The Relationship between Global and Local Changes in

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Citation Report

#	Article	IF	CITATIONS
1	Positron Emission Tomography in Psychopharmacology. International Review of Psychiatry, 1990, 2, 427-439.	2.8	4
2	Positron Emission Tomography in the Study of Brain Metabolism in Psychiatric and Neuropsychiatric Disorders. British Journal of Psychiatry, 1990, 157, 82-95.	2.8	24
3	Preliminary report: activation of the cerebellum in essential tremor. Lancet, The, 1990, 336, 1028-1030.	13.7	187
4	11 Positron emission tomography as a research tool in the investigation of psychiatric and psychological disorders. Bailliere's Clinical Endocrinology and Metabolism, 1991, 5, 187-203.	1.0	6
5	Sites of action of morphine in the brain. Lancet, The, 1991, 338, 825.	13.7	43
6	The anatomy of single word processing: Activation studies with positron emission tomography. Journal of Neurolinguistics, 1991, 6, 273-284.	1.1	3
7	Cortical and subcortical localization of response to pain in man using positron emission tomography. Proceedings of the Royal Society B: Biological Sciences, 1991, 244, 39-44.	2.6	449
8	Investigating a network model of word generation with positron emission tomography. Proceedings of the Royal Society B: Biological Sciences, 1991, 244, 101-106.	2.6	137
9	Fenoterol and its bromide. Lancet, The, 1991, 338, 825-826.	13.7	4
11	A direct demonstration of functional specialization in human visual cortex. Journal of Neuroscience, 1991, 11, 641-649.	3.6	1,617
12	Regional cerebral blood flow during volitional breathing in man Journal of Physiology, 1991, 443, 91-103.	2.9	186
13	A PET study of word finding. Neuropsychologia, 1991, 29, 1137-1148.	1.6	678
14	Decreases in Regional Cerebral Blood Flow with Normal Aging. Journal of Cerebral Blood Flow and Metabolism, 1991, 11, 684-689.	4.3	362
15	Comparing Functional (PET) Images: The Assessment of Significant Change. Journal of Cerebral Blood Flow and Metabolism, 1991, 11, 690-699.	4.3	1,553
16	The functional anatomy of motor recovery after stroke in humans: A study with positron emission tomography. Annals of Neurology, 1991, 29, 63-71.	5.3	1,080
17	Cortical areas and the selection of movement: a study with positron emission tomography. Experimental Brain Research, 1991, 84, 393-402.	1.5	794
18	THE LEFT MEDIAL TEMPORAL REGION AND SCHIZOPHRENIA: A PET STUDY. Brain, 1992, 115, 367-382.	7.6	256
19	Regional cerebral blood flow abnormalities in depressed patients with cognitive impairment Journal of Neurology, Neurosurgery and Psychiatry, 1992, 55, 768-773.	1.9	212

#	Article	IF	Citations
20	The role of the left and right hemispheres in recovery from aphasia. Aphasiology, 1992, 6, 359-372.	2.2	78
21	HUMAN FUNCTIONAL ANATOMY OF VISUALLY GUIDED FINGER MOVEMENTS. Brain, 1992, 115, 565-587.	7.6	349
22	PET scanning and schizophrenia – what progress?. Psychological Medicine, 1992, 22, 557-560.	4.5	10
23	The anatomy of melancholia – focal abnormalities of cerebral blood flow in major depression. Psychological Medicine, 1992, 22, 607-615.	4.5	692
24	Evidence of dysfunction of a prefrontal-limbic network in schizophrenia: a magnetic resonance imaging and regional cerebral blood flow study of discordant monozygotic twins. American Journal of Psychiatry, 1992, 149, 890-897.	7.2	653
25	Patterns of Cerebral Blood Flow in Schizophrenia. British Journal of Psychiatry, 1992, 160, 179-186.	2.8	890
26	THE CORTICAL LOCALIZATION OF THE LEXICONS. Brain, 1992, 115, 1769-1782.	7.6	674
27	Regional response differences within the human auditory cortex when listening to words. Neuroscience Letters, 1992, 146, 179-182.	2.1	281
28	Measuring the neuromodulatory effects of drugs in man with positron emission tomography. Neuroscience Letters, 1992, 141, 106-110.	2.1	84
29	Motor practice and neurophysiological adaptation in the cerebellum: a positron tomography study. Proceedings of the Royal Society B: Biological Sciences, 1992, 248, 223-228.	2.6	243
30	Instrumentation for positron emission tomography: Tomographs and data processing and display systems. Seminars in Nuclear Medicine, 1992, 22, 162-181.	4.6	22
31	Functional anatomy of human procedural learning determined with regional cerebral blood flow and PET. Journal of Neuroscience, 1992, 12, 2542-2548.	3.6	598
32	The Effect of Apomorphine and Buspirone on Regional Cerebral Blood Flow During the Performance of a Cognitive Taskâ€"Measuring Neuromodulatory Effects of Psychotropic Drugs in Man. European Journal of Neuroscience, 1992, 4, 1203-1212.	2.6	46
33	Effect of the 5-HT1A partial agonist buspirone on regional cerebral blood flow in man. Psychopharmacology, 1992, 108, 380-386.	3.1	27
34	Functional reorganization of the brain in recovery from striatocapsular infarction in man. Annals of Neurology, 1992, 31, 463-472.	5. 3	869
35	Impaired mesial frontal and putamen activation in Parkinson's disease: A positron emission tomography study. Annals of Neurology, 1992, 32, 151-161.	5. 3	600
36	Impaired activation of the supplementary motor area in Parkinson's disease is reversed when akinesia is treated with apomorphine. Annals of Neurology, 1992, 32, 749-757.	5.3	426
37	Individual patterns of functional reorganization in the human cerebral cortex after capsular infraction. Annals of Neurology, 1993, 33, 181-189.	5.3	751

#	ARTICLE	IF	CITATIONS
38	A positron emission tomography study of essential tremor: Evidence for overactivity of cerebellar connections. Annals of Neurology, 1993, 34, 82-90.	5.3	295
39	Three-dimensional analysis of clustered voxels in 150-butanol brain activation images. Human Brain Mapping, 1993, 1, 3-19.	3.6	112
40	Timeâ€dependent changes in effective connectivity measured with PET. Human Brain Mapping, 1993, 1, 69-79.	3.6	256
41	Positron-emission tomographic localization of abnormalities of brain metabolism in patients with minimal hepatic encephalopathy. Hepatology, 1993, 18, 1061-1068.	7.3	111
42	Within-arm somatotopy in human motor areas determined by positron emission tomography imaging of cerebral blood flow. Experimental Brain Research, 1993, 95, 172-6.	1.5	197
43	Analysis of Covariance in Statistical Parametric Mapping. Journal of Cerebral Blood Flow and Metabolism, 1993, 13, 1038-1038.	4.3	11
45	Functional Connectivity: The Principal-Component Analysis of Large (PET) Data Sets. Journal of Cerebral Blood Flow and Metabolism, 1993, 13, 5-14.	4.3	1,688
46	Analysis of Individual Positron Emission Tomography Activation Maps by Detection of High Signal-to-Noise-Ratio Pixel Clusters. Journal of Cerebral Blood Flow and Metabolism, 1993, 13, 425-437.	4.3	146
47	Detection of Thirty-Second Cognitive Activations in Single Subjects with Positron Emission Tomography: A New Low-Dose H ₂ ¹⁵ O Regional Cerebral Blood Flow Three-Dimensional Imaging Technique. Journal of Cerebral Blood Flow and Metabolism, 1993, 13, 617-629.	4.3	227
48	The neural correlates of the verbal component of working memory. Nature, 1993, 362, 342-345.	27.8	2,322
49	Investigations of the functional anatomy of attention using the stroop test. Neuropsychologia, 1993, 31, 907-922.	1.6	727
50	Functional mapping of brain areas implicated in auditory—verbal memory function. Brain, 1993, 116, 1-20.	7.6	579
51	Regional cerebral blood flow during the wisconsin card sorting test in normal subjects studied by xenon-133 dynamic SPECT: Comparison of absolute values, percent distribution values and covariance analysis. Psychiatry Research - Neuroimaging, 1993, 50, 177-192.	1.8	70
52	Activation of the human hippocampal formation during auditory-verbal long-term memory function. Neuroscience Letters, 1993, 163, 185-188.	2.1	79
53	General activation of cerebral metabolism with speech: a PET study. International Journal of Psychophysiology, 1993, 14, 199-208.	1.0	17
54	Functional cortical interaction patterns in visual perception and visuospatial problem solving. Journal of the Neurological Sciences, 1993, 114, 25-35.	0.6	17
55	Going beyond the information given: the relation of illusory visual motion to brain activity. Proceedings of the Royal Society B: Biological Sciences, 1993, 252, 215-222.	2.6	190
56	Area V5 of the Human Brain: Evidence from a Combined Study Using Positron Emission Tomography and Magnetic Resonance Imaging. Cerebral Cortex, 1993, 3, 79-94.	2.9	1,236

#	Article	IF	CITATIONS
57	Dorsolateral prefrontal cortex dysfunction in the major psychoses; symptom or disease specificity?. Journal of Neurology, Neurosurgery and Psychiatry, 1993, 56, 1290-1294.	1.9	245
58	Different perceptual tasks performed with the same visual stimulus attribute activate different regions of the human brain: a positron emission tomography study. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 10927-10931.	7.1	75
59	Data analysis in behavioral cerebral blood flow activation studies using xenon-133 clearance Stroke, 1993, 24, 387-391.	2.0	4
60	The effect of the dopamine agonist, apomorphine, on regional cerebral blood flow in normal volunteers. Psychological Medicine, 1993, 23, 605-613.	4.5	52
61	Changes in global cerebral blood flow in humans: effect on regional cerebral blood flow during a neural activation task Journal of Physiology, 1993, 471, 521-534.	2.9	116
62	Regional cerebral blood flow during volitional expiration in man: a comparison with volitional inspiration Journal of Physiology, 1993, 461, 85-101.	2.9	134
63	Regional cerebral blood flow in depression measured by positron emission tomography: the relationship with clinical dimensions. Psychological Medicine, 1993, 23, 579-590.	4.5	520
64	Implications of Positron Emission Tomography Research for the Investigation of the Actions of Antipsychotic Drugs. British Journal of Psychiatry, 1993, 163, 25-30.	2.8	9
65	The functional organization of human extrastriate cortex: a PET-rCBF study of selective attention to faces and locations. Journal of Neuroscience, 1994, 14, 6336-6353.	3.6	1,038
66	Motor sequence learning: a study with positron emission tomography. Journal of Neuroscience, 1994, 14, 3775-3790.	3.6	1,126
67	Statistical methods in neuroimaging with particular application to emission tomography. Statistical Methods in Medical Research, 1994, 3, 63-86.	1.5	22
68	Cortical control of saccades and fixation in man A PET study. Brain, 1994, 117, 1073-1084.	7.6	306
69	A PET study of cognitive strategies in normal subjects during language tasks. Brain, 1994, 117, 671-682.	7.6	224
70	Tactile exploration of shape after subcortical ischaemic infarction studied with PET. Brain, 1994, 117, 593-605.	7.6	81
71	Depression in Parkinson's Disease. British Journal of Psychiatry, 1994, 165, 333-339.	2.8	213
72	Brain activity during reading The effects of exposure duration and task. Brain, 1994, 117, 1255-1269.	7.6	484
73	Functional Anatomy of Obsessive–Compulsive Phenomena. British Journal of Psychiatry, 1994, 164, 459-468.	2.8	436
74	Cerebral responses to pain in patients with atypical facial pain measured by positron emission tomography Journal of Neurology, Neurosurgery and Psychiatry, 1994, 57, 1166-1172.	1.9	275

#	Article	IF	Citations
75	The brain activity related to residual motion vision in a patient with bilateral lesions of V5. Brain, 1994, 117, 1023-1038.	7.6	110
76	PET studies of language: An assessment of the reliability of the technique. Journal of Psycholinguistic Research, 1994, 23, 499-527.	1.3	67
77	Identification of the central vestibular projections in man: a positron emission tomography activation study. Experimental Brain Research, 1994, 99, 164-9.	1.5	323
78	Analysis of functional MRI timeâ€series. Human Brain Mapping, 1994, 1, 153-171.	3.6	1,397
79	Human brain atlas: For high-resolution functional and anatomical mapping. Human Brain Mapping, 1994, 1, 173-184.	3 . 6	212
80	Regional brain activity when selecting a response despite interference: An H ₂ ¹⁵ O PET study of the stroop and an emotional stroop. Human Brain Mapping, 1994, 1, 194-209.	3.6	231
81	Assessing the significance of focal activations using their spatial extent. Human Brain Mapping, 1994 , 1 , $210-220$.	3 . 6	1,654
82	Functional neuroanatomy of verbal free recall: A replication study. Human Brain Mapping, 1994, 1, 284-292.	3.6	44
83	Functional and effective connectivity in neuroimaging: A synthesis. Human Brain Mapping, 1994, 2, 56-78.	3.6	1,964
84	Application of the scaled subprofile model to functional imaging in neuropsychiatric disorders: A principal component approach to modeling brain function in disease. Human Brain Mapping, 1994, 2, 79-94.	3. 6	138
85	Data analysis paradigms for metabolic-flow data: Combining neural modeling and functional neuroimaging. Human Brain Mapping, 1994, 2, 112-122.	3.6	58
86	Statistical parametric maps in functional imaging: A general linear approach. Human Brain Mapping, 1994, 2, 189-210.	3.6	8,177
87	Red nuclear and cerebellar but no olivary activation associated with essential tremor: A positron emission tomoraphic study. Annals of Neurology, 1994, 36, 636-642.	5. 3	250
88	Opiate receptors in idiopathic generalised epilepsy measured with [11C]diprenorphine and positron emission tomography. Epilepsy Research, 1994, 19, 71-77.	1.6	28
89	Mapping motor representations with positron emission tomography. Nature, 1994, 371, 600-602.	27.8	1,023
90	Activation of Regional Cerebral Blood Flow by a Memorization Task in Early Parkinson's Disease Patients and Normal Subjects. Journal of Cerebral Blood Flow and Metabolism, 1994, 14, 431-438.	4.3	15
91	Imaging Transient, Randomly Occurring Neuropsychological Events in Single Subjects with Positron Emission Tomography: An Event-Related Count Rate Correlational Analysis. Journal of Cerebral Blood Flow and Metabolism, 1994, 14, 771-782.	4. 3	41
92	Human cortical areas selectively activated by apparent sound movement. Current Biology, 1994, 4, 892-895.	3.9	85

#	Article	IF	CITATIONS
93	A likely in vivo probe of human circadian timing system function using PET. Biological Psychiatry, 1994, 36, 562-565.	1.3	6
94	PASAT performance and the pattern of uptake of 99mTc-exametazime in brain estimated with single photon emission tomography. Biological Psychology, 1994, 38, 1-18.	2.2	29
95	Central nervous pathways mediating angina pectoris. Lancet, The, 1994, 344, 147-150.	13.7	252
96	Brain-imaging studies of cognitive functions. Trends in Neurosciences, 1994, 17, 221-227.	8.6	132
97	Brain activation study by use of positron emission tomography in unanesthetized monkeys. Neuroscience Letters, 1994, 182, 279-282.	2.1	41
98	Neuropsychological dysfunction in depression: the relationship to regional cerebral blood flow. Psychological Medicine, 1994, 24, 849-857.	4.5	153
99	A graded task approach to the functional mapping of brain areas implicated in auditory—verbal memory. Brain, 1994, 117, 1271-1282.	7.6	243
100	The cerebral activity related to the visual perception of forward motion in depth. Brain, 1994, 117, 1039-1054.	7.6	173
101	Neuroanatomical correlates of encoding in episodic memory: levels of processing effect Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 2008-2011.	7.1	553
102	Basal Ganglia and Frontal Lobe Glucose Metabolism. Journal of Neuroimaging, 1995, 5, 219-226.	2.0	9
103	A motion area in human visual cortex Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 993-997.	7.1	121
104	Methods for the correction of vascular artifacts in PET O-15 water brain mapping studies. , 0, , .		0
105	Evidence for limbic system activation during CO2â€stimulated breathing in man Journal of Physiology, 1995, 488, 77-84.	2.9	124
106	Effects of stimulus rate on regional cerebral blood flow after median nerve stimulation. Brain, 1995, 118, 1339-1351.	7.6	107
107	Changes in regional cerebral blood flow on recovery from depression. Psychological Medicine, 1995, 25, 247-261.	4.5	341
108	Hyperpnoea during and immediately after exercise in man: evidence of motor cortical involvement Journal of Physiology, 1995, 489, 663-675.	2.9	94
109	Chromosome 14 linked familial Alzheimer's disease. Brain, 1995, 118, 185-205.	7.6	92
110	The functional anatomy of recovery from auditory agnosia. Brain, 1995, 118, 1395-1409.	7.6	153

