

Patrick Dupont

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236
papers

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61
h-index

106
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250
ext. papers

14,123
ext. citations

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avg, IF

5.81
L-index

#	Paper	IF	Citations
236	Utility of positron emission tomography for the staging of patients with potentially operable esophageal carcinoma. <i>Journal of Clinical Oncology</i> , 2000 , 18, 3202-10	2.2	453
235	¹⁸ F-FDG-Positron emission tomography for the early prediction of response in advanced soft tissue sarcoma treated with imatinib mesylate (Glivec). <i>European Journal of Cancer</i> , 2003 , 39, 2012-20	7.5	424
234	Prognostic value of positron emission tomography (PET) with fluorine-18 fluorodeoxyglucose ([¹⁸ F]FDG) after first-line chemotherapy in non-Hodgkin's lymphoma: is [¹⁸ F]FDG-PET a valid alternative to conventional diagnostic methods?. <i>Journal of Clinical Oncology</i> , 2001 , 19, 414-9	2.2	405
233	Prognostic importance of the standardized uptake value on (¹⁸ F)-fluoro-2-deoxy-glucose-positron emission tomography scan in non-small-cell lung cancer: An analysis of 125 cases. Leuven Lung Cancer Group. <i>Journal of Clinical Oncology</i> , 1999 , 17, 3201-6	2.2	375
232	Long-term electrical capsular stimulation in patients with obsessive-compulsive disorder. <i>Neurosurgery</i> , 2003 , 52, 1263-72; discussion 1272-4	3.2	361
231	Parietal representation of symbolic and nonsymbolic magnitude. <i>Journal of Cognitive Neuroscience</i> , 2003 , 15, 47-56	3.1	333
230	Early restaging positron emission tomography with (¹⁸ F)-fluorodeoxyglucose predicts outcome in patients with aggressive non-Hodgkin's lymphoma. <i>Annals of Oncology</i> , 2002 , 13, 1356-63	10.3	323
229	Paroxysmal exercise-induced dyskinesia and epilepsy is due to mutations in SLC2A1, encoding the glucose transporter GLUT1. <i>Brain</i> , 2008 , 131, 1831-44	11.2	297
228	An iterative maximum-likelihood polychromatic algorithm for CT. <i>IEEE Transactions on Medical Imaging</i> , 2001 , 20, 999-1008	11.7	286
227	Lymph node staging in non-small-cell lung cancer with FDG-PET scan: a prospective study on 690 lymph node stations from 68 patients. <i>Journal of Clinical Oncology</i> , 1998 , 16, 2142-9	2.2	282
226	[¹⁸ F]MK-9470, a positron emission tomography (PET) tracer for in vivo human PET brain imaging of the cannabinoid-1 receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 9800-5	11.5	267
225	Simultaneous maximum a posteriori reconstruction of attenuation and activity distributions from emission sinograms. <i>IEEE Transactions on Medical Imaging</i> , 1999 , 18, 393-403	11.7	262
224	Many areas in the human brain respond to visual motion. <i>Journal of Neurophysiology</i> , 1994 , 72, 1420-4	3.2	224
223	Iterative reconstruction for helical CT: a simulation study. <i>Physics in Medicine and Biology</i> , 1998 , 43, 729-378	3.78	208
222	Additional value of whole-body positron emission tomography with fluorine-18-2-fluoro-2-deoxy-D-glucose in recurrent colorectal cancer. <i>Journal of Clinical Oncology</i> , 1999 , 17, 894-901	2.2	191
221	Prognostic value of pretransplantation positron emission tomography using fluorine 18-fluorodeoxyglucose in patients with aggressive lymphoma treated with high-dose chemotherapy and stem cell transplantation. <i>Blood</i> , 2003 , 102, 53-9	2.2	190
220	Metal streak artifacts in X-ray computed tomography: a simulation study. <i>IEEE Transactions on Nuclear Science</i> , 1999 , 46, 691-696	1.7	174

