural Basis of the Exploitation of Common-Pool Resources.. <b>2022</b> ,	
334	Noninvasive Epileptogenic Signal Direction Determination by Effective Connectivity of Resting State Functional MRI - Independent of EEG.	
333	Measuring variability of local brain volume using improved volume preserved warping.. <b>2022</b> , 96, 102039	
332	ciftiTools: A package for reading, writing, visualizing, and manipulating CIFTI files in R.. <b>2022</b> , 250, 118877	1
331	Connectome Spatial Smoothing (CSS): concepts, methods, and evaluation.. <b>2022</b> , 250, 118930	1
330	Let's face it: The lateralization of the face perception network as measured with fMRI is not clearly right dominant.	1
329	Temporal dynamics of the neural representation of hue and luminance polarity.. <b>2022</b> , 13, 661	0
328	Evaluation of Upper Limb Joint Contribution to Racket Head Speed in Elite Tennis Players Using IMU Sensors: Comparison between the Cross-Court and Inside-Out Attacking Forehand Drive.. <b>2022</b> , 22,	1



327	Standardized universal pulse: A fast RF calibration approach to improve flip angle accuracy in parallel transmission.. <b>2022,</b>		0
326	Individual Sensory Modality Dominance as an Influential Factor in the Prefrontal Neurofeedback Training for Spatial Processing: A Functional Near-Infrared Spectroscopy Study.. <b>2022, 16, 774475</b>		
325	Electrophysiological confrontation of Lead-DBS-based electrode localizations in patients with Parkinson's disease undergoing deep brain stimulation.. <b>2022, 34, 102971</b>		1
324	Gamma camera imaging in epilepsy. <b>2022,</b>		
323	Cerebral Cortex Changes in Basketball Players.. <b>2022, 37, e86</b>		0
322	Task-Free and Task-Based Functional MRI in Mindfulness Practitioners and Meditation-Naive Controls- A Pilot Exploratory Analysis.		
321	How to remove or control confounds in predictive models, with applications to brain biomarkers.. <b>2022, 11,</b>		2
320	Evaluation of the power deficit of elderly people during stair negotiation: Which joints should be assisted at least by an exoskeleton and with what amount?. <b>2022, 3,</b>		0
319	Case Report: Atonic PNES Capture in fMRI.. <b>2022, 13, 803145</b>		
318	Distributed network processes account for the majority of variance in localized visual category selectivity.		
317	Attention module improves both performance and interpretability of four-dimensional functional magnetic resonance imaging decoding neural network.. <i>Human Brain Mapping, 2022,</i>	5.9	0
316	The Recovery of Weight-Bearing Symmetry After Total Hip Arthroplasty Is Activity-Dependent.. <b>2022, 10, 813345</b>		
315	Imaging visuospatial memory in temporal lobe epilepsy-Results of an fMRI study.. <b>2022, 17, e0264349</b>		
314	In Vivo Localization of the Human Velocity Storage Mechanism and Its Core Cerebellar Networks by Means of Galvanic-Vestibular Afternystagmus and fMRI.. <b>2022, 1</b>		0
313	A Dedicated Tool for Presurgical Mapping of Brain Tumors and Mixed-Reality Navigation During Neurosurgery.. <b>2022, 1</b>		
312	(Un)common space in infant neuroimaging studies: A systematic review of infant templates.. <i>Human Brain Mapping, 2022,</i>	5.9	0
311	Disrupted structural network of inferomedial temporal regions in relapsing-remitting multiple sclerosis compared with neuromyelitis optica spectrum disorder.. <b>2022, 12, 5152</b>		
310	Enhancement of Impaired Olfactory Neural Activation and Cognitive Capacity by Liraglutide, but not Dapagliflozin or Acarbose, in Patients With Type 2 Diabetes: A 16-Week Randomized Parallel Comparative Study.. <b>2022,</b>		1