#	Article	IF	CITATIONS
111	Improved Sensitivity of 18FDG-Positron Emission Tomography Scans in Frontal and "Frontal Plus" Epilepsy. Epilepsia, 1995, 36, 388-395.	5.1	51
112	Regional cerebral blood flow changes in motor cortical areas after transient anesthesia of the forearm. Annals of Neurology, 1995, 37, 74-81.	5.3	67
113	Overactive prefrontal and underactive motor cortical areas in idiopathic dystonia. Annals of Neurology, 1995, 37, 363-372.	5.3	299
114	Recovery from wernicke's aphasia: A positron emission tomographic study. Annals of Neurology, 1995, 37, 723-732.	5.3	570
115	Motor reorganization in acquired hemidystonia. Annals of Neurology, 1995, 37, 746-757.	5.3	121
116	Improved Assessment of Significant Activation in Functional Magnetic Resonance Imaging (fMRI): Use of a Clusterâ€Size Threshold. Magnetic Resonance in Medicine, 1995, 33, 636-647.	3.0	3,030
117	Hemispheric differences in neural systems for face working memory: A PET-rCBF study. Human Brain Mapping, 1995, 3, 68-82.	3.6	201
118	Regional cerebral blood flow during object naming and word reading. Human Brain Mapping, 1995, 3, 93-106.	3.6	367
119	Regional cerebral activity associated with the incidental processing of pseudo-words. Human Brain Mapping, 1995, 3, 153-160.	3.6	40
120	Clustered pixels analysis for functional MRI activation studies of the human brain. Human Brain Mapping, 1995, 3, 287-301.	3.6	333
121	The effect of the muscarinic antagonist scopolamine on regional cerebral blood flow during the performance of a memory task. Experimental Brain Research, 1995, 104, 337-48.	1.5	54
122	Complications in the Use of the SPM χ2 Statistic. Journal of Cerebral Blood Flow and Metabolism, 1995, 15, 895-896.	4.3	5
123	Commentary and Opinion: I. Principal Component Analysis, Variance Partitioning, and "Functional Connectivity― Journal of Cerebral Blood Flow and Metabolism, 1995, 15, 353-360.	4.3	61
124	Commentary and Opinion: II. Statistical Parametric Mapping: Ontology and Current Issues. Journal of Cerebral Blood Flow and Metabolism, 1995, 15, 361-370.	4.3	253
125	Commentary and Opinion: III. Some Nonontological and Functionally Unconnected Views on Current Issues in the Analysis of PET Datasets. Journal of Cerebral Blood Flow and Metabolism, 1995, 15, 371-377.	4.3	24
126	Analysis of PET Neurofunctional Mapping Studies. Journal of Cerebral Blood Flow and Metabolism, 1995, 15, 492-504.	4.3	7
127	Principal Component Analysis and the Scaled Subprofile Model Compared to Intersubject Averaging and Statistical Parametric Mapping: I. "Functional Connectivity―of the Human Motor System Studied with [150]Water PET. Journal of Cerebral Blood Flow and Metabolism, 1995, 15, 738-753.	4.3	102
128	Brain stem activation in spontaneous human migraine attacks. Nature Medicine, 1995, 1, 658-660.	30.7	1,335

#	Article	IF	CITATIONS
129	Brain regions associated with retrieval of structurally coherent visual information. Nature, 1995, 376, 587-590.	27.8	277
130	Modulation of conscious experience by peripheral sensory stimuli. Nature, 1995, 376, 778-781.	27.8	154
131	Visualizing the evolution of abnormal metabolic networks in the brain using PET. Computerized Medical Imaging and Graphics, 1995, 19, 295-306.	5.8	23
132	Physiological activation of a cortical network during performance of the Wisconsin Card Sorting Test: A positron emission tomography study. Neuropsychologia, 1995, 33, 1027-1046.	1.6	498
133	Functional anatomy of the mental representation of upper extremity movements in healthy subjects. Journal of Neurophysiology, 1995, 73, 373-386.	1.8	862
134	Brain systems for encoding and retrieval of auditory—verbal memory. An in vivo study in humans. Brain, 1995, 118, 401-416.	7.6	442
135	Self-initiated versus externally triggered movements. Brain, 1995, 118, 913-933.	7.6	980
136	A Positron Emission Tomography Study of Cerebral Activation Associated With Essential and Writing Tremor. Archives of Neurology, 1995, 52, 299-305.	4.5	144
137	Regional cerebral blood flow during a self-paced sequential finger opposition task in patients with cerebellar degeneration. Brain, 1995, 118, 379-393.	7.6	133
138	Cortical Metabolic Activation in Humans during a Visual Memory Task. Cerebral Cortex, 1995, 5, 205-214.	2.9	85
139	Imaging the head: functional imaging Journal of Neurology, Neurosurgery and Psychiatry, 1995, 58, 132-144.	1.9	11
140	[¹⁸ F]FDG PET Study in Obsessive–Compulsive Disorder. British Journal of Psychiatry, 1995, 166, 244-250.	2.8	307
141	Altered frontostriatal relationship in unmedicated schizophrenic patients. Psychiatry Research - Neuroimaging, 1995, 61, 161-171.	1.8	25
142	Electrical stimulation of precentral cortical area in the treatment of central pain: electrophysiological and PET study. Pain, 1995, 62, 275-286.	4.2	238
143	Cognitive brain potentials and regional cerebral blood flow equivalents during two- and three-sound auditory "oddball tasks― Electroencephalography and Clinical Neurophysiology, 1995, 95, 434-443.	0.3	72
144	Abnormal brain glucose metabolism in the delusional misidentification syndromes: A positron emission tomography study in Alzheimer disease. Biological Psychiatry, 1995, 38, 438-449.	1.3	114
145	The role of the basal ganglia in motor control: contributions from PET. Journal of the Neurological Sciences, 1995, 128, 1-13.	0.6	152
146	Discrete Cortical Regions Associated with Knowledge of Color and Knowledge of Action. Science, 1995, 270, 102-105.	12.6	1,173

#	Article	IF	Citations
147	The physiology of coloured hearing A PET activation study of colour-word synaesthesia. Brain, 1995, 118, 661-676.	7.6	205
148	Quantitative validation of a new coregistration algorithm. IEEE Transactions on Nuclear Science, 1995, 42, 1377-1382.	2.0	0
149	Auditory cortex activity changes in long-term sensorineural deprivation during crude cochlear electrical stimulation: Evaluation by positron emission tomography. Hearing Research, 1995, 86, 34-42.	2.0	35
150	Activation of Human Hippocampal Formation During Memory for Faces: A Pet Study. Cortex, 1995, 31, 99-108.	2.4	187
151	Brain Representation of Active and Passive Movements. NeuroImage, 1996, 4, 105-110.	4.2	334
152	Adult Age Differences in Regional Cerebral Blood Flow during Visual Word Identification: Evidence from H2150 PET. NeuroImage, 1996, 3, 127-142.	4.2	109
153	Brain Activation Induced by Estimation of Duration: A PET Study. NeuroImage, 1996, 3, 119-126.	4.2	189
154	Normalizing Counts and Cerebral Blood Flow Intensity in Functional Imaging Studies of the Human Brain. Neurolmage, 1996, 3, 175-184.	4.2	60
155	Cerebral blood flow activation and functional lesions in schizophrenia. Schizophrenia Research, 1996, 19, 129-140.	2.0	33
156	The Effect of Varying Stimulus Rate and Duration on Brain Activity during Reading. NeuroImage, 1996, 3, 40-52.	4.2	172
157	Isolating the Mnemonic Component in Spatial Delayed Response: A Controlled PET15O-Labeled Water Regional Cerebral Blood Flow Study in Normal Humans. NeuroImage, 1996, 3, 69-78.	4.2	51
158	Brain metabolism patterns are sensitive to attentional effort associated with a tone recognition task. Biological Psychiatry, 1996, 39, 1013-1022.	1.3	10
159	Gender differences in regional cerebral blood flow during transient self-induced sadness or happiness. Biological Psychiatry, 1996, 40, 859-871.	1.3	204
160	The Neural Correlates of Inner Speech and Auditory Verbal Imagery in Schizophrenia: Relationship to Auditory Verbal Hallucinations. British Journal of Psychiatry, 1996, 169, 148-159.	2.8	236
161	Task dependency of visual processing in the human visual system. Behavioural Brain Research, 1996, 76, 215-223.	2.2	56
162	Studies of working memory using 18FDG-positron emission tomography in normal controls and subjects with epilepsy. Life Sciences, 1996, 58, 2057-2064.	4.3	13
163	Object and Spatial Visual Working Memory Activate Separate Neural Systems in Human Cortex. Cerebral Cortex, 1996, 6, 39-49.	2.9	836
164	Effects of four normalizing methods on data analytic results in functional brain imaging. Biological Psychiatry, 1996, 40, 1106-1121.	1.3	17

#	ARTICLE	IF	Citations
165	Neuroanatomical Correlates of Veridical and Illusory Recognition Memory: Evidence from Positron Emission Tomography. Neuron, 1996, 17, 267-274.	8.1	258
166	The neural correlates of intentional learning of verbal materials: A PET study in humans. Cognitive Brain Research, 1996, 4, 243-249.	3.0	156
167	Quantitative Comparison of Functional Magnetic Resonance Imaging with Positron Emission Tomography Using a Force-Related Paradigm. NeuroImage, 1996, 4, 201-209.	4.2	97
168	Signal-to-noise ratio in neuro activation PET studies. IEEE Transactions on Medical Imaging, 1996, 15, 197-205.	8.9	13
169	Positron emission tomography study of voluntary saccadic eye movements and spatial working memory. Journal of Neurophysiology, 1996, 75, 454-468.	1.8	638
170	Is developmental dyslexia a disconnection syndrome?. Brain, 1996, 119, 143-157.	7.6	573
171	Functional neuroanatomy of verbal self-monitoring. Brain, 1996, 119, 907-917.	7.6	276
172	Abnormal saccadic distractibility in patients with schizophrenia: a ^{99m} Tc-HMPAO SPET study. Psychological Medicine, 1996, 26, 265-277.	4.5	57
173	In Vivo Imaging of Human Limbic Responses to Nitrous Oxide Inhalation. Anesthesia and Analgesia, 1996, 83, 291-298.	2.2	29
174	Human Brain Activity Response to Fentanyl Imaged by Positron Emission Tomography. Anesthesia and Analgesia, 1996, 82, 1247-1251.	2.2	9
175	Regional brain activity during working memory tasks. Brain, 1996, 119, 1617-1625.	7.6	304
176	In Vivo Imaging of Human Limbic Responses to Nitrous Oxide Inhalation. Anesthesia and Analgesia, 1996, 83, 291-298.	2.2	35
177	Human Brain Activity Response to Fentanyl Imaged by Positron Emission Tomography. Anesthesia and Analgesia, 1996, 82, 1247-1251.	2.2	124
178	Face encoding and recognition in the human brain Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 922-927.	7.1	480
179	Neural systems engaged by planning: a PET study of the Tower of London task. Neuropsychologia, 1996, 34, 515-526.	1.6	574
180	A fronto-parietal network for rapid visual information processing: a PET study of sustained attention and working memory. Neuropsychologia, 1996, 34, 1085-1095.	1.6	513
181	Motor imageryâ€"Anatomical representation and electrophysiological characteristics. Neurochemical Research, 1996, 21, 1105-1116.	3.3	45
182	Effect of Valproate on Cerebral Metabolism and Blood Flow: An 18F-2-Deoxyglusose and 150 Water Positron Emission Tomography Study. Epilepsia, 1996, 37, 515-521.	5.1	110

#	Article	IF	CITATIONS
183	The effect of ethanol on alcohol-responsive essential tremor: A positron emission tomography study. Annals of Neurology, 1996, 39, 650-658.	5.3	209
184	Benzodiazepine receptors in focal epilepsy with cortical dysgenesis: An11C-flumazenil PET study. Annals of Neurology, 1996, 40, 188-198.	5.3	137
185	Contributions of the mesial frontal cortex to the premovement potentials associated with intermittent hand movements in humans., 1996, 4, 1-22.		35
186	A unified statistical approach for determining significant signals in images of cerebral activation. Human Brain Mapping, 1996, 4, 58-73.	3.6	2,394
187	Searching scale space for activation in PET images. Human Brain Mapping, 1996, 4, 74-90.	3.6	237
188	Within-subject transformations of PET regional cerebral blood flow data: ANCOVA, ratio, and Z-score adjustments on empirical data., 1996, 4, 93-102.		22
189	Effect of task difficulty on cerebral blood flow during perceptual matching of faces., 1996, 4, 227-239.		102
190	Localization of grasp representations in humans by PET: 1. Observation versus execution. Experimental Brain Research, 1996, 111, 246-52.	1.5	844
191	The sensory guidance of movement: a comparison of the cerebellum and basal ganglia. Experimental Brain Research, 1996, 112, 462-74.	1.5	60
192	Brain activity related to serial cognitive performance resembles circuitry of higher order motor control. Experimental Brain Research, 1996, 109, 136-140.	1.5	40
193	Nonparametric Analysis of Statistic Images from Functional Mapping Experiments. Journal of Cerebral Blood Flow and Metabolism, 1996, 16, 7-22.	4.3	802
194	Frequency-Dependent Changes of Regional Cerebral Blood Flow during Finger Movements. Journal of Cerebral Blood Flow and Metabolism, 1996, 16, 23-33.	4.3	219
195	Neural correlates of category-specific knowledge. Nature, 1996, 379, 649-652.	27.8	1,621
196	Activation of the primary visual cortex by Braille reading in blind subjects. Nature, 1996, 380, 526-528.	27.8	1,170
197	Assumptions and Validations of Statistical Tests for Functional Neuroimaging. European Journal of Neuroscience, 1996, 8, 2232-2235.	2.6	11
198	Pain Processing in Four Regions of Human Cingulate Cortex Localized with Coâ€registered PET and MR Imaging. European Journal of Neuroscience, 1996, 8, 1461-1473.	2.6	366
199	Functional Magnetic Resonance Imaging of Symptom Provocation in Obsessive-compulsive Disorder. Archives of General Psychiatry, 1996, 53, 595.	12.3	589
200	Novelty and Familiarity Activations in PET Studies of Memory Encoding and Retrieval. Cerebral Cortex, 1996, 6, 71-79.	2.9	606

#	Article	IF	CITATIONS
201	Active Representation of Shape and Spatial Location in Man. Cerebral Cortex, 1996, 6, 612-619.	2.9	190
202	Silent Ischemia as a Central Problem: Regional Brain Activation Compared in Silent and Painful Myocardial Ischemia. Annals of Internal Medicine, 1996, 124, 939.	3.9	178
203	Functional anatomy of inner speech and auditory verbal imagery. Psychological Medicine, 1996, 26, 29-38.	4.5	285
204	Regional Cerebral Blood Flow in Schizophrenia and the Local Circuit Neurons Hypothesis. Schizophrenia Bulletin, 1996, 22, 163-182.	4.3	26
205	Understanding Emotional Prosody Activates Right Hemisphere Regions. Archives of Neurology, 1996, 53, 665-670.	4.5	248
206	Methods for the correction of vascular artifacts in PET O-15 water brain-mapping studies. IEEE Transactions on Nuclear Science, 1996, 43, 3308-3314.	2.0	4
207	Demonstrating the Implicit Processing of Visually Presented Words and Pseudowords. Cerebral Cortex, 1996, 6, 62-70.	2.9	538
208	Functional Topography: Multidimensional Scaling and Functional Connectivity in the Brain. Cerebral Cortex, 1996, 6, 156-164.	2.9	262
209	Frontal lobe dysfunction in amyotrophic lateral sclerosis. Brain, 1996, 119, 2105-2120.	7.6	259
210	Noun and verb retrieval by normal subjects Studies with PET. Brain, 1996, 119, 159-179.	7.6	661
211	Cerebral benzodiazepine receptors in hippocampal sclerosis. Brain, 1996, 119, 1677-1687.	7.6	122
212	Anterior Paralimbic Mediation of Procaine-Induced Emotional and Psychosensory Experiences. Archives of General Psychiatry, 1996, 53, 59.	12.3	195
213	Cochlear implant efficiency in pre- and postlingually deaf subjects: A study with H215O and PET. Brain, 1996, 119, 1297-1306.	7.6	60
214	Neuroanatomical correlates of externally and internally generated human emotion. American Journal of Psychiatry, 1997, 154, 918-925.	7.2	667
215	The kinetic occipital region in human visual cortex. Cerebral Cortex, 1997, 7, 283-292.	2.9	178
216	Regional cerebral blood flow throughout the sleep-wake cycle. An H2(15)O PET study. Brain, 1997, 120, 1173-1197.	7.6	1,089
217	Association of ketamine-induced psychosis with focal activation of the prefrontal cortex in healthy volunteers. American Journal of Psychiatry, 1997, 154, 805-811.	7.2	380
218	Neuroanatomical correlates of happiness, sadness, and disgust. American Journal of Psychiatry, 1997, 154, 926-933.	7.2	670