219	Reduction of metal streak artifacts in X-ray computed tomography using a transmission maximum a posteriori algorithm. <i>IEEE Transactions on Nuclear Science</i> , 2000 , 47, 977-981	1.7	161
218	[(18)F]FDG PET monitoring of tumour response to chemotherapy: does [(18)F]FDG uptake correlate with the viable tumour cell fraction?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003 , 30, 682-8	8.8	159
217	Mediastinal lymph node staging with FDG-PET scan in patients with potentially operable non-small cell lung cancer: a prospective analysis of 50 cases. Leuven Lung Cancer Group. <i>Chest</i> , 1997 , 112, 1480-6	5.3	143
216	Visualizing out-of-body experience in the brain. <i>New England Journal of Medicine</i> , 2007 , 357, 1829-33	59.2	142
215	Can positron emission tomography with [(18)F]-fluorodeoxyglucose after first-line treatment distinguish Hodgkin's disease patients who need additional therapy from others in whom additional therapy would mean avoidable toxicity?. <i>British Journal of Haematology</i> , 2001 , 115, 272-8	4.5	139
214	SPECT perfusion changes during complex partial seizures in patients with hippocampal sclerosis. <i>Brain</i> , 2003 , 126, 1103-11	11.2	138
213	Influence of experimentally induced anxiety on gastric sensorimotor function in humans. <i>Gastroenterology</i> , 2005 , 129, 1437-44	13.3	123
212	Attention to one or two features in left or right visual field: a positron emission tomography study. <i>Journal of Neuroscience</i> , 1997 , 17, 3739-50	6.6	122
211	Characterization of pinhole SPECT acquisition geometry. <i>IEEE Transactions on Medical Imaging</i> , 2003 , 22, 599-612	11.7	118
210	Generalizable representations of pain, cognitive control, and negative emotion in medial frontal cortex. <i>Nature Neuroscience</i> , 2018 , 21, 283-289	25.5	114
209	FDG-PET scan in potentially operable non-small cell lung cancer: do anatomometabolic PET-CT fusion images improve the localisation of regional lymph node metastases? The Leuven Lung Cancer Group. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1998 , 25, 1495-501	8.8	114
208	Potential use of FDG-PET scan after induction chemotherapy in surgically staged IIIa-N2 non-small-cell lung cancer: a prospective pilot study. The Leuven Lung Cancer Group. <i>Annals of Oncology</i> , 1998 , 9, 1193-8	10.3	114
207	. <i>IEEE Transactions on Nuclear Science</i> , 2002 , 49, 56-60	1.7	113
206	Correlations of interictal FDG-PET metabolism and ictal SPECT perfusion changes in human temporal lobe epilepsy with hippocampal sclerosis. <i>NeuroImage</i> , 2006 , 32, 684-95	7.9	112
205	The organisation of the bilingual lexicon: a PET study. <i>Journal of Neurolinguistics</i> , 2003 , 16, 439-456	1.9	111
204	A motion area in human visual cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 993-7	11.5	110
203	The use of SPECT and PET in routine clinical practice in epilepsy. <i>Current Opinion in Neurology</i> , 2007 , 20, 194-202	7.1	104
202	Lesion evidence for the critical role of the intraparietal sulcus in spatial attention. <i>Brain</i> , 2011 , 134, 1694-709	11.09	101