- 309 Cognitive-Motor Dissociation Following Pediatric Brain Injury: What About the Children?. 10.1212/CPJ.0000000000000116
- 308 Spatiotemporal patterns of sleep spindle activity in human anterior thalamus and cortex.
- 307 Software Bug Detection Causes a Shift From Bottom-Up to Top-Down Effective Connectivity Involving the Insula Within the Error-Monitoring Network.. **2022**, 16, 788272
- 306 An Appraisal of the Role of the Neocerebellum for Spatial Navigation in Healthy Aging.. **2022**, 1 0
- 305 Gaming behavior and brain activation using functional near-infrared spectroscopy, Iowa gambling task, and machine learning techniques.. **2022**, e2536 0
- 304 Good Scientific Practice in MEEG Research: Progress and Perspectives.. **2022**, 119056 2
- 303 Simultaneously assessing amplitude and temporal effects in biomechanical trajectories using nonlinear registration and statistical nonparametric mapping.. **2022**, 136, 111049 1
- 302 Multisensory mental imagery of fatigue: Evidence from an fMRI study.. *Human Brain Mapping*, **2022**, 5.9 0
- 301 The temporal dedifferentiation of global brain signal fluctuations during human brain ageing.. **2022**, 12, 3616 0
- 300 Quantifying Differences Between Affine and Nonlinear Spatial Normalization of FP-CIT Spect Images.. **2022**, 2250019 2
- 299 The role of the right prefrontal cortex in the retrieval of weak representations.. **2022**, 12, 4537 0
- 298 Indirect decoding of behavior from brain signals via reconstruction of experimental conditions.
- 297 Maternal deprivation and milk replacement affect the integrity of gray and white matter in the developing lamb brain.. **2022**,
- 296 Effect of LSD and music on the time-varying brain dynamics.
- 295 Two-monkey fMRI setup for investigating multifaceted aspects of social cognition and behavior involving a real-live conspecific.. **2022**, 119187
- 294 Changes in ankle and foot kinematic after fixed-bearing total ankle replacement.. **2022**, 136, 111060 0
- 293 Negative bias effects during audiovisual emotional processing in major depression disorder. *Human Brain Mapping*, **2021**, 5.9 1
- 292 How Does Approaching a Lead Vehicle and Monitoring Request Affect Drivers' Takeover Performance? A Simulated Driving Study with Functional MRI.. **2021**, 19, 0

291	Respiratory function modulated during execution, observation, and imagination of walking via SII. <b>2021</b> , 11, 23752	0
290	Aesthetic appraisals of literary style and emotional intensity in narrative engagement are neurally dissociable.. <b>2021</b> , 4, 1401	3
289	Categorical working memory codes in human visual cortex.	0
288	Music-Experience-Related and Musical-Error-Dependent Activations in the Brain.. <b>2021</b> ,	0
287	The role of oxytocin in modulating self-other distinction in human brain: a pharmacological fMRI study.. <b>2022</b> ,	0
286	Altered Muscle Contributions are Required to Support the Stance Limb During Voluntary Toe-Walking.. <b>2022</b> , 10, 810560	1
285	Altered basal ganglia infraslow oscillation and resting functional connectivity in complex regional pain syndrome.. <b>2022</b> ,	0
284	Texture-like representation of objects in human visual cortex.. <b>2022</b> , 119, e2115302119	1
283	Brain Network Allostasis after Chronic Alcohol Drinking Is Characterized by Functional Dedifferentiation and Narrowing.. <b>2022</b> ,	0
282	Retention Effects of Long-Term Balance Training with Vibrotactile Sensory Augmentation in Healthy Older Adults.. <b>2022</b> , 22,	0
281	Reduced ventral attention network connectivity is linked to the accelerated maturation of adult-like cortical organization in childhood.	0
280	Disorder- and cognitive demand-specific neurofunctional alterations during social emotional working memory in generalized anxiety disorder and major depressive disorder.. <b>2022</b> ,	0
279	BOLD fMRI: an update with emphasis on pediatric applications. 281-295	
278	Modulation of cerebellar activation by predictive and non-predictive sequential finger movements. <b>2003</b> , 2, 233-240	
277	Data_Sheet_1.docx. <b>2020</b> ,	
276	DataSheet1.docx. <b>2018</b> ,	
275	Image_1.PDF. <b>2018</b> ,	
274	Video_1.MP4. <b>2018</b> ,	