#	Article	IF	CITATIONS
219	Cortical grey matter and benzodiazepine receptors in malformations of cortical development. A voxel-based comparison of structural and functional imaging data. Brain, 1997, 120, 1961-1973.	7.6	99
220	Optimum activity levels of /sup 15 /O-water to map human brain function with the ECAT HR+. , 0, , .		0
221	Regional Brain Activity Changes Associated with Fentanyl Analgesia Elucidated by Positron Emission Tomography. Anesthesia and Analgesia, 1997, 84, 120-126.	2.2	64
222	Functional Neuroanatomy of Human Slow Wave Sleep. Journal of Neuroscience, 1997, 17, 2807-2812.	3. 6	534
223	Blunted left cingulate activation in mood disorder subjects during a response interference task (the) Tj ETQq0 0 C) rgBT /Ov	erlock 10 Tf 5
224	Regional Brain Activity Changes Associated with Fentanyl Analgesia Elucidated by Positron Emission Tomography. Anesthesia and Analgesia, 1997, 84, 120-126.	2.2	134
225	In Vivo Imaging of Nitrous Oxide-induced Changes in Cerebral Activation during Noxious Heat Stimuli. Anesthesiology, 1997, 86, 538-548.	2.5	28
226	Evidence for lateral premotor and parietal overactivity in Parkinson's disease during sequential and bimanual movements. A PET study. Brain, 1997, 120, 963-976.	7.6	351
227	Chapter 34 Cerebellar somatotopic representation and cerebro-cerebellar interconnections in ataxic patients. Progress in Brain Research, 1997, 114, 577-588.	1.4	11
228	Characterization of dynamic 3-D PET imaging for functional brain mapping. IEEE Transactions on Medical Imaging, 1997, 16, 261-269.	8.9	11
229	Quantitative 3D data extraction using contiguous volumes. IEEE Transactions on Nuclear Science, 1997, 44, 1571-1577.	2.0	3
230	Empirical Analyses of BOLD fMRI Statistics. Neurolmage, 1997, 5, 199-212.	4.2	279
231	Visuomotor Transformations for Reaching to Memorized Targets: A PET Study. NeuroImage, 1997, 5, 129-146.	4.2	126
232	The Activity in Human Areas V1/V2, V3, and V5 during the Perception of Coherent and Incoherent Motion. Neurolmage, 1997, 5, 1-12.	4.2	147
233	The effect of movement frequency on cerebral activation: a positron emission tomography study. Journal of the Neurological Sciences, 1997, 151, 195-205.	0.6	83
234	1519 Role of the supplementary motor area and the right premotor cortex in coordination of bimanual finger movements. Neuroscience Research, 1997, 28, S187.	1.9	4
235	How to Estimate Global Activity Independent of Changes in Local Activity. NeuroImage, 1997, 6, 237-244.	4.2	101
236	Empirical Analyses of BOLD fMRI Statistics. Neurolmage, 1997, 5, 179-197.	4.2	658

#	Article	IF	CITATIONS
237	Optical Imaging of Brain Function and Metabolism 2. Advances in Experimental Medicine and Biology, 1997, , .	1.6	9
238	Lateralized Changes in Regional Cerebral Blood Flow during Performance of Verbal and Facial Recognition Tasks: Correlations with Performance and "Effort― Brain and Cognition, 1997, 33, 388-414.	1.8	56
239	PET brain mapping study of auditory verbal supraspan memory versus visual fixation in schizophrenia. Biological Psychiatry, 1997, 41, 33-42.	1.3	47
240	Pain processing during three levels of noxious stimulation produces differential patterns of central activity. Pain, 1997, 73, 431-445.	4.2	547
241	Multiple Nonprimary Motor Areas in the Human Cortex. Journal of Neurophysiology, 1997, 77, 2164-2174.	1.8	451
242	Depressed Subjects Have Decreased rCBF Activation During Facial Emotion Recognition. CNS Spectrums, 1997, 2, 45-55.	1.2	5
243	Abnormal Access of Axial Vibrotactile Input to Deafferented Somatosensory Cortex in Human Upper Limb Amputees. Journal of Neurophysiology, 1997, 77, 2753-2764.	1.8	71
244	Neuroimaging in Affective Disorders: Accomplishments and Shortfalls. Child and Adolescent Psychiatric Clinics of North America, 1997, 6, 413-430.	1.9	2
245	The Noninvasive Identification of Language Function. Neurosurgery Clinics of North America, 1997, 8, 321-335.	1.7	17
246	Anatomy of Motor Learning. II. Subcortical Structures and Learning by Trial and Error. Journal of Neurophysiology, 1997, 77, 1325-1337.	1.8	420
247	Lateralization and Behavioral Correlation of Changes in Regional Cerebral Blood Flow With Classical Conditioning of the Human Eyeblink Response. Journal of Neurophysiology, 1997, 77, 2153-2163.	1.8	147
248	Cortical control of movement in Huntington's disease. A PET activation study. Brain, 1997, 120, 1569-1578.	7.6	72
249	Role of the Supplementary Motor Area and the Right Premotor Cortex in the Coordination of Bimanual Finger Movements. Journal of Neuroscience, 1997, 17, 9667-9674.	3.6	311
250	Anatomy of Motor Learning. I. Frontal Cortex and Attention to Action. Journal of Neurophysiology, 1997, 77, 1313-1324.	1.8	580
251	Human Brain Activity Related to Orientation Discrimination Tasks. European Journal of Neuroscience, 1997, 9, 246-259.	2.6	55
252	Relative Changes in Regional Cerebral Blood Flow During Spinal Cord Stimulation in Patients with Refractory Angina Pectoris. European Journal of Neuroscience, 1997, 9, 1178-1183.	2.6	84
253	The Neural Correlates of the Noradrenergic Modulation of Human Attention, Arousal and Learning. European Journal of Neuroscience, 1997, 9, 589-598.	2.6	96
254	Optimization of Noninvasive Activation Studies with 150-Water and Three-Dimensional Positron Emission Tomography. Journal of Cerebral Blood Flow and Metabolism, 1997, 17, 732-739.	4.3	22

#	ARTICLE	IF	CITATIONS
255	The functional anatomy of verbal initiation and suppression using the Hayling Test. Neuropsychologia, 1997, 35, 559-566.	1.6	134
256	Neuroanatomical correlates of pleasant and unpleasant emotion. Neuropsychologia, 1997, 35, 1437-1444.	1.6	778
257	Regulation of cerebral blood flow response to somatosensory stimulation through the cholinergic system: a positron emission tomography study in unanesthetized monkeys. Brain Research, 1997, 749, 10-17.	2.2	39
258	Decrease in parietal cerebral hemoglobin oxygenation during performance of a verbal fluency task in patients with Alzheimer's disease monitored by means of near-infrared spectroscopy (NIRS) $\hat{a} \in \mathcal{C}$ correlation with simultaneous rCBF-PET measurements. Brain Research, 1997, 755, 293-303.	2,2	356
259	Forebrain activation in REM sleep: an FDG PET study. Brain Research, 1997, 770, 192-201.	2.2	615
260	Matching of digitised brain atlas to magnetic resonance images. Medical and Biological Engineering and Computing, 1997, 35, 239-245.	2.8	8
261	The role of posterior parietal cortex in visually guided reaching movements in humans. Experimental Brain Research, 1997, 114, 170-183.	1.5	138
262	Cortical reorganization in patients with facial palsy. Annals of Neurology, 1997, 41, 621-630.	5.3	139
263	Statistical methods in functional magnetic resonance imaging with respect to nonstationary time-series: Auditory cortex activity. Magnetic Resonance in Medicine, 1997, 38, 811-820.	3.0	39
264	A PET study on cortical and subcortical control of pelvic floor musculature in women. Journal of Comparative Neurology, 1997, 389, 535-544.	1.6	129
265	Modulation of human medial temporal lobe activity by form, meaning, and experience., 1997, 7, 587-593.		125
266	Functional anatomy of verbal and visuospatial span tasks in Alzheimer's disease. Human Brain Mapping, 1997, 5, 110-118.	3.6	32
267	Regional cerebral blood flow during word and nonword reading. Human Brain Mapping, 1997, 5, 84-92.	3.6	251
268	Selective and divided visual attention: Age-related changes in regional cerebral blood flow measured by H215O PET., 1997, 5, 389-409.		86
269	Neural activation during acute capsaicin-evoked pain and allodynia assessed with PET. Brain, 1998, 121, 931-947.	7.6	347
270	Central cancellation of self-produced tickle sensation. Nature Neuroscience, 1998, 1, 635-640.	14.8	1,195
271	Minding the body. Psychophysiology, 1998, 35, 135-150.	2.4	48
272	Changing patterns of brain activation during maze learning. Brain Research, 1998, 793, 29-38.	2.2	42

#	Article	IF	CITATIONS
273	How do we predict the consequences of our actions? a functional imaging study. Neuropsychologia, 1998, 36, 521-529.	1.6	150
274	Monitoring for target objects: activation of right frontal and parietal cortices with increasing time on task. Neuropsychologia, 1998, 36, 1325-1334.	1.6	206
275	Neural correlates of semantic and episodic memory retrieval. Neuropsychologia, 1998, 37, 103-118.	1.6	204
276	Increased activation of frontal areas during arm movement in idiopathic torsion dystonia. Movement Disorders, 1998, 13, 309-318.	3.9	97
277	Cerebral blood flow changes in the primary motor and premotor cortices during hyperventilation. Annals of Nuclear Medicine, 1998, 12, 29-33.	2.2	12
278	Resting state rCBF mapping with single-photon emission tomography and positron emission tomography: magnitude and origin of differences. European Journal of Nuclear Medicine and Molecular Imaging, 1998, 25, 157-165.	6.4	16
279	Cerebral effects of nicotine during cognition in smokers and non-smokers. Psychopharmacology, 1998, 136, 179-189.	3.1	97
280	Human brain activity related to speed discrimination tasks. Experimental Brain Research, 1998, 122, 9-22.	1.5	48
281	Regions in the human brain activated by simultaneous orientation discrimination: a study with positron emission tomography. European Journal of Neuroscience, 1998, 10, 3689-3699.	2.6	34
282	The neuronal machinery involved in successive orientation discrimination. Progress in Neurobiology, 1998, 55, 117-147.	5.7	37
283	Cerebral Networks and Functional Brain Asymmetry: Evidence from Regional Metabolic Changes during Word Repetition. Brain and Language, 1998, 63, 108-121.	1.6	32
284	A method for the assessment of the functional neuroanatomy of human sleep using FDG PET. Brain Research Protocols, 1998, 2, 191-198.	1.6	122
285	Cortical Networks Implicated in Semantic and Episodic Memory: Common or Unique?. Cortex, 1998, 34, 547-561.	2.4	34
286	Effects of Healthy Aging on the Regional Cerebral Metabolic Rate of Glucose Assessed with Statistical Parametric Mapping. Neurolmage, 1998, 7, 176-184.	4.2	211
287	Statistical analysis of normal and abnormal dissymmetry in volumetric medical images. , 0, , .		6
288	Mapping Voxel-Based Statistical Power on Parametric Images. NeuroImage, 1998, 7, 97-107.	4.2	42
289	The Inferential Impact of Global Signal Covariates in Functional Neuroimaging Analyses. NeuroImage, 1998, 8, 302-306.	4.2	212
290	Influence of ANOVA Design and Anatomical Standardization on Statistical Mapping for PET Activation. Neurolmage, 1998, 8, 283-301.	4.2	19

#	Article	IF	Citations
291	Differential Activation of Right Superior Parietal Cortex and Intraparietal Sulcus by Spatial and Nonspatial Attention. NeuroImage, 1998, 8, 176-187.	4.2	167
292	¹¹ C-flumazenil PET in neocortical epilepsy. Neurology, 1998, 51, 485-492.	1.1	87
293	Neuroanatomical Correlates of Human Reasoning. Journal of Cognitive Neuroscience, 1998, 10, 293-302.	2.3	294
294	Cerebral activation in malformations of cortical development. Brain, 1998, 121, 1295-1304.	7.6	69
295	PET activation of the medial temporal lobe in learning. Brain, 1998, 121, 875-887.	7.6	84
296	Alcohol activates the cerebral reward system in man Journal of Studies on Alcohol and Drugs, 1998, 59, 258-269.	2.3	43
297	Neural networks for Braille reading by the blind. Brain, 1998, 121, 1213-1229.	7.6	299
298	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. Journal of Neuroscience, 1998, 18, 7426-7435.	3. 6	1,122
299	Bilateral Representation of Language Function. Journal of Neuroimaging, 1998, 8, 246-249.	2.0	17
300	Site of Opioid Action in the Human Brain: Mu and Kappa Agonists' Subjective and Cerebral Blood Flow Effects. American Journal of Psychiatry, 1998, 155, 470-473.	7.2	137
301	Where the imaginal appears real: A positron emission tomography study of auditory hallucinations. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 1956-1960.	7.1	220
302	The functional neuroanatomy of simple and complex sequential finger movements: a PET study. Brain, 1998, 121, 253-264.	7.6	356
303	Positron Emission Tomography Studies in Movement Disorders. Neurosurgery Clinics of North America, 1998, 9, 263-282.	1.7	17
304	Relatively Preserved Hippocampal Glucose Metabolism in Mild Alzheimer's Disease. Dementia and Geriatric Cognitive Disorders, 1998, 9, 317-322.	1.5	51
305	Cerebral cortical hyperactivation in response to mental stress in patients with coronary artery disease. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 6454-6459.	7.1	107
306	A PET study of sequential finger movements of varying length in patients with Parkinson's disease. Brain, 1999, 122, 483-495.	7.6	207
307	Context-dependent, neural system-specific neurophysiological concomitants of ageing: mapping PET correlates during cognitive activation. Brain, 1999, 122, 963-979.	7.6	200
308	A functional neuroimaging study of the variables that generate category-specific object processing differences. Brain, 1999, 122, 943-962.	7.6	292

#	Article	IF	Citations
309	Mapping the network for planning: a correlational PET activation study with the Tower of London task. Brain, 1999, 122, 1973-1987.	7.6	368
310	Deficient activation of the motor cortical network in patients with writer's cramp. Neurology, 1999, 53, 96-96.	1.1	250
311	Cortical Regions Associated with Perceiving, Naming, and Knowing about Colors. Journal of Cognitive Neuroscience, 1999, 11, 25-35.	2.3	250
312	Regional Specific Changes of Cerebral Metabolism in Systemic Lupus erythematosus Identified by Positron Emission Tomography. European Neurology, 1999, 41, 187-193.	1.4	12
313	Sensory processing in Parkinson's and Huntington's disease. Brain, 1999, 122, 1651-1665.	7.6	195
314	Neuropharmacology and Receptor Studies in the Elderly. Journal of Geriatric Psychiatry and Neurology, 1999, 12, 137-149.	2.3	9
315	Principal component analysis of the dynamic response measured by fMRI: a generalized linear systems framework. Magnetic Resonance Imaging, 1999, 17, 795-815.	1.8	215
316	Measurement of Changes in Opioid Receptor Binding in Vivo During Trigeminal Neuralgic Pain Using [11C]Diprenorphine and Positron Emission Tomography. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 803-808.	4.3	99
317	Multiresolution Analysis of Emission Tomography Images in the Wavelet Domain. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 1189-1208.	4.3	116
318	Cerebral responses to pain in patients suffering acute post-dental extraction pain measured by positron emission tomography (PET). European Journal of Pain, 1999, 3, 103-113.	2.8	45
319	Clinical doses of fluoxetine and cerebral blood flow in healthy volunteers. Psychopharmacology, 1999, 143, 24-28.	3.1	30
320	Dissociating neuromodulatory effects of diazepam on episodic memory encoding and executive function. Psychopharmacology, 1999, 145, 213-222.	3.1	39
321	A fronto-parietal system for computing the egocentric spatial frame of reference in humans. Experimental Brain Research, 1999, 124, 281-286.	1.5	219
322	Cortical control of optokinetic nystagmus in humans: a positron emission tomography study. Experimental Brain Research, 1999, 126, 149-159.	1.5	34
323	Gender effects on odor-stimulated functional magnetic resonance imaging. Brain Research, 1999, 818, 480-487.	2.2	157
324	Mapping of secondary somatosensory cortex activation induced by vibrational stimulation: an fMRI study. Brain Research, 1999, 824, 291-295.	2.2	72
325	Adult age differences in the functional neuroanatomy of verbal recognition memory. Human Brain Mapping, 1999, 7, 115-135.	3.6	263
326	On two methods of statistical image analysis. Human Brain Mapping, 1999, 8, 245-258.	3.6	9