273 Video\_2.AVI. 2018,

272 Data\_Sheet\_1.PDF. 2018,

271 Image\_1.TIF. 2019,

270 Image\_2.TIF. 2019,

269 Image\_3.TIF. 2019,

268 Table\_1.DOCX. 2019,

267 Table\_2.DOCX. 2019,

266 Data\_Sheet\_1.pdf. 2020,

265 Table\_1.DOCX. 2020,

264 Image\_1.TIF. 2019,

263 Image\_2.TIF. 2019,

262 Image\_3.TIF. 2019,

261 Image\_4.TIF. 2019,

260 Image\_5.TIF. 2019,

259 Image\_6.TIF. 2019,

258 Image\_7.TIF. 2019,

257 Image\_8.TIF. 2019,

256 Image\_9.TIF. 2019,

255 Table\_1.XLSX. 2019,

254 Presentation\_1.PDF. 2018,

253 Image\_1.PDF. 2018,

252 Video\_1.AVI. 2018,

251 Video\_2.AVI. 2018,

250 Video\_3.AVI. 2018,

249 Image1.PDF. 2018,

248 data\_sheet\_1.docx. 2018,

247 Data\_Sheet\_1.PDF. 2020,

246 DataSheet1.docx. 2018,

245 Table\_1.xlsx. 2019,

244 Table\_2.DOCX. 2019,

243 Table\_3.XLSX. 2019,

242 Table\_4.DOCX. 2019,

241 Data\_Sheet\_1.PDF. 2020,

240 Video\_1.MP4. 2020,

239 Video\_2.MP4. 2020,

238 Video\_3.MP4. 2020,

237 Video\_4.MP4. 2020,

236 Table\_1.DOCX. 2019,

235 Table\_1.docx. 2019,

234 Table\_1.DOCX. 2019,

233 Data\_Sheet\_1.pdf. 2019,

232 Video\_1.MOV. 2019,

231 Video\_2.MOV. 2019,

230 Table\_1.XLSX. 2020,

229 Data\_Sheet\_1.docx. 2020,

228 Data\_Sheet\_1.pdf. 2019,

227 Image\_1.tif. 2019,

226 Table\_1.XLSX. 2019,

225 Table\_2.XLSX. 2019,

224 Table\_3.XLSX. 2019,

223 Image\_1.TIF. 2020,

222 Table\_1.DOCX. 2020,

221 Table\_2.DOCX. 2020,

220 Table\_1.DOCX. 2020,

219 Data\_Sheet\_1.pdf. **2019**,

218 Table\_1.DOCX. **2019**,

217 Data\_Sheet\_1.docx. **2020**,

216 Data\_Sheet\_2.docx. **2020**,

215 Data\_Sheet\_3.docx. **2020**,

214 Data\_Sheet\_4.docx. **2020**,

213 Video\_1.AVI. **2020**,

212 Video\_2.AVI. **2020**,

211 Video\_3.AVI. **2020**,

210 Video\_4.AVI. **2020**,

209 Video\_5.AVI. **2020**,

208 Video\_6.AVI. **2020**,

207 Video\_7.AVI. **2020**,

206 Video\_8.AVI. **2020**,

205 Table\_1.docx. **2020**,

204 Table\_2.docx. **2020**,

203 Table\_3.docx. **2020**,

202 Data\_Sheet\_1.pdf. **2019**,

- 201 Table1.DOCX. **2018**,
- 200 Data\_Sheet\_1.zip. **2018**,
- 199 Data\_Sheet\_2.XLSX. **2018**,
- 198 Data\_Sheet\_3.XLSX. **2018**,
- 197 DataSheet\_1.docx. **2019**,
- 196 Data\_Sheet\_1.pdf. **2019**,
- 195 What Happened When? Cerebral Processing of Modified Structure and Content in Episodic Cueing.. **2022**, 1-19 1
- 194 Oxytocin Reduces the Attractiveness of Silver-Tongued Men for Women During Mid-Cycle.. **2022**, 16, 760695
- 193 The Biomechanics Effect of Hamstring Flexibility on the Risk of Osgood-Schlatter Disease.. **2022**, 2022, 3733218
- 192 Differences between Coracoclavicular, Acromioclavicular, or Combined reconstruction Techniques on the Kinematics of the Shoulder Girdle.. **2022**, 3635465221095231
- 191 Using Deep Clustering to Improve fMRI Dynamic Functional Connectivity Analysis.. **2022**, 119288 0
- 190 Space-time resolved inference-based whole-brain neurophysiological mechanism imaging: application to resting-state alpha rhythm.
- 189 Right temporoparietal junction encodes inferred visual knowledge of others.. **2022**, 171, 108243
- 188 Top-down sensory prediction in the infant brain at 6 months is correlated with language development at 12 and 18 months.. **2022**, 230, 105129 0
- 187 Characterising the unity and diversity of executive functions in a within-subject fMRI study.. **2022**, 12, 8182 0
- 186 Temporal differences in the myoelectric activity of lower limb muscles during rearfoot and forefoot running: A statistical parametric mapping approach.. **2022**, 1-17
- 185 Machine Learning Approach in Brain Imaging. **2022**, 203-230
- 184 Learning under social versus nonsocial uncertainty: A meta-analytic approach. *Human Brain Mapping*, 5.9



- 183 Opposing and emotion-specific frontal alterations during facial emotion processing in generalized anxiety and depression.
- 182 Activation in Right Dorsolateral Prefrontal Cortex Underlies Stuttering Anticipation. 1-95 2
- 181 Discerning Seizure-Onset v. Propagation Zone: Pre-and-Post-Operative Resting-State fMRI Directionality and Boerwinkle Neuroplasticity Index. **2022**, 35, 103063
- 180 Functional and morphological reorganization of the brain following spinal cord injury: Insights from MRI. **2022**, 327-338
- 179 Angiotensin antagonist inhibits preferential negative memory encoding via decreasing hippocampus activation and its coupling with amygdala. **2022**, 0
- 178 State or trait: the neurobiology of anorexia nervosa Contributions of a functional magnetic resonance imaging study. **2022**, 10, 1
- 177 Simple foot strike angle calculation from three-dimensional kinematics: A methodological comparison. 1-8
- 176 Assessing Impairments in Visuomotor Adaptation After Stroke. 154596832210951
- 175 Group-level inference of information-based measures for the analyses of cognitive brain networks from neurophysiological data. **2022**, 119347 0
- 174 How brain networks tic: predicting tic severity through rs-fMRI dynamics in Tourette syndrome. 0
- 173 Functional neuroanatomy of English word reading in early bilingual and monolingual adults. *Human Brain Mapping*, 5.9
- 172 Testing the distributed representation hypothesis in object recognition in two open datasets. **2022**, 136709
- 171 Statistical Considerations in Voxel-Based Lesion-Behavior Mapping. **2022**, 119-133
- 170 Oxytocinergic modulation of stress-associated amygdala-hippocampus pathways in humans is mediated by serotonergic mechanisms. 0
- 169 Evidence for grid-cell-related activity in the time domain.
- 168 Augmented pain inhibition and higher integration of pain modulatory brain networks in women with self-injury behavior. 0
- 167 Comparison of Hemodynamic Brain Responses Between Big Wave Surfers and Non-big Wave Surfers During Affective Image Presentation. 13,
- 166 Neurometabolic timecourse of healthy aging. 0

- 165 Multiparametric 3-D analysis of bone and joint space width at the knee from weight bearing computed tomography. **2022**, 100069 ○
- 164 Cochlea to categories: The spatiotemporal dynamics of semantic auditory representations. 1-22
- 163 Striatal Dopaminergic Depletion Pattern Reflects Pathological Brain Perfusion Changes in Lewy Body Diseases. ○
- 162 Auditory perception of ambiguous and non-ambiguous sound in early and late blind children: A functional connectivity study. **2022**, 231, 105148
- 161 The unilateral upper limb classification from fMRI-weighted EEG signals using convolutional neural network. **2022**, 78, 103855
- 160 Central Nervous System. **2022**, 445-524
- 159 Statistical Analysis of Neuroimaging Data. **2022**, 3303-3305
- 158 Effect of behavioural practice targeted at the motor action selection network after stroke.
- 157 Functional Coordinates: Modeling Interactions Between Brain Regions as Points in a Function Space. 1-33 ○
- 156 Impact of Stereotype Threat on Brain Activity During Memory Tasks in Older Adults. **2022**, 119413
- 155 Multimodal Noninvasive Functional Neurophotonic Imaging of Murine Brain-Wide Sensory Responses. 2105588 ○
- 154 Audiovisual adaptation is expressed in spatial and decisional codes. **2022**, 13, ○
- 153 Reinforcement learning with associative or discriminative generalization across states and actions: fMRI at 3 T and 7 T. *Human Brain Mapping*, 5.9 ○
- 152 Connectome spectrum electromagnetic tomography: a method to reconstruct electrical brain sources at high-spatial resolution.
- 151 Alterations in brain structure associated with trigeminal nerve anatomy in episodic migraine. 3,
- 150 Penalized decomposition using residuals (PeDecURe) for feature extraction in the presence of nuisance variables. ○
- 149 Lateralized brain activities in subcortical vascular mild cognitive impairment with differential Chinese medicine patterns: A resting-state functional magnetic resonance imaging study. 16,
- 148 Symptomatic and asymptomatic pronated feet show differences in the forefoot abduction motion during jogging, but not in the arch deformation. 1-12 ○