#	Article	IF	Citations
327	Noradrenergically Mediated Plasticity in a Human Attentional Neuronal Network. NeuroImage, 1999, 10, 705-715.	4.2	150
328	Verb Generation in Japanese—A Multicenter PET Activation Study. Neurolmage, 1999, 9, 154-164.	4.2	16
330	The Neural Correlates of Updating Information in Verbal Working Memory. Memory, 1999, 7, 549-561.	1.7	55
331	Rapid Quantitative Analysis of Individual 18FDG-PET Scans. Molecular Imaging and Biology, 1999, 2, 47-56.	0.3	13
332	Changes in forebrain function from waking to REM sleep in depression: preliminary analyses [of 18F]FDG PET studies. Psychiatry Research - Neuroimaging, 1999, 91, 59-78.	1.8	89
333	Regional brain activity during tasks devoted to the central executive of working memory. Cognitive Brain Research, 1999, 7, 411-417.	3.0	128
334	The distribution of cerebral activity related to visuomotor coordination indicating perceptual and executional specialization. Cognitive Brain Research, 1999, 8, 45-59.	3.0	45
335	Electrical stimulation of motor cortex for pain control: a combined PET-scan and electrophysiological study. Pain, 1999, 83, 259-273.	4.2	473
336	PET imaging of cochlear-implant and normal-hearing subjects listening to speech and nonspeech. Hearing Research, 1999, 132, 34-42.	2.0	63
337	Functional neuroanatomy of hypnotic state. Biological Psychiatry, 1999, 45, 327-333.	1.3	220
338	Baseline cerebral hypermetabolism associated with carbamazepine response, and hypometabolism with nimodipine response in mood disorders. Biological Psychiatry, 1999, 46, 1364-1374.	1.3	73
339	Rapid Assessment of Regional Cerebral Metabolic Abnormalities in Single Subjects with Quantitative and Nonquantitative [18F]FDG PET: A Clinical Validation of Statistical Parametric Mapping. NeuroImage, 1999, 9, 63-80.	4.2	264
340	Effect of Familiarity on the Processing of Human Faces. Neurolmage, 1999, 9, 278-289.	4.2	185
341	Voxel-by-Voxel Comparison of Automatically Segmented Cerebral Gray Matter—A Rater-Independent Comparison of Structural MRI in Patients with Epilepsy. NeuroImage, 1999, 10, 373-384.	4.2	185
342	Functional Neuroanatomy of Semantic Memory: Recognition of Semantic Associations. NeuroImage, 1999, 9, 88-96.	4.2	73
343	The Cerebellum Contributes to Somatosensory Cortical Activity during Self-Produced Tactile Stimulation. NeuroImage, 1999, 10, 448-459.	4.2	183
344	A FAIR Study of Motor Cortex Activation under Normo- and Hypercapnia Induced by Breath Challenge. NeuroImage, 1999, 10, 562-569.	4.2	37
345	Neuronal Mechanisms of Perceptual Learning: Changes in Human Brain Activity with Training in Orientation Discrimination. Neurolmage, 1999, 9, 46-62.	4.2	136

#	Article	IF	Citations
346	A Study of Injected Dose for Brain Mapping on the ECAT HR+: Activation Maps for a Parametric Verbal Working Memory Task. NeuroImage, 1999, 9, 145-153.	4.2	5
347	The Sensory Somatotopic Map of the Human Hand Demonstrated at 4 Tesla. NeuroImage, 1999, 10, 55-62.	4.2	181
348	Statistical limitations in functional neuroimaging. I. Non-inferential methods and statistical models. Philosophical Transactions of the Royal Society B: Biological Sciences, 1999, 354, 1239-1260.	4.0	112
349	Statistical limitations in functional neuroimaging II. Signal detection and statistical inference. Philosophical Transactions of the Royal Society B: Biological Sciences, 1999, 354, 1261-1281.	4.0	154
350	Pain and functional imaging. Philosophical Transactions of the Royal Society B: Biological Sciences, 1999, 354, 1347-1358.	4.0	218
351	A Positron Emission Tomography (PET) Study of Autobiographical Memory Retrieval. Memory, 1999, 7, 679-703.	1.7	156
352	Striatal activation during acquisition of a cognitive skill Neuropsychology, 1999, 13, 564-574.	1.3	369
353	Abnormal cerebral structure in juvenile myoclonic epilepsy demonstrated with voxel-based analysis of MRI. Brain, 1999, 122, 2101-2108.	7.6	302
354	Chapter 14 Non-invasive in vivo imaging of transplant function. Progress in Brain Research, 2000, 127, 321-332.	1.4	4
355	Extramotor involvement in ALS: PET studies with the GABAA ligand [11C]flumazenil. Brain, 2000, 123, 2289-2296.	7.6	166
356	Neural Mechanisms of Antinociceptive Effects of Hypnosis. Anesthesiology, 2000, 92, 1257-1267.	2.5	326
357	Robust estimation of the probabilities of 3-D clusters in functional brain images: Application to PET data., 2000, 9, 143-155.		13
358	Sensory tricks in cervical dystonia: Perceptual dysbalance of parietal cortex modulates frontal motor programming. Annals of Neurology, 2000, 47, 322-328.	5.3	192
359	Functional neuroanatomy of human sleep states after zolpidem and placebo: A H215O-PET study. Journal of Sleep Research, 2000, 9, 161-173.	3.2	40
360	Functional neuroimaging of normal human sleep by positron emission tomography. Journal of Sleep Research, 2000, 9, 207-231.	3.2	638
361	Statistical analysis of normal and abnormal dissymmetry in volumetric medical images. Medical Image Analysis, 2000, 4, 111-121.	11.6	54
362	Regional Differences in Cerebral Vascular Response to P _a <scp>co</scp> ₂ Changes in Humans Measured by Positron Emission Tomography. Journal of Cerebral Blood Flow and Metabolism, 2000, 20, 1264-1270.	4.3	121
363	The Effects of an Alpha-2 Adrenergic Agonist, Guanfacine, on rCBF in Human Cortex in Normal Controls and Subjects with Focal Epilepsy. Neuropsychopharmacology, 2000, 23, 263-275.	5.4	26

#	Article	IF	Citations
364	Functional brain areas used for the lifting of objects using a precision grip: a PET study. Brain Research, 2000, 857, 119-130.	2.2	49
365	Activity in Human Frontal Cortex Associated with Spatial Working Memory and Saccadic Behavior. Journal of Cognitive Neuroscience, 2000, 12, 2-14.	2.3	140
366	Prefrontal cortical hypometabolism during low-dose interferon alpha treatment. Psychopharmacology, 2000, 152, 383-389.	3.1	138
367	Long-term changes of GABAergic function in the sensorimotor cortex of amputees. Experimental Brain Research, 2000, 133, 552-556.	1.5	30
368	Activation of the cerebellum in co-ordinated eye and hand tracking movements: an fMRI study. Experimental Brain Research, 2000, 135, 22-33.	1.5	96
369	SPECT in Focal Epilepsies. Behavioural Neurology, 2000, 12, 69-75.	2.1	10
370	Midazolam decreases cerebral blood flow in the left prefrontal cortex in a dose-dependent fashion. International Journal of Neuropsychopharmacology, 2000, 3, 117-127.	2.1	54
371	Movement Disorders: Parkinson's Disease. , 2000, , 241-261.		11
372	Functional Maps and Brain Networks. , 2000, , 111-139.		7
373	Self-initiated versus externally triggered movements. Brain, 2000, 123, 1216-1228.	7.6	491
374	Reduction of frontal neocortical grey matter associated with affective aggression in patients with temporal lobe epilepsy: an objective voxel by voxel analysis of automatically segmented MRI. Journal of Neurology, Neurosurgery and Psychiatry, 2000, 68, 162-169.	1.9	102
375	Contrasting Cortical and Subcortical Activations Produced by Attentional-Set Shifting and Reversal Learning in Humans. Journal of Cognitive Neuroscience, 2000, 12, 142-162.	2.3	408
376	<sup>11 $<$ sup> C-flumazenil PET in patients with refractory temporal lobe epilepsy and normal MRI. Neurology, 2000, 54, 332-332.	1.1	111
377	Activation of language cortex with automatic speech tasks. Neurology, 2000, 55, 1151-1157.	1.1	145
379	llya Metchinikoff (1845-1908). Journal of Neurology, Neurosurgery and Psychiatry, 2000, 68, 169-169.	1.9	2
380	A possible role of the human cerebellum in conditioning of the jaw-opening reflex. Neuroscience Letters, 2000, 285, 213-217.	2.1	9
381	Movement and Mind: A Functional Imaging Study of Perception and Interpretation of Complex Intentional Movement Patterns. NeuroImage, 2000, 12, 314-325.	4.2	1,141

#	Article	IF	CITATIONS
383	Ketone bodies do not directly alter excitatory or inhibitory hippocampal synaptic transmission. Neurology, 2000, 54, 325-325.	1.1	138
384	Detection of Consistently Task-Related Activations in fMRI Data with Hybrid Independent Component Analysis. NeuroImage, 2000, 11, 24-35.	4.2	158
385	Cortical Activity Related to Accuracy of Letter Recognition. NeuroImage, 2000, 11, 111-123.	4.2	58
386	Event-Related Potentials Correlate with Task-Dependent Glucose Metabolism. NeuroImage, 2000, 11, 517-531.	4.2	4
387	A PET Study of Visuomotor Learning under Optical Rotation. Neurolmage, 2000, 11, 505-516.	4.2	99
388	Gender Difference in Premotor Activity during Active Tactile Discrimination. Neurolmage, 2000, 11, 532-540.	4.2	34
389	The Role of the Dorsolateral Prefrontal Cortex in Random Number Generation: A Study with Positron Emission Tomography. NeuroImage, 2000, 12, 713-725.	4.2	225
390	Statistical Parametric Mapping: Assessment of Application in Children. NeuroImage, 2000, 12, 538-549.	4.2	226
391	The brain-heart axis in the perception of cardiac Pain: the elusive link between ischaemia and pain. Annals of Medicine, 2000, 32, 350-364.	3.8	42
392	Acute effects of thalamotomy and pallidotomy on regional cerebral metabolism, evaluated by PET. Clinical Neurology and Neurosurgery, 2000, 102, 84-90.	1.4	14
393	Removal of Confounding Effects of Global Signal in Functional MRI Analyses. NeuroImage, 2001, 13, 751-758.	4.2	183
394	Effects of mood and subtype on cerebral glucose metabolism in treatment-resistant bipolar disorder. Biological Psychiatry, 2001, 49, 97-109.	1.3	275
395	Regional cerebral blood flow correlated with flashback intensity in patients with posttraumatic stress disorder. Biological Psychiatry, 2001, 50, 246-253.	1.3	182
396	Different uptake of 99mTc-ECD and 99mTc-HMPAO in the same brains: analysis by statistical parametric mapping. European Journal of Nuclear Medicine and Molecular Imaging, 2001, 28, 191-197.	2.1	29
397	Functional Heterogeneity of Inferior Frontal Gyrus Is Shaped by Linguistic Experience. Brain and Language, 2001, 76, 227-252.	1.6	153
398	Does Hypercapnia-Induced Cerebral Vasodilation Modulate the Hemodynamic Response to Neural Activation?. Neurolmage, 2001, 13, 1207-1211.	4.2	100
399	A Global Estimator Unbiased by Local Changes. NeuroImage, 2001, 13, 1193-1206.	4.2	29
400	Estimation of the Number of "True―Null Hypotheses in Multivariate Analysis of Neuroimaging Data. NeuroImage, 2001, 13, 920-930.	4.2	71

#	ARTICLE	IF	CITATIONS
401	Cortical Correlates of Gesture Processing: Clues to the Cerebral Mechanisms Underlying Apraxia during the Imitation of Meaningless Gestures. NeuroImage, 2001, 14, 149-161.	4.2	125
402	The Functional Anatomy of Inhibition Processes Investigated with the Hayling Task. NeuroImage, 2001, 14, 258-267.	4.2	128
403	Continuous Transcranial Magnetic Stimulation during Positron Emission Tomography: A Suitable Tool for Imaging Regional Excitability of the Human Cortex. NeuroImage, 2001, 14, 883-890.	4.2	102
404	Activation in the Ipsilateral Posterior Parietal Cortex during Tool Use: A PET Study. NeuroImage, 2001, 14, 1469-1475.	4.2	68
405	Interactions of prefrontal cortex during eyeblink conditioning as a function of age. Neurobiology of Aging, 2001, 22, 237-246.	3.1	24
406	Effects of bupropion SR on anterior paralimbic function during waking and REM sleep in depression: preliminary findings using [18F]-FDG PET. Psychiatry Research - Neuroimaging, 2001, 106, 95-111.	1.8	33
407	A Pet Study of Human Skill Learning: Changes in Brain Activity Related to Learning an Orientation Discrimination Task. Cortex, 2001, 37, 243-265.	2.4	21
408	An assessment of perfusion deficits in decompression illness using 99Tcm HMPAO SPET and statistical parametric mapping. Nuclear Medicine Communications, 2001, 22, 423-428.	1.1	3
409	Ultrasound activates the auditory cortex of profoundly deaf subjects. NeuroReport, 2001, 12, 583-586.	1.2	33
410	The role of the striatum and hippocampus in planning: A PET activation study in Parkinson's disease. Brain, 2001, 124, 1020-1032.	7.6	232
411	Study of the brain serotonergic system with labeled \hat{l}_{\pm} -methyl-l-tryptophan. Journal of Neurochemistry, 2001, 78, 1185-1200.	3.9	102
412	Benzodiazepine–GABA A Receptor Binding Is Very Low in Dysembryoplastic Neuroepithelial Tumor: a PET Study. Epilepsia, 2001, 42, 1327-1334.	5.1	38
413	Brain correlates of fast and slow handwriting in humans: a PET-performance correlation analysis. European Journal of Neuroscience, 2001, 14, 726-736.	2.6	41
414	Analysis and use of FMRI response delays. Human Brain Mapping, 2001, 13, 74-93.	3.6	148
415	Human cortical processing of colour and pattern. Human Brain Mapping, 2001, 13, 213-225.	3.6	28
416	Neural sources involved in auditory target detection and novelty processing: An eventâ€related fMRI study. Psychophysiology, 2001, 38, 133-142.	2.4	333
417	Interdependence of Regional and Global Cerebral Blood Flow during Visual Stimulation: An O-15-Butanol Positron Emission Tomography Study. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 664-670.	4.3	30
418	Quantitative Comparison of the Bolus and Steady-State Methods for Measurement of Cerebral Perfusion and Oxygen Metabolism: Positron Emission Tomography Study Using 150-Gas and Water. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 793-803.	4.3	64