- 147 Decoding Task-Based fMRI Data with Graph Neural Networks, Considering Individual Differences. **2022**, 12, 1094 ○
- 146 Processing of Different Social Scales in the Human Brain.
- 145 Regional optimum frequency analysis of resting-state fMRI data for early detection of Alzheimer's disease biomarkers.
- 144 Dynamic neural reconfiguration for distinct strategies during competitive social interactions. **2022**, 119585
- 143 Multimodal neural networks better explain multivoxel patterns in the hippocampus. **2022**, 154, 538-542 ○
- 142 Closing the loop: Novel quantitative fMRI approach for manipulation of the sensorimotor loop in tremor. **2022**, 262, 119554
- 141 Brain activity changes associated with pain perception variability. ○
- 140 A hypothesis-driven method based on machine learning for neuroimaging data analysis. **2022**, 510, 159-171 ○
- 139 Spatiotemporal patterns of sleep spindle activity in human anterior thalamus and cortex. **2022**, 263, 119625 ○
- 138 Let's face it: The lateralization of the face perception network as measured with fMRI is not clearly right dominant. **2022**, 263, 119587 ○
- 137 Space-time resolved inference-based neurophysiological process imaging: Application to resting-state alpha rhythm. **2022**, 263, 119592 ○
- 136 Differences in the neural networks of thermal sensation with and without evaluation process. **2022**, 13, 274-283 ○
- 135 Hierarchical Brain Networks Decomposition via Prior Knowledge Guided Deep Belief Network. **2022**, 251-260 ○
- 134 Neural Mechanisms of Perceptual and Affective Body-Image Disturbance During Self-Body Estimation and Ideal-Body Evaluation. ○
- 133 Age-Related Modifications of Muscle Synergies and Their Temporal Activations for Overground Walking. **2022**, 30, 2700-2709 ○
- 132 Linking profiles of pathway activation with clinical motor improvements: A retrospective computational study. **2022**, 36, 103185 ○
- 131 A Multi-scale Attention-based Convolutional Network for Identification of Alzheimer's Disease based on Hippocampal Subfields. **2022**, ○
- 130 Longitudinal corpus callosum microstructural decline in early-stage Parkinson's disease in association with akinetic-rigid symptom severity. **2022**, 8, ○

- 129 Machine learning in neuroimaging: from research to clinical practice. ○
- 128 Dissociation of Writing Processes: A Functional Magnetic Resonance Imaging Study on the Neural Substrates for the Handwritten Production of Chinese Characters. 1-21 ○
- 127 Decreased BOLD signals elicited by 40-Hz auditory stimulation of the right primary auditory cortex in bipolar disorder: An fMRI study. 13, ○
- 126 On the encoding of natural music in computational models and human brains. 16, ○
- 125 Aberrant dynamic minimal spanning tree parameters within default mode network in patients with autism spectrum disorder. 13, ○
- 124 Functional Connectivity in the Mouse Brainstem Represents Signs of Recovery from Concussion. ○
- 123 Exploring Theater Neuroscience: Using Wearable Functional Near-infrared Spectroscopy to Measure the Sense of Self and Interpersonal Coordination in Professional Actors. 1-22 1
- 122 Cortical contributions to locomotor primitives in toddlers and adults. **2022**, 105229 ○
- 121 Hemispheric Asymmetry of the Hand Motor Representations in Patients with Highly Malignant Brain Tumors: Implications for Surgery and Clinical Practice. **2022**, 12, 1274 ○
- 120 Proprioceptive contribution to oculomotor control in humans. ○
- 119 Cognitive and Brain Metabolism Profiles of Mild Cognitive Impairment in Prodromal Alpha-Synucleinopathy. **2022**, 1-12 ○
- 118 A comparison of multiband and multiband multiecho gradient-echo EPI for task fMRI at 3 T. ○
- 117 Aberrant resting-state functional connectivity in incarcerated women with elevated psychopathic traits. 1, ○
- 116 Precise motor rhythmicity relies on motor network responsivity. ○
- 115 Cerebral glucose changes after chemotherapy and their relation to long-term cognitive complaints and fatigue. 12, ○
- 114 The effect of action contingency on social perception is independent of person-like appearance and is related to deactivation of the frontal component of the self-agency network. **2022**, 12, ○
- 113 A practical Alzheimer's disease classifier via brain imaging-based deep learning on 85,721 samples. **2022**, 9, 1
- 112 Accuracy of Ground Reaction Force and Muscle Activation Prediction in a Child-Adapted Musculoskeletal Model. **2022**, 22, 7825 ○

111	Subjective reward processing and catechol-O- methyltransferase Val158Met polymorphism as potential research domain criteria in addiction: A pilot study. 13,	0
110	Medial Prefrontal Cortex Dysfunction Mediates Working Memory Deficits in Patients with Schizophrenia. <b>2022</b> ,	0
109	Inefficient white matter activity in Schizophrenia evoked during intra and inter-hemispheric communication. <b>2022</b> , 12,	0
108	Food appearance affects reward-related brain activity in healthy adults: a functional magnetic resonance imaging study. 1-8	0
107	Reconstruction of time-shifted hemodynamic response. <b>2022</b> , 12,	0
106	Differences in Olivo-Cerebellar Circuit and Cerebellar Network Connectivity in Essential Tremor: a Resting State fMRI Study.	0
105	Sex Moderates Family History of Alcohol Use Disorder and Childhood Maltreatment Effects on an fMRI Stop-Signal Task.	0
104	Interpreting mental state decoding with deep learning models. <b>2022</b> , 26, 972-986	2
103	Default mode network scaffolds immature frontoparietal network in cognitive development.	0
102	Effects of transcranial direct current stimulation on neural activity and functional connectivity during fear extinction. <b>2023</b> , 23, 100342	0
101	Estimation Of Cortical Currents From Eeg Signals During N-Back Working Memory Tasks. <b>2022</b> ,	0
100	Tactually-related cognitive impairments: sharing of neural substrates across associative tactile agnosia, agraphesthesia, and kinesthetic reading difficulty.	0
99	Rapid interactions of widespread brain networks characterize semantic cognition. JN-RM-0529-21	0
98	Increased Inertia Triggers Linear Responses in Motor Cortices during Large-Extent MovementsA fNIRS Study. <b>2022</b> , 12, 1539	0
97	An image registration method for voxel-wise analysis of whole-body oncological PET-CT. <b>2022</b> , 12,	0
96	Characterizing functional brain networks via Spatio-Temporal Attention 4D Convolutional Neural Networks (STA-4DCNNs). <b>2022</b> ,	2
95	Mapping human social brain specialisation beyond the neuron using multimodal imaging in human infants.	0
94	A non-parametric statistical inference framework for Deep Learning in current neuroimaging. <b>2022</b> ,	0

- 93 The GLM-Spectrum: A multilevel framework for spectrum analysis with covariate and confound modelling. ○
- 92 Review of Quantitative Methods for the Detection of Alzheimer's Disease with Positron Emission Tomography. **2022**, 12, 11463 ○
- 91 Retinal functional ultrasound imaging (rfUS) for assessing neurovascular alterations: a pilot study on a rat model of dementia. **2022**, 12, ○
- 90 Dysfunction of the Visual Sensory Thalamus in Developmental Dyslexia. ○
- 89 Neurometabolic timecourse of healthy aging. **2022**, 264, 119740 ○
- 88 Categorization learning induced changes in action representations in the macaque STS. **2023**, 265, 119780 ○
- 87 Specific and common functional connectivity deficits in drug-free generalized anxiety disorder and panic disorder: A data-driven analysis. **2023**, 319, 114971 ○
- 86 Diffusion Tensor Imaging Biomarkers for Parkinson's Disease Symptomatology. **2022**, 134-142 ○
- 85 Sex-dependent effects of early life stress on reinforcement learning and limbic cortico-striatal functional connectivity. **2023**, 22, 100507 ○
- 84 Effect of subjective sleep quality on aggression: A two-year longitudinal and fMRI pilot study. **2023**, 176, 108454 ○
- 83 The emotional component of inner speech: A pilot exploratory fMRI study. **2023**, 165, 105939 ○
- 82 Preprocessing FMRI Data In SPM12. **2022**, ○
- 81 Effects of arch support doses on the center of pressure and pressure distribution of running using statistical parametric mapping. 10, ○
- 80 Large-scale signal and noise correlations configure multi-task coding in human brain networks. ○
- 79 The impact of breast milk feeding on early brain development in preterm infants in China: An observational study. **2022**, 17, e0272125 1
- 78 Joint spectral quantification of MR spectroscopic imaging using linear tangent space alignment-based manifold learning. ○
- 77 Multitask representations in the human cortex transform along a sensory-to-motor hierarchy. ○
- 76 The underlying neural bases of the reversal error while solving algebraic word problems. **2022**, 12, ○