#	Article	IF	Citations
419	The effects of graded hypercapnia on the activation flow coupling response due to forepaw stimulation in l±-chloralose anesthetized rats. Brain Research, 2001, 911, 82-88.	2.2	25
420	Imaging the mental components of a planning task. Neuropsychologia, 2001, 39, 315-327.	1.6	131
421	Brain regions involved in prospective memory as determined by positron emission tomography. Neuropsychologia, 2001, 39, 545-555.	1.6	481
422	Effects of Triazolam on Brain Activity During Episodic Memory Encoding: A PET Study. Neuropsychopharmacology, 2001, 25, 744-756.	5.4	23
423	Cerebral blood flow in obsessive–compulsive patients with major depression: effect of treatment with sertraline or desipramine on treatment responders and non-responders. Psychiatry Research - Neuroimaging, 2001, 108, 89-100.	1.8	40
424	Activated brain regions in musicians during an ensemble: a PET study. Cognitive Brain Research, 2001, 12, 101-108.	3.0	73
425	Brain Areas Sensitive to Coherent Visual Motion. Perception, 2001, 30, 61-72.	1.2	317
426	Neocortical abnormalities of [$<$ sup>11 $<$ /sup> C]-flumazenil PET in mesial temporal lobe epilepsy. Neurology, 2001, 56, 897-906.	1.1	101
427	The Neural Substrate of Orientation Working Memory. Journal of Cognitive Neuroscience, 2001, 13, 813-828.	2.3	49
428	Contribution of lexico-semantic processes to verbal short-term memory tasks: A PET activation study. Memory, 2001, 9, 249-259.	1.7	65
429	Presenilin-1–associated abnormalities in regional cerebral perfusion. Neurology, 2001, 56, 1545-1551.	1.1	68
430	Brain Regional \hat{l} ±-[¹¹ C]Methyl- <scp>l</scp> -Tryptophan Trapping in Impulsive Subjects With Borderline Personality Disorder. American Journal of Psychiatry, 2001, 158, 775-782.	7.2	217
431	Separate neural subsystems within `Wernicke's area'. Brain, 2001, 124, 83-95.	7.6	583
432	Human regional cerebral glucose metabolism during nonâ€rapid eye movement sleep in relation to waking. Brain, 2002, 125, 1105-1115.	7.6	306
433	Abnormalities of grey and white matter [11C]flumazenil binding in temporal lobe epilepsy with normal MRI. Brain, 2002, 125, 2257-2271.	7.6	88
434	Involvement of the human cerebellum in fear-conditioned potentiation of the acoustic startle response: a PET study. NeuroReport, 2002, 13, 1275-1278.	1.2	33
435	Limb flexion reflex-related areas in human cerebellum. NeuroReport, 2002, 13, 2325-2330.	1.2	15
436	Frontal Hypometabolism Does Not Explain Inhibitory Dysfunction in Alzheimer Disease. Alzheimer Disease and Associated Disorders, 2002, 16, 228-238.	1.3	44

#	Article	IF	CITATIONS
437	PET imaging and quantitation of Internet-addicted patients and normal controls., 2002, 4683, 419.		1
438	Detection of grey matter loss in mild Alzheimer's disease with voxel based morphometry. Journal of Neurology, Neurosurgery and Psychiatry, 2002, 73, 657-664.	1.9	301
439	Speech production: Wernicke, Broca and beyond. Brain, 2002, 125, 1829-1838.	7.6	296
440	Gender differences in cerebral glucose metabolism: a PET study. Journal of the Neurological Sciences, 2002, 199, 79-83.	0.6	73
441	Regional cerebral glucose utilization in patients with a range of severities of unipolar depression. Biological Psychiatry, 2002, 51, 237-252.	1.3	267
442	Principal components of the beck depression inventory and regional cerebral metabolism in unipolar and bipolar depression. Biological Psychiatry, 2002, 51, 387-399.	1.3	175
443	Regional changes in brain gray and white matter in patients with schizophrenia demonstrated with voxel-based analysis of MRI. Schizophrenia Research, 2002, 55, 41-54.	2.0	159
444	Gender differences in patterns of cerebral activation during equal experience of painful laser stimulation. Journal of Pain, 2002, 3, 401-411.	1.4	88
445	Regional Changes in Human Cerebral Blood Flow during Dipyridamole Stress: Neural Activation in the Thalamus and Prefrontal Cortex. NeuroImage, 2002, 16, 788-793.	4.2	6
446	A H215O Positron Emission Tomography Study on Mental Imagery of Movement Sequencesâ€"The Effect of Modulating Sequence Length and Direction. NeuroImage, 2002, 17, 999-1009.	4.2	72
447	Cortical Activation to Auditory Mismatch Elicited by Frequency Deviant and Complex Novel Sounds: A PET Study. Neurolmage, 2002, 17, 231-239.	4.2	92
448	Simulation of the Effects of Global Normalization Procedures in Functional MRI. NeuroImage, 2002, 17, 532-542.	4.2	74
449	PET imaging of differential cortical activation by monaural speech and nonspeech stimuli. Hearing Research, 2002, 166, 9-23.	2.0	43
450	Poor self-control in personality inventory and reduced volume of supplementary motor area. International Congress Series, 2002, 1232, 131-135.	0.2	0
451	Long-Term Consequences of Switching Handedness: A Positron Emission Tomography Study on Handwriting in "Converted―Left-Handers. Journal of Neuroscience, 2002, 22, 2816-2825.	3.6	97
452	Effects of incidental and intentional feature binding on recognition: a behavioural and PET activation study. Neuropsychologia, 2002, 40, 131-144.	1.6	25
453	Left prefrontal-repetitive transcranial magnetic stimulation (rTMS) and regional cerebral glucose metabolism in normal volunteers. Psychiatry Research - Neuroimaging, 2002, 115, 101-113.	1.8	102
454	Lack of self-control as assessed by a personality inventory is related to reduced volume of supplementary motor area. Psychiatry Research - Neuroimaging, 2002, 116, 53-61.	1.8	23

#	Article	IF	CITATIONS
455	Sensory system interactions during simultaneous vestibular and visual stimulation in PET. Human Brain Mapping, 2002, 16, 92-103.	3.6	118
456	Statistical parametric mapping of LORETA using high density EEG and individual MRI: Application to mismatch negativities in Schizophrenia. Human Brain Mapping, 2002, 17, 168-178.	3.6	99
457	Regional cerebral blood flow as assessed by principal component analysis and 99mTc-HMPAO SPET in healthy subjects at rest: normal distribution and effect of age and gender. European Journal of Nuclear Medicine and Molecular Imaging, 2002, 29, 67-75.	6.4	74
458	Regional cerebral perfusion abnormalities in attention deficit/hyperactivity disorder. European Archives of Psychiatry and Clinical Neuroscience, 2002, 252, 219-225.	3.2	119
459	The neural substrate of orientation short-term memory and resistance to distractor items. European Journal of Neuroscience, 2002, 15, 165-175.	2.6	11
460	<i>The effect of the 5â€HT₃ receptor antagonist, alosetron, on brain responses to visceral stimulation in irritable bowel syndrome patients</i> Alimentary Pharmacology and Therapeutics, 2002, 16, 1357-1366.	3.7	112
461	Effect of Aging on Cerebral Vascular Response to Paco2 Changes in Humans as Measured by Positron Emission Tomography. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 997-1003.	4.3	82
462	Effect of Basal Conditions on the Magnitude and Dynamics of the Blood Oxygenation Level-Dependent fMRI Response. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 1042-1053.	4.3	338
463	Development of quantitative analysis method for stereotactic brain image: Assessment of reduced accumulation in extent and severity using anatomical segmentation. Annals of Nuclear Medicine, 2003, 17, 289-295.	2.2	146
464	Changes in human cerebral blood flow and myocardial blood flow during mental stress measured by dual positron emission tomography. Annals of Nuclear Medicine, 2003, 17, 381-386.	2.2	22
465	Human brain regions required for the dividing and switching of attention between two features of a single object. Cognitive Brain Research, 2003, 17, 1-13.	3.0	19
466	Add-on rTMS for treatment of depression: a pilot study using stereotaxic coil-navigation according to PET data. Journal of Psychiatric Research, 2003, 37, 267-275.	3.1	112
467	Delusions of alien control in the normal brain. Neuropsychologia, 2003, 41, 1058-1067.	1.6	279
468	The role of the rostral frontal cortex (area 10) in prospective memory: a lateral versus medial dissociation. Neuropsychologia, 2003, 41, 906-918.	1.6	358
469	Modeling intra-subject correlation among repeated scans in positron emission tomography (PET) neuroimaging data. Human Brain Mapping, 2003, 20, 59-70.	3.6	12
470	Gray matter features of schizotypal disorder patients exhibiting the schizophrenia-related code types of the Minnesota Multiphasic Personality Inventory. Acta Psychiatrica Scandinavica, 2003, 108, 333-340.	4.5	22
471	Changes in Human Cerebral Blood Flow and Cerebral Blood Volume during Hypercapnia and Hypocapnia Measured by Positron Emission Tomography. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 665-670.	4.3	210
472	Positron emission tomography imaging of the aging brain. Neuroimaging Clinics of North America, 2003, 13, 759-767.	1.0	15

#	Article	IF	Citations
473	Decreased volume and increased asymmetry of the anterior limb of the internal capsule in patients with schizophrenia. Biological Psychiatry, 2003, 54, 427-436.	1.3	121
474	Estimation of the local statistical noise in positron emission tomography revisited: practical implementation. Neurolmage, 2003, 19, 442-456.	4.2	11
475	Regional distribution of human cerebral vascular mean transit time measured by positron emission tomography. Neurolmage, 2003, 19, 1163-1169.	4.2	42
476	The LONI Pipeline Processing Environment. Neurolmage, 2003, 19, 1033-1048.	4.2	295
477	Positron emission tomography scanning in essential blepharospasm. American Journal of Ophthalmology, 2003, 136, 846-852.	3.3	61
478	A study of the acute effect of smoking on cerebral blood flow using 99mTc-ECD SPET. European Journal of Nuclear Medicine and Molecular Imaging, 2003, 30, 612-614.	6.4	26
479	Seeking the Neural Substrates of Visual Working Memory Storage. Cortex, 2003, 39, 927-946.	2.4	148
480	LORETA imaging of P300 in schizophrenia with individual MRI and 128-channel EEG. NeuroImage, 2003, 20, 1552-1560.	4.2	48
481	Differential brain activations during intentionally simulated and subjectively experienced paralysis. Cognitive Neuropsychiatry, 2003, 8, 295-312.	1.3	98
482	Voxel-based analysis of MRI reveals anterior cingulate gray-matter volume reduction in posttraumatic stress disorder due to terrorism. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9039-9043.	7.1	349
483	Patients with focal arm dystonia have increased sensitivity to slow-frequency repetitive TMS of the dorsal premotor cortex. Brain, 2003, 126, 2710-2725.	7.6	191
486	Grey and white matter flumazenil binding in neocortical epilepsy with normal MRI. A PET study of 44 patients. Brain, 2003, 126, 1300-1318.	7.6	87
487	Scaling images using their background ratio. An application in statistical comparisons of images. Physics in Medicine and Biology, 2003, 48, 1539-1549.	3.0	6
488	Cerebellar representation of the eyeblink response as revealed by PET. NeuroReport, 2003, 14, 1371-1374.	1.2	4
489	Cerebellar representation of the eyeblink response as revealed by PET. NeuroReport, 2003, 14, 1371-1374.	1.2	10
490	Sex Differences of Brain Serotonin Synthesis in Patients with Irritable Bowel Syndrome Using α-[11C]methyl-L-tryptophan, Positron Emission Tomography and Statistical Parametric Mapping. Canadian Journal of Gastroenterology & Hepatology, 2003, 17, 191-196.	1.7	40
491	The General Linear Model. , 2004, , 725-760.		8
492	Default brain functionality in blind people. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15500-15505.	7.1	29

#	Article	IF	CITATIONS
493	Increased Activation of Anterior Paralimbic and Executive Cortex FromWaking to Rapid Eye Movement Sleep in Depression. Archives of General Psychiatry, 2004, 61, 695.	12.3	103
494	Correlation of Behavior Changes and BOLD Signal in Alzheimer-like Rat Model. Acta Biochimica Et Biophysica Sinica, 2004, 36, 803-810.	2.0	10
495	Is central nervous system processing altered in patients with heart failure?. European Heart Journal, 2004, 25, 952-962.	2,2	22
496	Acute Alcohol Effects on Neuronal and Attentional Processing: Striatal Reward System and Inhibitory Sensory Interactions under Acute Ethanol Challenge. Neuropsychopharmacology, 2004, 29, 1527-1537.	5.4	54
497	Brain activity during distention of the descending colon in humans. Neurogastroenterology and Motility, 2004, 16, 299-309.	3.0	47
498	Task Repetition Can Affect Functional Magnetic Resonance Imaging-Based Measures of Language Lateralization and Lead to Pseudoincreases in Bilaterality. Journal of Cerebral Blood Flow and Metabolism, 2004, 24, 179-187.	4.3	28
499	Functional neuroanatomical correlates of eye movements during rapid eye movement sleep in depressed patients. Psychiatry Research - Neuroimaging, 2004, 130, 259-268.	1.8	17
500	Structural brain differences in patients with schizophrenia and schizotypal disorder demonstrated by voxel?based morphometry. European Archives of Psychiatry and Clinical Neuroscience, 2004, 254, 406-414.	3.2	100
501	Oscillopsia Associated with Dysfunction of Visual Cortex. Japanese Journal of Ophthalmology, 2004, 48, 128-132.	1.9	5
502	On the logic of hypothesis testing in functional imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2004, 31, 725-732.	6.4	21
503	Metabolic changes in vestibular and visual cortices in acute vestibular neuritis. Annals of Neurology, 2004, 56, 624-630.	5. 3	104
504	Rollvection versus linearvection: Comparison of brain activations in PET. Human Brain Mapping, 2004, 21, 143-153.	3.6	58
505	Cerebral decreases in opioid receptor binding in patients with central neuropathic pain measured by [¹¹ C]diprenorphine binding and PET. European Journal of Pain, 2004, 8, 479-485.	2.8	135
506	Regional brain gray matter volume differences in patients with bipolar disorder as assessed by optimized voxel-based morphometry. Biological Psychiatry, 2004, 55, 1154-1162.	1.3	144
507	Applications of positron emission tomography (PET) in neurology. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 669-676.	1.9	98
508	Male-specific Volume Expansion of the Human Hippocampus during Adolescence. Cerebral Cortex, 2004, 15, 187-193.	2.9	111
509	Advancing the neurobiology of insomnia, a commentary on: "Functional imaging of the sleeping brain― by Drummond et al Sleep Medicine Reviews, 2004, 8, 243-247.	8.5	7
510	GABAA receptor abnormalities in Prader–Willi syndrome assessed with positron emission tomography and [11C]flumazenil. Neurolmage, 2004, 22, 22-28.	4.2	71

#	Article	IF	CITATIONS
511	A dynamic system model-based technique for functional MRI data analysis. NeuroImage, 2004, 22, 179-187.	4.2	13
512	A method for removal of global effects from fMRI time series. NeuroImage, 2004, 22, 360-366.	4.2	377
513	Popout modulates focal attention in the primary visual cortex. NeuroImage, 2004, 22, 574-582.	4.2	20
514	The thalamus as the generator and modulator of EEG alpha rhythm: a combined PET/EEG study with lorazepam challenge in humans. NeuroImage, 2004, 22, 637-644.	4.2	160
515	Covariance PET patterns in early Alzheimer's disease and subjects with cognitive impairment but no dementia: utility in group discrimination and correlations with functional performance. NeuroImage, 2004, 23, 35-45.	4.2	101
516	Short-term modulation of regional excitability and blood flow in human motor cortex following rapid-rate transcranial magnetic stimulation. NeuroImage, 2004, 23, 849-859.	4.2	76
517	Statistical mapping of functional olfactory connections of the rat brain in vivo. NeuroImage, 2004, 23, 1326-1335.	4.2	64
518	Regional Brain Glucose Metabolism During Morning and Evening Wakefulness in Humans: Preliminary Findings. Sleep, 2004, 27, 1245-1254.	1.1	89
519	Neurobiology of Non-REM Sleep in Depression: Further Evidence for Hypofrontality and Thalamic Dysregulation. American Journal of Psychiatry, 2004, 161, 1856-1863.	7.2	72
520	Investigating the physiology of brain activation with MRI. , 2004, , .		O
521	Effects of Metabolite Correction for Arterial Input Function on Quantitative Receptor Images With 11C-Flumazenil in Clinical Positron Emission Tomography Studies. Journal of Computer Assisted Tomography, 2004, 28, 428-435.	0.9	16
522	Alterations in Regional Cerebral Glucose Metabolism Across Waking and Non–Rapid Eye Movement Sleep in Depression. Archives of General Psychiatry, 2005, 62, 387.	12.3	62
523	How does transcranial DC stimulation of the primary motor cortex alter regional neuronal activity in the human brain?. European Journal of Neuroscience, 2005, 22, 495-504.	2.6	681
524	Changes in Cerebral Blood Flow and Cerebral Oxygen Metabolism during Neural Activation Measured by Positron Emission Tomography: Comparison with Blood Oxygenation Level-Dependent Contrast Measured by Functional Magnetic Resonance Imaging. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 371-377.	4.3	67
525	The effects of the 5-HT3 antagonist, alosetron, on brain serotonin synthesis in patients with irritable bowel syndrome. Neurogastroenterology and Motility, 2005, 17, 212-221.	3.0	25
526	Involvement of both prefrontal and inferior parietal cortex in dual-task performance. Cognitive Brain Research, 2005, 24, 237-251.	3.0	128
527	Prefrontal abnormalities in patients with simple schizophrenia: Structural and functional brain-imaging studies in five cases. Psychiatry Research - Neuroimaging, 2005, 140, 157-171.	1.8	26
528	A study paradigm allowing comparison of multiple high-resolution rCBV-maps for the examination of drug effects. NMR in Biomedicine, 2005, 18, 260-268.	2.8	10