- 75 Long term worsening of Alzheimer pathology and clinical outcome by a single inoculation of mutated beta-amyloid seeds. ○
- 74 Investigation of Involvement between Specific Brain Regions and Evaluation Criteria Elements in a Two-Selections Task. **2022**, 2022, 1-9 ○
- 73 Solidity Meets Surprise: Cerebral and Behavioral Effects of Learning from Episodic Prediction Errors. 1-23 ○
- 72 autohrf-an R package for generating data-informed event models for general linear modeling of task-based fMRI data. 1, ○
- 71 Quantification of Radiomics features of Peritumoral Vasogenic Edema extracted from fluid-attenuated inversion recovery images in glioblastoma and isolated brain metastasis, using T1-dynamic contrast-enhanced Perfusion analysis. ○
- 70 Effect of the Mediterranean diet and probiotic supplementation in the management of mild cognitive impairment: Rationale, methods, and baseline characteristics. 9, ○
- 69 The specific brain activity of dual task coordination: a theoretical conflict-control model based on a qualitative and quantitative review. 1-22 ○
- 68 Modulation of pulvinar connectivity with cortical areas in the control of selective visual attention. **2022**, 119832 ○
- 67 Serotonin transporter availability in physically aggressive personality disordered patients: associations with trait and state aggression, and response to fluoxetine. ○
- 66 Presentation format affects the behavioural and neural processing costs of sentence reinterpretation. 1-23 ○
- 65 Relationship Between Iron Distribution in Deep Gray Matter Nuclei Measured by Quantitative Susceptibility Mapping and Motor Outcome After Deep Brain Stimulation in Patients With Parkinson's Disease. ○
- 64 Review of Progress in Diagnostic Studies of Autism Spectrum Disorder Using Neuroimaging. ○
- 63 A Statistical Parametric Mapping Analysis Approach for the Evaluation of a Passive Back Support Exoskeleton on Mechanical Loading During a Simulated Patient Transfer Task. **2023**, 1-12 ○
- 62 Improving T2\*-Weighted Human Cortico-Spinal Acquisitions with a Dedicated Algorithm for Region-Wise Shimming. **2023**, 119868 ○
- 61 Sources of residual autocorrelation in multiband task fMRI and strategies for effective mitigation. 16, ○
- 60 A quantitative model for human neurovascular coupling with translated mechanisms from animals. **2023**, 19, e1010818 ○
- 59 Brainstorm-DUNeuro: An integrated and user-friendly Finite Element Method for modeling electromagnetic brain activity. **2023**, 267, 119851 ○
- 58 Detailed organisation of the human midbrain periaqueductal grey revealed using ultra-high field magnetic resonance imaging. **2023**, 266, 119828 ○

57	Data driven clusters derived from resting state functional connectivity: Findings from the EMBARC study. <b>2023</b> , 158, 150-156	0
56	Opposing and emotion-specific associations between frontal activation with depression and anxiety symptoms during facial emotion processing in generalized anxiety and depression. <b>2023</b> , 123, 110716	0
55	Loaded open-kinetic-chain exercises stretch the anterior cruciate ligament more than closed-kinetic-chain exercises: In-vivo assessment of anterior cruciate ligament length change. <b>2022</b> , 102715	1
54	Determining and Validating Population Differences in Magnetic Resonance Angiography Using Sparse Representation. <b>2022</b> ,	0
53	Multivariate analysis of brain activity patterns as a tool to understand predictive processes in speech perception. 1-17	0
52	Selective recruitment: Evidence for task-dependent gating of inputs to the cerebellum.	0
51	Applications of Radiation Detectors to Society. <b>2023</b> , 11-19	0
50	The interaction between first-episode drug-naïve schizophrenia and age based on gray matter volume and its molecular analysis: a multimodal magnetic resonance imaging study.	0
49	Audiovisual integration is preserved in older adults across the cortical hierarchy.	0
48	sLASER and PRESS Perform Similarly at Revealing Metabolite-Age Correlations.	0
47	Concurrent intrinsic optical imaging and fMRI at ultra-high field using magnetic field proof optical components.	0
46	Dynamic Effective Connectivity using Physiologically informed Dynamic Causal Model with Recurrent Units: A Functional Magnetic Resonance Imaging simulation study. 17,	0
45	Functional magnetic resonance imaging of headache: Issues, best-practices, and new directions, a narrative review. <b>2023</b> , 63, 309-321	0
44	Bayesian lesion-deficit inference with Bayes factor mapping: Key advantages, limitations, and a toolbox. <b>2023</b> , 271, 120008	0
43	Benchmarking explanation methods for mental state decoding with deep learning models. <b>2023</b> , 273, 120109	0
42	Two different brain networks underlying picture naming with familiar pre-existing native words and new vocabulary. <b>2023</b> , 237, 105231	0
41	Big Data in Cognitive Neuroscience: Opportunities and Challenges. <b>2022</b> , 16-30	0
40	Sex moderates family history of alcohol use disorder and childhood maltreatment effects on an fMRI stop-signal task. <b>2023</b> , 44, 2436-2450	0