#	Article	IF	CITATIONS
529	A new approach to neuroimaging with magnetoencephalography. Human Brain Mapping, 2005, 25, 199-211.	3.6	465
530	Intrinsic brain activity sets the stage for expression of motivated behavior. Journal of Comparative Neurology, 2005, 493, 167-176.	1.6	201
531	Examining the neural targets of the AMPA receptor potentiator LY404187 in the rat brain using pharmacological magnetic resonance imaging. Psychopharmacology, 2005, 180, 743-751.	3.1	37
532	The effect of tapping finger and mode differences on cortical and subcortical activities: a PET study. Experimental Brain Research, 2005, 160, 375-383.	1.5	33
533	Relationship between exploratory eye movements and brain morphology in schizophrenia spectrum patients. European Archives of Psychiatry and Clinical Neuroscience, 2005, 255, 104-110.	3.2	21
534	Differential activation of cerebral blood flow by stimulating amblyopic and fellow eye. Graefe's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 576-582.	1.9	23
535	Effects of tissue heterogeneity on cerebral vascular response to acetazolamide stress measured by an I-123-IMP autoradiographic method with single-photon emission computed tomography. Annals of Nuclear Medicine, 2005, 19, 251-260.	2.2	5
536	Human cerebral circulation: positron emission tomography studies. Annals of Nuclear Medicine, 2005, 19, 65-74.	2.2	139
537	Impaired Cross-Modal Inhibition in Alzheimer Disease. PLoS Medicine, 2005, 2, e288.	8.4	37
538	The unpleasantness of tonic pain is encoded by the insular cortex. Neurology, 2005, 64, 1175-1183.	1.1	153
539	CASL fMRI of subcortico-cortical perfusion changes during memory-guided finger sequences. NeuroImage, 2005, 25, 122-132.	4.2	44
540	Executive dysfunction in Parkinson's disease is associated with altered pallidal–frontal processing. Neurolmage, 2005, 25, 588-599.	4.2	78
541	Association between lower P300 amplitude and smaller anterior cingulate cortex volume in patients with posttraumatic stress disorder: a study of victims of Tokyo subway sarin attack. NeuroImage, 2005, 25, 43-50.	4.2	68
542	Effects of hypoxia, hyperoxia, and hypercapnia on baseline and stimulus-evoked BOLD, CBF, and CMRO2 in spontaneously breathing animals. NeuroImage, 2005, 25, 850-858.	4.2	259
543	Neuroimaging of emotion: empirical effects of proportional global signal scaling in fMRI data analysis. NeuroImage, 2005, 25, 520-526.	4.2	68
544	Bupropion and venlafaxine responders differ in pretreatment regional cerebral metabolism in unipolar depression. Biological Psychiatry, 2005, 57, 220-228.	1.3	80
545	Separating functional and structural damage in persistent vegetative state using combined voxel-based analysis of 3-D MRI and FDG-PET. Journal of the Neurological Sciences, 2005, 228, 179-184.	0.6	40
546	Regional cerebral perfusion abnormalities in developmental language disorder. European Archives of Psychiatry and Clinical Neuroscience, 2006, , .	3.2	0

#	Article	IF	CITATIONS
547	BRAIN WORK AND BRAIN IMAGING. Annual Review of Neuroscience, 2006, 29, 449-476.	10.7	1,393
548	Spatiotemporal dynamics of human object recognition processing: An integrated high-density electrical mapping and functional imaging study of "closure―processes. Neurolmage, 2006, 29, 605-618.	4.2	132
549	Activity of left inferior frontal gyrus related to word repetition effects: LORETA imaging with 128-channel EEG and individual MRI. NeuroImage, 2006, 29, 712-720.	4.2	6
550	Mapping cerebral blood flow changes during auditory-cued conditioned fear in the nontethered, nonrestrained rat. Neurolmage, 2006, 29, 1344-1358.	4.2	42
551	The effect of global cerebral vasodilation on focal activation hemodynamics. NeuroImage, 2006, 30, 726-734.	4.2	89
552	Cortical surface-based analysis of 18F-FDG PET: Measured metabolic abnormalities in schizophrenia are affected by cortical structural abnormalities. Neurolmage, 2006, 31, 1434-1444.	4.2	56
553	EEG–fMRI of idiopathic and secondarily generalized epilepsies. NeuroImage, 2006, 31, 1700-1710.	4.2	254
554	Using a white matter reference to remove the dependency of global signal on experimental conditions in SPECT analyses. Neurolmage, 2006, 32, 49-53.	4.2	21
555	A cluster mass permutation test with contextual enhancement for fMRI activation detection. NeuroImage, 2006, 32, 654-664.	4.2	13
556	In vivo imaging of functional disruption, recovery and alteration in rat olfactory circuitry after lesion. Neurolmage, 2006, 32, 1265-1272.	4.2	33
557	Cortical trapping of \hat{l} ±-[11C]methyl-l-tryptophan, an index of serotonin synthesis, is lower in females than males. Neurolmage, 2006, 33, 815-824.	4.2	63
558	Involvement of the human cerebellum in short-term and long-term habituation of the acoustic startle response: A serial PET study. Clinical Neurophysiology, 2006, 117, 1290-1300.	1.5	10
559	Neuroimaging methods in affective neuroscience: Selected methodological issues. Progress in Brain Research, 2006, 156, 123-143.	1.4	56
560	HUMAN BRAIN METABOLIC CHANGES INDUCED BY ACTUAL CAR-DRIVING. , 2006, , .		0
561	Quantitative analysis of dopamine synthesis in human brain using positron emission tomography with L-[\hat{l}^2 -11C]DOPA. Nuclear Medicine Communications, 2006, 27, 723-731.	1.1	29
562	Effects of 5-HT1B/1D Receptor Agonist Rizatriptan on Cerebral Blood Flow and Blood Volume in Normal Circulation. Journal of Cerebral Blood Flow and Metabolism, 2006, 26, 92-98.	4.3	18
563	Regional cerebral perfusion abnormalities in developmental language disorder. European Archives of Psychiatry and Clinical Neuroscience, 2006, 256, 131-137.	3.2	8
564	Dose effects of triazolam on brain activity during episodic memory encoding: a PET study. Psychopharmacology, 2006, 188, 445-461.	3.1	12

#	ARTICLE	IF	Citations
565	Functional brain mapping of actual car-driving using [18F]FDG-PET. Annals of Nuclear Medicine, 2006, 20, 623-628.	2.2	60
566	Database of normal human cerebral blood flow measured by SPECT: I. Comparison between I-123-IMP, Tc-99m-HMPAO, and Tc-99m-ECD as referred with O-15 labeled water PET and voxel-based morphometry. Annals of Nuclear Medicine, 2006, 20, 131-138.	2.2	68
567	Brain and whole body distribution of N-isopropyl-4-iodoamphetamine (I-123) in humans: Comparison of radiopharmaceuticals marketed by different companies in Japan. Annals of Nuclear Medicine, 2006, 20, 493-498.	2.2	19
568	Motion illusion activates the visual motion area of the brain: A near-infrared spectroscopy (NIRS) study. Brain Research, 2006, 1077, 116-122.	2.2	19
569	How does spatial extent of fMRI datasets affect independent component analysis decomposition?. Human Brain Mapping, 2006, 27, 736-746.	3.6	11
570	Positron Emission Tomography Reveals Correlations between Brain Metabolism and Mood Changes in Hyperthyroidism. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4786-4791.	3.6	61
571	Unique, common, and interacting cortical correlates of thirst and pain. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2416-2421.	7.1	68
572	A short history of SPM., 2007, , 3-9.		14
573	The Functional Anatomy of Recovery from Brain Injury. Novartis Foundation Symposium, 1991, 163, 235-249.	1,1	10
574	Language Activation Studies with Positron Emission Tomography. Novartis Foundation Symposium, 1991, 163, 218-234.	1.1	18
575	The Neurotransmitter Basis of Cognition: Psychopharmacological Activation Studies Using Positron Emission Tomography. Novartis Foundation Symposium, 1991, 163, 76-92.	1.1	14
576	Anxiety, respiration, and cerebral blood flow: implications for functional brain imaging. Comprehensive Psychiatry, 2007, 48, 103-112.	3.1	61
577	Localization of load sensitivity of working memory storage: Quantitatively and qualitatively discrepant results yielded by single-subject and group-averaged approaches to fMRI group analysis. Neurolmage, 2007, 35, 881-903.	4.2	41
578	Changes in brain functional activation during resting and locomotor states after unilateral nigrostriatal damage in rats. Neurolmage, 2007, 36, 755-773.	4.2	36
579	Neural correlates of regional EEG power change. NeuroImage, 2007, 36, 1301-1312.	4.2	33
580	Mapping the Updating Process: Common and Specific Brain Activations Across Different Versions of the Running Span Task. Cortex, 2007, 43, 146-158.	2.4	41
581	Diurnal Variation in Regional Brain Glucose Metabolism in Depression. Biological Psychiatry, 2007, 62, 438-445.	1.3	53
582	Voxel-Based Morphometry. , 2007, , 92-98.		72

#	Article	IF	CITATIONS
584	Reorganization of functional brain maps after exercise training: Importance of cerebellar–thalamic–cortical pathway. Brain Research, 2007, 1184, 96-107.	2.2	79
585	Tiagabine does not attenuate alcohol-induced activation of the human reward system. Psychopharmacology, 2007, 191, 975-983.	3.1	12
586	Glucose hypermetabolism in the thalamus of patients with essential blepharospasm. Journal of Neurology, 2007, 254, 890-896.	3.6	53
587	Mapping of central dopamine synthesis in man, using positron emission tomography with l-[\hat{l}^2 -11C]DOPA. Annals of Nuclear Medicine, 2007, 21, 355-360.	2.2	15
588	SPECT evaluation of cerebral blood flow during arm exercise in patients with subclavian steal. Annals of Nuclear Medicine, 2007, 21, 463-470.	2.2	7
589	Rivastigmine effects on EEG spectra and three-dimensional LORETA functional imaging in Alzheimer's disease. Psychopharmacology, 2008, 198, 323-332.	3.1	44
590	A method for removing global effects in small-animal functional MRI. NMR in Biomedicine, 2008, 21, 53-58.	2.8	10
591	Association between mitochondrial DNA 10398A>G polymorphism and the volume of amygdala. Genes, Brain and Behavior, 2008, 7, 698-704.	2.2	12
592	Changes in regional brain perfusion during functional brain activation: Comparison of [64Cu]-PTSM with [14C]-lodoantipyrine. Brain Research, 2008, 1234, 32-43.	2.2	10
593	Evidence for Acquired Pregenual Anterior Cingulate Gray Matter Loss from a Twin Study of Combat-Related Posttraumatic Stress Disorder. Biological Psychiatry, 2008, 63, 550-556.	1.3	317
594	Brain maps on the go: Functional imaging during motor challenge in animals. Methods, 2008, 45, 255-261.	3.8	22
595	Sympathetic activity at rest and motor brain areas: FDG–PET study. Autonomic Neuroscience: Basic and Clinical, 2008, 143, 27-32.	2.8	24
596	Statistical mapping of sound-evoked activity in the mouse auditory midbrain using Mn-enhanced MRI. Neurolmage, 2008, 39, 223-230.	4.2	62
597	Age-related decrease in axonal transport measured by MR imaging in vivo. Neurolmage, 2008, 39, 915-926.	4.2	47
598	Normal database of dopaminergic neurotransmission system in human brain measured by positron emission tomography. NeuroImage, 2008, 39, 555-565.	4.2	75
599	Imaging of amyloid plaques and cerebral glucose metabolism in semantic dementia and Alzheimer's disease. NeuroImage, 2008, 39, 619-633.	4.2	201
600	Normalization in PET group comparison studies—The importance of a valid reference region. Neurolmage, 2008, 40, 529-540.	4.2	87
601	Cerebral blood flow effects of acute intravenous heroin administration. European Neuropsychopharmacology, 2008, 18, 278-285.	0.7	19

#	Article	IF	CITATIONS
603	Gender-Common and -Specific Neuroanatomical Basis of Human Anxiety-Related Personality Traits. Cerebral Cortex, 2008, 18, 46-52.	2.9	105
604	Voxel-based morphometry in Alzheimer's disease. Expert Review of Neurotherapeutics, 2008, 8, 1691-1702.	2.8	114
605	Spontaneous Activity Associated with Primary Visual Cortex: A Resting-State fMRI Study. Cerebral Cortex, 2008, 18, 697-704.	2.9	132
606	Sex-Linked Neuroanatomical Basis of Human Altruistic Cooperativeness. Cerebral Cortex, 2008, 18, 2331-2340.	2.9	62
607	Modeling Dynamic Functional Neuroimaging Data Using Structural Equation Modeling. Structural Equation Modeling, 2009, 16, 147-162.	3.8	15
608	Effects of the Antipsychotic Risperidone on Dopamine Synthesis in Human Brain Measured by Positron Emission Tomography with l-[\hat{l}^2 -(sup>11()sup>C]DOPA: A Stabilizing Effect for Dopaminergic Neurotransmission?. Journal of Neuroscience, 2009, 29, 13730-13734.	3.6	37
609	Comparison of transcranial Doppler ultrasonography and positron emission tomography using a three-dimensional template of the middle cerebral artery. Neurological Research, 2009, 31, 52-59.	1.3	13
610	No regional difference in dopamine D2 receptor occupancy by the second-generation antipsychotic drug risperidone in humans: a positron emission tomography study. International Journal of Neuropsychopharmacology, 2009, 12, 667.	2.1	22
611	Quantitative PET Analysis of the Dopamine D ₂ Receptor Agonist Radioligand ^{$11C-((i)R3O-(i)N$}	5.0	20
612	Brain Activation Associated With Changes in Heart Rate, Heart Rate Variability, and Plasma Catecholamines During Rectal Distention. Psychosomatic Medicine, 2009, 71, 619-626.	2.0	33
613	Simple Assessment of Cerebral Hemodynamics Using Single-Slab 3D Time-of-Flight MR Angiography in Patients with Cervical Internal Carotid Artery Steno-Occlusive Diseases: Comparison with Quantitative Perfusion Single-Photon Emission CT. American Journal of Neuroradiology, 2009, 30, 559-563.	2.4	30
614	Cerebral glucose metabolic response to combined total sleep deprivation and antidepressant treatment in geriatric depression: A randomized, placebo-controlled study. Psychiatry Research - Neuroimaging, 2009, 171, 1-9.	1.8	15
615	Smaller amygdala volume and reduced anterior cingulate gray matter density associated with history of post-traumatic stress disorder. Psychiatry Research - Neuroimaging, 2009, 174, 210-216.	1.8	118
616	Cortical network dynamics during source memory retrieval: Current density imaging with individual MRI. Human Brain Mapping, 2009, 30, 78-91.	3.6	7
617	Attention impairment in temporal lobe epilepsy: A neurophysiological approach via analysis of the P300 wave. Human Brain Mapping, 2009, 30, 2267-2277.	3.6	35
618	Functional brain areas associated with manipulation of a prehensile tool: A PET study. Human Brain Mapping, 2009, 30, 2879-2889.	3.6	13
619	Comparing isotropic and anisotropic smoothing for voxelâ€based DTI analyses: A simulation study. Human Brain Mapping, 2010, 31, 98-114.	3.6	89
620	Image intensity normalisation by maximising the Siddon line integral in the joint intensity distribution space. Medical Image Analysis, 2009, 13, 900-909.	11.6	1