- 39 Optimizing multivariate pattern classification in rapid event-related designs. **2023**, 387, 109808 ○
- 38 Interlimb and Intralimb Coordination of Rectus Femoris and Biceps Femoris Muscles at Different Running Speeds. **2023**, 55, 945-956 ○
- 37 Aberrant resting-state functional connectivity associated with childhood trauma among juvenile offenders. **2023**, 37, 103343 ○
- 36 The deep trabecular structure of first metacarpals in extant hominids. ○
- 35 Non-invasive measurement of oxygen metabolism. Part 1: Historical review and state of the art. ○
- 34 Contribution of the stereoscopic representation of motion-in-depth during visually guided feedback control. ○
- 33 A curtailed task for quantitative evaluation of visuomotor adaptation in the head-mounted display virtual reality environment. 13, ○
- 32 Neural mechanisms of perceptual and affective body-image disturbance during own-body and ideal-body estimation. **2023**, 444, 114349 ○
- 31 Neural encoding with unsupervised spiking convolutional neural network. ○
- 30 Demonstrating quality control procedures for fMRI in DPABI. 17, ○
- 29 A cycle-consistent adversarial network for brain PET partial volume correction without prior anatomical information. ○
- 28 Running speed changes the distribution of excitation within the biceps femoris muscle in 80 m sprints. ○
- 27 Neuroimaging-based analysis of DBS outcome in pediatric dystonia: Insights from the GEPESTIM registry. ○
- 26 The impact of vasomotion on analysis of rodent fMRI data. 17, ○
- 25 Multivariate analysis differentiates intertemporal choices in both value and cognitive control network. 17, ○
- 24 Geometry-derived statistical significance: A probabilistic framework for detecting true positive findings in MRI data. **2023**, 13, ○
- 23 N-acetylcysteine does not alter neurometabolite levels in non-treatment seeking adolescents who use alcohol heavily: A preliminary randomized clinical trial. ○
- 22 Rollator Usage Lets Young Individuals Switch Movement Strategies in Sit-to-Stand and Stand-to-Sit Tasks. ○

21	Blind Subgrouping of Task-based fMRI.	○
20	BOLD Moments: modeling short visual events through a video fMRI dataset and metadata.	○
19	A brief real-time fNIRS-informed neurofeedback training of the prefrontal cortex changes brain activity and connectivity during subsequent working memory challenge.	○
18	Role of hippocampal subfields in neurodegenerative disease progression analyzed with a multi-scale attention-based network. <b>2023</b> , 38, 103370	○
17	Reduced coupling of global brain function and cerebrospinal fluid dynamics in Parkinson's disease. 0271678X2311643	○
16	A frontoparietal network for volitional control of gaze following.	○
15	Brainchop: In-browser MRI volumetric segmentation and rendering. <b>2023</b> , 8, 5098	○
14	Brain-wide network analysis of resting-state neuromagnetic data.	○
13	Neuroimaging statistical approaches for determining neural correlates of Alzheimer's disease via positron emission tomography imaging.	○
12	Dynamic Graphical Models with Variable Selection for Effective Connectivity. <b>2023</b> , -1,	○
11	A framework for focal and connectomic mapping of transiently disrupted brain function. <b>2023</b> , 6,	○
10	Age-Related Changes in Episodic Processing of Scenes: A Functional Activation and Connectivity Study. <b>2023</b> , 23, 4107	○
9	Imaging the Spin: Disentangling the Core Processes Underlying Mental Rotation by Network Mapping of Data From Meta-analysis. <b>2023</b> , 105187	○
8	A reproducible benchmark of resting-state fMRI denoising strategies using fMRIPrep and Nilearn.	○
7	Resting state functional connectivity differentiation of neuropathic and nociceptive pain in individuals with chronic spinal cord injury. <b>2023</b> , 103414	○
6	Comprehensive evaluation of harmonization on functional brain imaging for multisite data-fusion. <b>2023</b> , 120089	○
5	Analysis of the effect of decorated interior walls on drivers' performance: From individual micro-behavior to brain activation. <b>2023</b> , 95, 160-176	○
4	The Cerebellum's Orchestra: Understanding the Functional Connectivity of Its Lobes and Deep Nuclei in Coordination and Integration of Brain Networks. <b>2023</b> , 9, 883-893	○

- 3 Long term worsening of amyloid pathology, cerebral function, and cognition after a single inoculation of beta-amyloid seeds with Osaka mutation. **2023**, 11,
- 2 Categorical working memory codes in human visual cortex. **2023**, 274, 120149
- 1 Adaptive coding of stimulus information in human frontoparietal cortex during visual classification. **2023**, 274, 120150