#	Article	IF	CITATIONS
621	Meditators and Non-Meditators: EEG Source Imaging During Resting. Brain Topography, 2009, 22, 158-165.	1.8	60
622	Measurement of cerebral blood flow by the autoradiographic method with N-isopropyl-4-[I-123] iodoamphetamine: comparison of radiopharmaceuticals marketed by different companies in Japan. Annals of Nuclear Medicine, 2009, 23, 355-361.	2.2	0
623	Vasodilatory effect of adenosine triphosphate does not change cerebral blood flow: a PET study with 15O-water. Annals of Nuclear Medicine, 2009, 23, 717-723.	2.2	4
624	Preoperative cerebrovascular reactivity to acetazolamide measured by brain perfusion SPECT predicts development of cerebral ischemic lesions caused by microemboli during carotid endarterectomy. European Journal of Nuclear Medicine and Molecular Imaging, 2009, 36, 294-301.	6.4	41
625	Computational anatomy with the SPM software. Magnetic Resonance Imaging, 2009, 27, 1163-1174.	1.8	468
626	Activating a memory system focuses connectivity toward its central structure. Behavioural Brain Research, 2009, 204, 226-234.	2.2	8
627	Clinical severity of Alzheimer's disease is associated with PIB uptake in PET. Neurobiology of Aging, 2009, 30, 1902-1909.	3.1	89
628	Database-managed Grid-enabled analysis of neuroimaging data: The CNARI framework. International Journal of Psychophysiology, 2009, 73, 62-72.	1.0	9
629	Motor activity and imagery modulate the body-selective region in the occipital–temporal area: A near-infrared spectroscopy study. Neuroscience Letters, 2009, 465, 85-89.	2.1	33
630	Beta Amyloid in Alzheimer's Disease: Increased Deposition in Brain Is Reflected in Reduced Concentration in Cerebrospinal Fluid. Biological Psychiatry, 2009, 65, 927-934.	1.3	256
631	Regional cerebral blood flow changes in Parkinson's disease: correlation with disease duration. Revista Española De Medicina Nuclear, 2009, 28, 114-120.	0.3	2
632	SPM-based count normalization provides excellent discrimination of mild Alzheimer's disease and amnestic mild cognitive impairment from healthy agingâ [†] . Neurolmage, 2009, 44, 43-50.	4.2	117
633	Artefactual subcortical hyperperfusion in PET studies normalized to global mean: Lessons from Parkinson's disease. NeuroImage, 2009, 45, 249-257.	4.2	78
634	The impact of global signal regression on resting state correlations: Are anti-correlated networks introduced?. Neurolmage, 2009, 44, 893-905.	4.2	2,164
635	Components of variance in brain perfusion and the design of studies of individual differences: The baseline study. NeuroImage, 2009, 46, 12-22.	4.2	30
636	Data-driven intensity normalization of PET group comparison studies is superior to global mean normalization. Neurolmage, 2009, 46, 981-988.	4.2	56
638	The Pre-Supplementary and Primary Motor Areas Generate Rhythm for Voluntary Eye Opening and Closing Movements. Tohoku Journal of Experimental Medicine, 2010, 222, 97-104.	1.2	9
639	Shifting from region of interest (ROI) to voxel-based analysis in human brain mapping. Pediatric Radiology, 2010, 40, 1857-1867.	2.0	56

#	Article	IF	CITATIONS
640	Components of acquisition-to-acquisition variance in continuous arterial spin labelling (CASL) imaging. BMC Neuroscience, 2010, 11, 30.	1.9	5
641	Antidepressant mechanism of add-on repetitive transcranial magnetic stimulation in medication-resistant depression using cerebral glucose metabolism. Journal of Affective Disorders, 2010, 127, 219-229.	4.1	83
642	Functional (GT)n polymorphisms in promoter region of <i>N</i> à€methylâ€ <scp>d</scp> â€aspartate receptor 2A subunit (<i>GRIN2A</i>) gene affect hippocampal and amygdala volumes. Genes, Brain and Behavior, 2010, 9, 269-275.	2.2	12
643	Neuroanatomical correlates of attentionâ€deficit–hyperactivity disorder accounting for comorbid oppositional defiant disorder and conduct disorder. Psychiatry and Clinical Neurosciences, 2010, 64, 394-402.	1.8	58
644	Postcarotid Endarterectomy Improvement in Cognition Is Associated with Resolution of Crossed Cerebellar Hypoperfusion and Increase in ¹²³ 1-lomazenil Uptake in the Cerebral Cortex: A SPECT Study. Cerebrovascular Diseases, 2010, 29, 343-351.	1.7	45
645	Focal Neuronal Damage in Patients with Neuropsychological Impairment after Diffuse Traumatic Brain Injury: Evaluation Using $<$ sup $<$ 11 $<$ 1/sup $<$ C-Flumazenil Positron Emission Tomography with Statistical Image Analysis. Journal of Neurotrauma, 2010, 27, 2131-2138.	3.4	48
646	Objective Detection of Epileptic Foci by sup 18 / sup F-FDG PET in Children Undergoing Epilepsy Surgery. Journal of Nuclear Medicine, 2010, 51, 1901-1907.	5.0	87
647	A Neural Marker of Costly Punishment Behavior. Psychological Science, 2010, 21, 337-342.	3.3	86
648	Impaired Visual Object Processing Across an Occipital-Frontal-Hippocampal Brain Network in Schizophrenia. Archives of General Psychiatry, 2010, 67, 772.	12.3	119
649	Statistical Parametric Mapping reveals ligand and region-specific activation of G-proteins by CB1 receptors and non-CB1 sites in the 3D reconstructed mouse brain. NeuroImage, 2010, 52, 1243-1251.	4.2	17
650	Sub-cortical and brainstem sites associated with chemo-stimulated increases in ventilation in humans. NeuroImage, 2010, 49, 2526-2535.	4.2	23
651	Technical aspects of amyloid imaging for Alzheimer's disease. Alzheimer's Research and Therapy, 2011, 3, 25.	6.2	8
652	Theory of Mind Skills Are Related to Gray Matter Volume in the Ventromedial Prefrontal Cortex in Schizophrenia. Biological Psychiatry, 2011, 70, 1169-1178.	1.3	91
653	Gray matter density increase in the primary sensorimotor cortex in long-term essential blepharospasm. Neurolmage, 2011, 56, 1-7.	4.2	38
654	Use of swLORETA to localize the cortical sources of target- and distracter-elicited P300 components. Clinical Neurophysiology, 2011, 122, 1991-2002.	1.5	27
655	Brain energization in response to deep brain stimulation of subthalamic nuclei in Parkinson's disease. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1612-1622.	4.3	11
656	Postoperative Resolution of 123I-lomazenil Uptake and Metabolic Rate of Oxygen in the Cerebral Cortex Accompanied by Postoperative Improvement of Cognition in a Patient Undergoing Extracranial-Intracranial Arterial Bypass Surgery for Internal Carotid Artery Occlusion. Clinical Nuclear Medicine, 2011, 36, 361-362.	1.3	3
657	CYP2D6 in the brain: genotype effects on resting brain perfusion. Molecular Psychiatry, 2011, 16, 333-341.	7.9	49

#	Article	IF	Citations
658	P11 expression and PET in bipolar disorders. Journal of Psychiatric Research, 2011, 45, 1426-1431.	3.1	18
659	Brain perfusion CT compared with 150-H2O-PET in healthy subjects. EJNMMI Research, 2011, 1, 28.	2.5	23
660	Antenatal maternal stress alters functional brain responses in adult offspring during conditioned fear. Brain Research, 2011, 1385, 163-174.	2.2	23
661	An Open Source Multivariate Framework for n-Tissue Segmentation with Evaluation on Public Data. Neuroinformatics, 2011, 9, 381-400.	2.8	515
662	EEG and MEG Data Analysis in SPM8. Computational Intelligence and Neuroscience, 2011, 2011, 1-32.	1.7	500
663	Global and System-Specific Resting-State fMRI Fluctuations Are Uncorrelated: Principal Component Analysis Reveals Anti-Correlated Networks. Brain Connectivity, 2011, 1, 496-510.	1.7	108
664	Preoperative Central Benzodiazepine Receptor Binding Potential and Cerebral Blood Flow Images on SPECT Predict Development of New Cerebral Ischemic Events and Cerebral Hyperperfusion After Carotid Endarterectomy. Journal of Nuclear Medicine, 2011, 52, 1400-1407.	5.0	21
665	Central Benzodiazepine Receptor Binding Potential and CBF Images on SPECT Correlate with Oxygen Extraction Fraction Images on PET in the Cerebral Cortex with Unilateral Major Cerebral Artery Occlusive Disease. Journal of Nuclear Medicine, 2011, 52, 511-518.	5.0	27
666	Relation between Presynaptic and Postsynaptic Dopaminergic Functions Measured by Positron Emission Tomography: Implication of Dopaminergic Tone. Journal of Neuroscience, 2011, 31, 7886-7890.	3.6	45
667	Effect of Combination Therapy with the Angiotensin Receptor Blocker Losartan plus Hydrochlorothiazide on Brain Perfusion in Patients with both Hypertension and Cerebral Hemodynamic Impairment due to Symptomatic Chronic Major Cerebral Artery Steno-Occlusive Disease: A SPECT Study. Cerebrovascular Diseases. 2012, 33, 354-361.	1.7	11
668	Comparison of early and late images on 123I-iomazenil SPECT with cerebral blood flow and oxygen extraction fraction images on PET in the cerebral cortex of patients with chronic unilateral major cerebral artery occlusive disease. Nuclear Medicine Communications, 2012, 33, 171-178.	1.1	19
669	Combination of Preoperative Cerebral Blood Flow and 123I-lomazenil SPECT Imaging Predicts Postoperative Cognitive Improvement in Patients Undergoing Uncomplicated Endarterectomy for Unilateral Carotid Stenosis. Clinical Nuclear Medicine, 2012, 37, 128-133.	1.3	23
670	Accuracy of Central Benzodiazepine Receptor Binding Potential/Cerebral Blood Flow SPECT Imaging for Detecting Misery Perfusion in Patients With Unilateral Major Cerebral Artery Occlusive Diseases. Clinical Nuclear Medicine, 2012, 37, 235-240.	1.3	14
671	Correlation between decreased motor activity and dopaminergic degeneration in the ventrolateral putamen in monkeys receiving repeated MPTP administrations: A positron emission tomography study. Neuroscience Research, 2012, 73, 61-67.	1.9	12
672	Ventral and dorsal streams processing visual motion perception (FDG-PET study). BMC Neuroscience, 2012, 13, 81.	1.9	35
673	Differential relations between frontoâ€imbic metabolism and executive function in patients with remitted bipolar I and bipolar II disorder. Bipolar Disorders, 2012, 14, 831-842.	1.9	45
674	Postoperative Cerebral White Matter Damage Associated with Cerebral Hyperperfusion and Cognitive Impairment after Carotid Endarterectomy: A Diffusion Tensor Magnetic Resonance Imaging Study. Cerebrovascular Diseases, 2012, 34, 358-367.	1.7	44
675	SPM: A history. Neurolmage, 2012, 62, 791-800.	4.2	391

#	Article	IF	CITATIONS
676	Oxygen metabolism, oxygen extraction and positron emission tomography: Historical perspective and impact on basic and clinical neuroscience. NeuroImage, 2012, 61, 492-504.	4.2	62
677	Resting state FDG-PET functional connectivity as an early biomarker of Alzheimer's disease using conjoint univariate and independent component analyses. Neurolmage, 2012, 63, 936-946.	4.2	87
678	Biological parametric mapping accounting for random regressors with regression calibration and model II regression. NeuroImage, 2012, 62, 1761-1768.	4.2	5
679	Role of Basal Ganglia Circuits in Resisting Interference by Distracters: A swLORETA Study. PLoS ONE, 2012, 7, e34239.	2.5	20
680	Adaptive thresholding for reliable topological inference in single subject fMRI analysis. Frontiers in Human Neuroscience, 2012, 6, 245.	2.0	42
681	The Effects of High-Frequency Transcranial Magnetic Stimulation Combined with Transcutaneous Electrical Stimulation in a Severe Stroke Patient. Clinics and Practice, 2012, 2, 231-234.	1.4	1
682	Statistical parametric mapping reveals regional alterations in cannabinoid CB ₁ receptor distribution and Gâ€protein activation in the 3D reconstructed epileptic rat brain. Epilepsia, 2012, 53, 897-907.	5.1	8
683	Analysis of fMRI time series with mutual information. Medical Image Analysis, 2012, 16, 451-458.	11.6	20
684	Schizotypy trait and striatal dopamine receptors in healthy volunteers. Psychiatry Research - Neuroimaging, 2012, 201, 218-221.	1.8	19
685	Abnormal resting state corticolimbic blood flow in depressed unmedicated patients with major depression: A ¹⁵ Oâ€H ₂ O PET study. Human Brain Mapping, 2012, 33, 272-279.	3.6	58
686	Glucose hypermetabolism in the thalamus of patients with hemifacial spasm. Movement Disorders, 2012, 27, 519-525.	3.9	19
687	Structural abnormalities in the dyslexic brain: A metaâ€analysis of voxelâ€based morphometry studies. Human Brain Mapping, 2013, 34, 3055-3065.	3.6	203
688	Optimizing statistical parametric mapping analysis of 18F-FDG PET in children. EJNMMI Research, 2013, 3, 2.	2.5	45
690	A PET study of discrimination of cerebral glucose metabolism in Alzheimer's disease and mild cognitive impairment. , 2013, , .		1
691	Remote Brain Network Changes after Unilateral Cortical Impact Injury and Their Modulation by Acetylcholinesterase Inhibition. Journal of Neurotrauma, 2013, 30, 907-919.	3.4	19
692	Ricean over Gaussian modelling in magnitude fMRI analysis—added complexity with negligible practical benefits. Stat, 2013, 2, 303-316.	0.4	9
693	Multiclass classification of FDG PET scans for the distinction between Parkinson's disease and atypical parkinsonian syndromes. NeuroImage: Clinical, 2013, 2, 883-893.	2.7	71
694	Effects of menopause on brain structural changes in schizophrenia. Psychiatry and Clinical Neurosciences, 2013, 67, 3-11.	1.8	11

#	Article	IF	CITATIONS
695	The functional neuroimaging correlates of psychogenic versus organic dystonia. Brain, 2013, 136, 770-781.	7.6	83
696	Striatal Dopamine Transporter Availability in Drug-Naive Patients With Schizophrenia: A Case-Control SPECT Study With [99mTc]-TRODAT-1 and a Meta-Analysis. Schizophrenia Bulletin, 2013, 39, 378-386.	4.3	38
697	Adenosine A2A Receptors in Secondary Progressive Multiple Sclerosis: A [11C]TMSX Brain PET Study. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1394-1401.	4.3	79
698	FDG-PET imaging in mild traumatic brain injury: a critical review. Frontiers in Neuroenergetics, 2014, 5, 13.	5.3	124
699	sLORETA intracortical lagged coherence during breath counting in meditation-na $\tilde{A}f\hat{A}$ -ve participants. Frontiers in Human Neuroscience, 2014, 8, 303.	2.0	29
700	Influence of O-Methylated Metabolite Penetrating the Blood–Brain Barrier to Estimation of Dopamine Synthesis Capacity in Human L-[<i>· î²</i> - ¹¹ C]DOPA PET. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 268-274.	4.3	2
702	Brain electrical source imaging in manic and depressive episodes of bipolar disorder. Bipolar Disorders, 2014, 16, 690-702.	1.9	11
703	P300 waveform and dopamine transporter availability: a controlled EEG and SPECT study in medication-naive patients with schizophrenia and a meta-analysis. Psychological Medicine, 2014, 44, 2151-2162.	4.5	15
704	fMRI paradigm designing and post-processing tools. Indian Journal of Radiology and Imaging, 2014, 24, 13-21.	0.8	13
705	Glucose hypermetabolism in the thalamus of patients with drug-induced blepharospasm. Neuroscience, 2014, 263, 240-249.	2.3	12
706	Can we increase the yield of FDG-PET in the preoperative work-up for epilepsy surgery?. Epilepsy Research, 2014, 108, 1095-1105.	1.6	20
707	Modification of EEG power spectra and EEG connectivity in autobiographical memory: a sLORETA study. Cognitive Processing, 2014, 15, 351-361.	1.4	27
708	Imaging of amyloid deposition in human brain using positron emission tomography and [18F]FACT: comparison with [11C]PIB. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 745-754.	6.4	19
709	The brain of the beholder: honouring individual representational idiosyncrasies. Language, Cognition and Neuroscience, 2015, 30, 367-379.	1.2	21
710	Manganese-Enhanced Magnetic Resonance Imaging Reveals Differential Long-Term Neuroadaptation After Methamphetamine and the Substituted Cathinone 4-Methylmethcathinone (Mephedrone). International Journal of Neuropsychopharmacology, 2015, 18, pyu106-pyu106.	2.1	3
711	Cerebral glucose metabolism in the striate cortex positively correlates with fractional anisotropy values of the optic radiation in patients with glaucoma. Clinical and Experimental Ophthalmology, 2015, 43, 711-719.	2.6	8
712	Intensity normalization of DaTSCAN SPECT imaging using a model-based clustering approach. Applied Soft Computing Journal, 2015, 37, 234-244.	7.2	14
713	The Good, the Bad, and the Irrelevant: Neural Mechanisms of Learning Real and Hypothetical Rewards and Effort. Journal of Neuroscience, 2015, 35, 11233-11251.	3.6	74

#	Article	IF	Citations
714	Brain activation induced by voluntary alcohol and saccharin drinking in rats assessed with manganese-enhanced magnetic resonance imaging. Addiction Biology, 2015, 20, 1012-1021.	2.6	39
715	Short-term Cortical Plasticity Associated With Feedback-Error Learning After Locomotor Training in a Patient With Incomplete Spinal Cord Injury. Physical Therapy, 2015, 95, 257-266.	2.4	14
716	Hierarchical Event Descriptors (HED): Semi-Structured Tagging for Real-World Events in Large-Scale EEG. Frontiers in Neuroinformatics, 2016, 10, 42.	2.5	26
717	Alcohol preference and consumption are controlled by the caudal linear nucleus in alcoholâ€preferring rats. European Journal of Neuroscience, 2016, 43, 1440-1448.	2.6	7
718	Cerebral Functional Response during Eyelid Opening/Closing with Bell's Phenomenon and Volitional Vertical Eye Movements in Humans. Tohoku Journal of Experimental Medicine, 2016, 240, 141-146.	1.2	3
719	A method for normalizing pathology images to improve feature extraction for quantitative pathology. Medical Physics, 2016, 43, 528-537.	3.0	26
720	Functional brain microstate predicts the outcome in a visuospatial working memory task. Behavioural Brain Research, 2016, 314, 134-142.	2.2	22
721	Effect of Attenuation Correction on Regional Quantification Between PET/MR and PET/CT: A Multicenter Study Using a 3-Dimensional Brain Phantom. Journal of Nuclear Medicine, 2016, 57, 818-824.	5.0	11
722	Wake and Sleep EEG in Patients With Huntington Disease. Clinical EEG and Neuroscience, 2017, 48, 60-71.	1.7	31
723	The global signal in fMRI: Nuisance or Information?. NeuroImage, 2017, 150, 213-229.	4.2	339
724	Forward to the Past: The Case for Quantitative PET Imaging. Journal of Nuclear Medicine, 2017, 58, 1019-1024.	5.0	128
725	Functional localization and effective connectivity of cortical theta and alpha oscillatory activity during an attention task. Clinical Neurophysiology Practice, 2017, 2, 193-200.	1.4	32
726	Simultaneously estimating the task-related and stimulus-evoked components of hemodynamic imaging measurements. Neurophotonics, 2017, 4, 031223.	3.3	11
727	Two dose investigation of the 5-HT-agonist psilocybin on relative and global cerebral blood flow. NeuroImage, 2017, 159, 70-78.	4.2	61
728	Brain activation induced by chronic psychosocial stress in mice. Scientific Reports, 2017, 7, 15061.	3.3	64
729	Normative data of dopaminergic neurotransmission functions in substantia nigra measured with MRI and PET: Neuromelanin, dopamine synthesis, dopamine transporters, and dopamine D2 receptors. Neurolmage, 2017, 158, 12-17.	4.2	19
730	Statistical Parametric Mapping of HR-pQCT Images: A Tool for Population-Based Local Comparisons of Micro-Scale Bone Features. Annals of Biomedical Engineering, 2017, 45, 949-962.	2.5	9
731	Brain Metabolism Changes in Patients Infected with HTLV-1. Frontiers in Molecular Neuroscience, 2017, 10, 52.	2.9	13

#	ARTICLE	IF	CITATIONS
732	Persistent antidepressant effect of low-dose ketamine and activation in the supplementary motor area and anterior cingulate cortex in treatment-resistant depression: A randomized control study. Journal of Affective Disorders, 2018, 225, 709-714.	4.1	45
733	Complex-valued time series modeling for improved activation detection in fMRI studies. Annals of Applied Statistics, 2018, 12, 1451-1478.	1.1	15
734	Voxel-Based Statistical Analysis of 3D Immunostained Tissue Imaging. Frontiers in Neuroscience, 2018, 12, 754.	2.8	7
735	Use of machine learning to predict cognitive performance based on brain metabolism in Neurofibromatosis type 1. PLoS ONE, 2018, 13, e0203520.	2.5	11
736	Motor cognition in patients treated with subthalamic nucleus deep brain stimulation: Limits of compensatory overactivity in Parkinson's disease. Neuropsychologia, 2018, 117, 491-499.	1.6	3
737	Identifying stage of Alzheimer disease using multiclass particle swarm optimisation technique. Journal of Experimental and Theoretical Artificial Intelligence, 2018, 30, 911-925.	2.8	4
738	Hyperactivation of left inferior parietal lobule and left temporal gyri shortens resting EEG microstate in schizophrenia. Schizophrenia Research, 2018, 201, 204-207.	2.0	20
739	Fast Adaptive Smoothing and Thresholding for Improved Activation Detection in Low-Signal fMRI. IEEE Transactions on Medical Imaging, 2019, 38, 2821-2828.	8.9	3
740	Pre-trial and pre-response EEG microstates in schizophrenia: An endophenotypic marker. Behavioural Brain Research, 2019, 371, 111964.	2.2	9
741	Magnetic resonance imaging of mouse brain networks plasticity following motor learning. PLoS ONE, 2019, 14, e0216596.	2.5	20
742	Control of false positive rates in clusterwise fMRI inferences. Journal of Applied Statistics, 2019, 46, 1956-1972.	1.3	4
743	Sex differences in insular functional connectivity in response to noxious visceral stimulation in rats. Brain Research, 2019, 1717, 15-26.	2.2	10
744	Kinematic profiles during activities of daily living in adults with traumatic brachial plexus injuries. Clinical Biomechanics, 2019, 70, 209-216.	1.2	8
745	Motion artifact in studies of functional connectivity: Characteristics and mitigation strategies. Human Brain Mapping, 2019, 40, 2033-2051.	3.6	104
746	Regional Cerebral Associations Between Psychometric Tests and Imaging Biomarkers in Alzheimer's Disease. Frontiers in Psychiatry, 2020, 11, 793.	2.6	7
747	Amplitude of fNIRS Resting-State Global Signal Is Related to EEG Vigilance Measures: A Simultaneous fNIRS and EEG Study. Frontiers in Neuroscience, 2020, 14, 560878.	2.8	12
748	Brain activity underlying American crow processing of encounters with dead conspecifics. Behavioural Brain Research, 2020, 385, 112546.	2,2	6
749	How Our Perception and Confidence Are Altered Using Decision Cues. Frontiers in Neuroscience, 2019, 13, 1371.	2.8	2

#	Article	IF	CITATIONS
750	<scp>MRI</scp> â€Based Quantitative Osteoporosis Imaging at the Spine and Femur. Journal of Magnetic Resonance Imaging, 2021, 54, 12-35.	3.4	61
751	Striatal dopamine D2/3 receptors in medication-na \tilde{A} -ve schizophrenia: an [123I] IBZM SPECT study. Psychological Medicine, 2021, , 1-9.	4.5	3
752	Alcohol Co-Administration Changes Mephedrone-Induced Alterations of Neuronal Activity. Frontiers in Pharmacology, 2021, 12, 679759.	3.5	1
753	Single Photon Emission Tomography. , 1994, , 437-456.		1
754	A Role for Near Infrared Spectroscopy in Psychiatry?. Advances in Experimental Medicine and Biology, 1997, 413, 105-112.	1.6	11
755	Near-Infrared Spectroscopy in Functional Activation Studies. Advances in Experimental Medicine and Biology, 1997, 413, 113-127.	1.6	44
756	Uncoupling of Absolute CBF to Neural Activity. Advances in Experimental Medicine and Biology, 1997, 413, 209-214.	1.6	9
757	Linking Cerebral Blood Oxygenation to Human Brain Function. Advances in Experimental Medicine and Biology, 1997, , 221-233.	1.6	1
758	Neuroimaging of Heart Pain., 2000,, 365-411.		10
7 59	Prototype System for Semantic Retrieval of Neurological PET Images. , 2007, , 179-188.		17
760	Covariance Analysis of Functional Interactions in the Brain Using Metabolic and Blood Flow Data. , $1992, , 189-217.$		33
761	Applications of 3D PET. , 1998, , 133-167.		10
762	Dissociation of Object and Spatial Visual Processing Pathways in Human Extrastriate Cortex. , 1993, , 329-340.		47
763	Talairach Space as a Tool for Intersubject Standardization in the Brain., 2000,, 555-567.		6
764	Data Extraction from Brain PET Images Using Three-Dimensional Stereotactic Surface Projections 1 1 Transcripts of the BRAINPET97 discussion of this chapter can be found in Section VIII, 1998, , 133-137.		6
765	Calculation of the Probability That an Activation Site Has Occurred by Chance., 1998,, 229-235.		1
766	Proportionality of Reaction CBF to Baseline CBF with Neural Activation and Deactivation. , $1996, , 362-364$.		4
767	[150]Water PET. , 1996, , 378-383.		2

#	Article	IF	Citations
768	Comparative Analysis of rCBF Increases in Voluntary Index Flexion Movements., 1996,, 393-397.		3
769	Striatal activation during acquisition of a cognitive skill Neuropsychology, 1999, 13, 564-574.	1.3	202
770	Implementation and Validation of a Fully Automatic System for Intra- and Interindividual Registration of PET Brain Scans. Journal of Computer Assisted Tomography, 1997, 21, 136-144.	0.9	62
771	Activation Patterns of Covert Word Generation Detected by fMRI. Journal of Computer Assisted Tomography, 1998, 22, 945-952.	0.9	27
772	Analyzing Functional Brain Images in a Probabilistic Atlas: A Validation of Subvolume Thresholding. Journal of Computer Assisted Tomography, 2000, 24, 128-138.	0.9	42
774	Cerebral Glucose Metabolic Response to Combined Total Sleep Deprivation and Antidepressant Treatment in Geriatric Depression. American Journal of Psychiatry, 1999, 156, 683-689.	7.2	114
775	Grey matter correlates of syndromes in schizophrenia. British Journal of Psychiatry, 1997, 170, 406-410.	2.8	117
776	Effects of Dopamine D2 Receptor Partial Agonist Antipsychotic Aripiprazole on Dopamine Synthesis in Human Brain Measured by PET with L- $[\hat{l}^2-11C]$ DOPA. PLoS ONE, 2012, 7, e46488.	2.5	31
777	Comparison between Different Intensity Normalization Methods in 123I-loflupane Imaging for the Automatic Detection of Parkinsonism. PLoS ONE, 2015, 10, e0130274.	2.5	17
778	Reorganization of the Human Somatosensory Cortex in Hand Dystonia. Journal of Movement Disorders, 2012, 5, 5-8.	1.3	6
779	Complexity affects regional cerebral blood flow change during sequential finger movements. Journal of Neuroscience, 1996, 16, 2691-2700.	3.6	291
780	Anterior insular cortex plays a critical role in interoceptive attention. ELife, 2019, 8, .	6.0	99
781	Three-dimensional kinematic analysis of upper limb movements between individuals with and without subacromial shoulder pain exploring the statistical parametric mapping. Journal of Biomechanics, 2021, 129, 110806.	2.1	2
782	Relationships between Cognitive Performance and Cerebral Metabolism in Alzheimer's Disease. Current Psychology Letters: Behaviour, Brain & Cognition: CPL, 2000, , .	0.2	0
783	Chapitre VI. La reconnaissance des conséquences sensorielles de l'action. , 2002, , 131.		1
785	Is it a statistically significant anomaly?. , 2005, , .		O
787	Talairach Space as a Tool for Intersubject Standardization in the Brain., 2009,, 629-641.		2
788	Accounting for Random Regressors: A Unified Approach to Multi-modality Imaging. Lecture Notes in Computer Science, 2011, 7012, 1-9.	1.3	1

#	Article	IF	Citations
789	An Introduction to Kinetic Modeling and Quantification and its Role in Drug Development. , 2012, , 417-453.		1
790	The dorsolateral prefrontal cortex, schizophrenia and PET. , 1992, 37, 79-93.		22
791	The role of anatomic information in quantifying functional neuroimaging data., 1992, 37, 67-78.		6
792	Functional Mapping of the Human Brain. , 1993, , 77-91.		2
793	Recovery from Motor Stroke: Different Patterns of Functional Reorganisation in Individual Patients. , 19-27.		0
794	Diagnostic imaging techniques with special reference to PET. Key Topics in Brain Research, 1994, , 53-67.	0.2	0
795	Funktionelle Reorganisation sprachlicher Systeme nach Schlaganfall. Eine PET-Aktivierungsstudie bei Patienten nach Restitution von Wernicke Aphasie. Verhandlungen Der Deutschen Gesellschaft F $\tilde{A}^{1}\!\!/_{4}$ r Neurologie, 1995, , 115-117.	0.0	0
796	Nachweis einer Beteiligung des prim¤motorischen Kortex an der Atemsteuerung des Menschen w¤rend k¶rperlicher Belastung. Verhandlungen Der Deutschen Gesellschaft F¾r Neurologie, 1995, , 193-197.	0.0	0
797	Positron Emission Tomography Studies of Cardiac Neurostimulation. Developments in Cardiovascular Medicine, 1995, , 231-240.	0.1	0
799	Functional Magnetic Resonance Imaging. , 1996, , 331-348.		1
800	Statistical Aspects of the Detection of Activation Effects in Cerebral Blood Flow and Metabolism by Positron Emission Tomography. , 1996, , 293-303.		0
801	Dynamic Imaging of a PET Activation Experiment. , 1996, , 415-420.		O
802	Correction for Global Metabolism in FDG PET Brain Images Using Linear Regression and Anatomic Standardization by Nonlinear Warping., 1996,, 209-213.		0
804	Optimization of Noninvasive Activation Studies with O-15-Water and 3D PET., 1996,, 98-101.		1
805	Functional Magnetic Resonance Imaging. , 1996, , 299-330.		0
806	Mapping Cerebral Responses to Volatile Anesthetics in Humans. , 1998, , 273-290.		0
807	Functional Neuroimaging of Angina Pectoris. Developments in Cardiovascular Medicine, 1998, , 137-161.	0.1	0
808	PET studies in Neuropharmacology. , 1998, , 239-248.		0

#	Article	IF	Citations
809	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
813	Neocortical Epilepsy. , 2005, , 123-129.		0
814	Structural and functional brain imaging in schizophrenia. Journal of Psychiatry and Neuroscience, 1991, 16, 53-74.	2.4	21
815	Functional neuroanatomy of the human brain: positron emission tomography-a new neuroanatomical technique. Journal of Anatomy, 1994, 184 (Pt 2), 211-25.	1.5	20
816	Statistical mapping analysis of serotonin synthesis images generated in healthy volunteers using positron-emission tomography and alpha-[11C]methyl-L-tryptophan. Journal of Psychiatry and Neuroscience, 2000, 25, 359-70.	2.4	31
818	Preoperative 123I-iomazenil SPECT imaging predicts cerebral hyperperfusion following endarterectomy for unilateral cervical internal carotid artery stenosis. American Journal of Nuclear Medicine and Molecular Imaging, 2012, 2, 77-87.	1.0	13
820	Alternative normalization methods demonstrate widespread cortical hypometabolism in untreated de novo Parkinson's disease. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2012, 56, 299-308.	0.7	13
821	The effect of age on odor-stimulated functional MR imaging. American Journal of Neuroradiology, 1999, 20, 600-8.	2.4	66
822	Focal brain glucose hypometabolism in patients with neuropsychologic deficits after diffuse axonal injury. American Journal of Neuroradiology, 2007, 28, 236-42.	2.4	53
827	Metabolic phenotyping of hand automatisms in mesial temporal lobe epilepsy. EJNMMI Research, 2022, 12, .	2.5	2
832	Review of Quantitative Methods for the Detection of Alzheimer's Disease with Positron Emission Tomography. Applied Sciences (Switzerland), 2022, 12, 11463.	2.5	1
835	Sense of self in mind and body: an eLORETA-EEG study. Neuroscience of Consciousness, 2022, 2022, .	2.6	1
836	Motivational decline and proactive response under thermal environmental stress are related to emotion- and problem-focused coping, respectively: Questionnaire construction and fMRI study. Frontiers in Behavioral Neuroscience, 0, 17, .	2.0	2
837	Tissue Outcome Prediction in Patients with Proximal Vessel Occlusion and Mechanical Thrombectomy Using Logistic Models. Translational Stroke Research, 0, , .	4.2	0
838	Conflict and control in cortical responses to inconsistent emotional signals in a face-word Stroop. Frontiers in Human Neuroscience, 0, 17, .	2.0	1
839	A practical modelâ€based segmentation approach for improved activation detection in singleâ€subject functional magnetic resonance imaging studies. Human Brain Mapping, 2023, 44, 5309-5335.	3.6	0
840	Oxygen extraction fraction is not uniform in human brain: a positron emission tomography study. Journal of Physiological Sciences, 2023, 73, .	2.1	0
841	Exploring the impact of immersive virtual reality on depression knowledge and stigma reduction: a cross-over RCT fMRI study. Scientific Reports, 2024, 14 , .	3.3	0