201	Metabolic imaging of anterior capsular stimulation in refractory obsessive-compulsive disorder: a key role for the subgenual anterior cingulate and ventral striatum. <i>Journal of Nuclear Medicine</i> , 2006 , 47, 740-7	8.9	99
200	Evaluation of anatomy based reconstruction for partial volume correction in brain FDG-PET. <i>NeuroImage</i> , 2004 , 23, 305-17	7.9	97
199	Regional brain activation during proximal stomach distention in humans: A positron emission tomography study. <i>Gastroenterology</i> , 2005 , 128, 564-73	13.3	96
198	Canonical decomposition of ictal scalp EEG reliably detects the seizure onset zone. <i>NeuroImage</i> , 2007 , 37, 844-54	7.9	95
197	Abnormal regional brain activity during rest and (anticipated) gastric distension in functional dyspepsia and the role of anxiety: a H(2)(15)O-PET study. <i>American Journal of Gastroenterology</i> , 2010 , 105, 913-24	0.7	93
196	Gender-dependent increases with healthy aging of the human cerebral cannabinoid-type 1 receptor binding using [(18)F]MK-9470 PET. <i>NeuroImage</i> , 2008 , 39, 1533-41	7.9	93
195	Evaluation of hypoxia in an experimental rat tumour model by [(18)F]fluoromisonidazole PET and immunohistochemistry. <i>British Journal of Cancer</i> , 2004 , 91, 1947-54	8.7	93
194	Laryngeal tumor volume measurements determined with CT: a study on intra- and interobserver variability. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998 , 40, 553-7	4	92
193	Anatomical-based FDG-PET reconstruction for the detection of hypo-metabolic regions in epilepsy. <i>IEEE Transactions on Medical Imaging</i> , 2004 , 23, 510-9	11.7	90
192	Regional cerebral blood flow during gastric balloon distention in functional dyspepsia. <i>Gastroenterology</i> , 2007 , 132, 1684-93	13.3	88
191	Human brain regions involved in heading estimation. <i>Journal of Neuroscience</i> , 2001 , 21, 2451-61	6.6	88
190	Value of 18fluorodeoxyglucose-positron-emission tomography in amyotrophic lateral sclerosis: a prospective study. <i>JAMA Neurology</i> , 2014 , 71, 553-61	17.2	86
189	Graph analysis of functional brain networks for cognitive control of action in traumatic brain injury. <i>Brain</i> , 2012 , 135, 1293-307	11.2	86
188	Human brain regions involved in visual categorization. <i>NeuroImage</i> , 2002 , 16, 401-14	7.9	84
187	Human brain regions involved in direction discrimination. <i>Journal of Neurophysiology</i> , 1998 , 79, 2749-65	3.2	82
186	Similarity of fMRI activity patterns in left perirhinal cortex reflects semantic similarity between words. <i>Journal of Neuroscience</i> , 2013 , 33, 18597-607	6.6	80
185	Positron emission tomography, magnetic resonance imaging and proton NMR spectroscopy of white matter in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 1997 , 3, 8-17	5	77
184	Amyloid PET in clinical practice: Its place in the multidimensional space of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2013 , 2, 497-511	5.3	74

183	18-FDG PET scan in the staging of recurrent melanoma: additional value and therapeutic impact. <i>Melanoma Research</i> , 2002 , 12, 479-90	3.3	72
182	Regional brain activity in functional dyspepsia: a H(2)(15)O-PET study on the role of gastric sensitivity and abuse history. <i>Gastroenterology</i> , 2010 , 139, 36-47	13.3	70
181	Improving the interpretation of ictal scalp EEG: BSS-CCA algorithm for muscle artifact removal. <i>Epilepsia</i> , 2007 , 48, 950-8	6.4	70
180	Size quantification of liver metastases in patients undergoing cancer treatment: reproducibility of one-, two-, and three-dimensional measurements determined with spiral CT. <i>Radiology</i> , 1997 , 202, 671-5 ^{20.5}	20.5	66
179	Gesture discrimination in primary progressive aphasia: the intersection between gesture and language processing pathways. <i>Journal of Neuroscience</i> , 2010 , 30, 6334-41	6.6	65
178	Different perceptual tasks performed with the same visual stimulus attribute activate different regions of the human brain: a positron emission tomography study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 10927-31	11.5	65
177	Maximum-likelihood expectation-maximization reconstruction of sinograms with arbitrary noise distribution using NEC-transformations. <i>IEEE Transactions on Medical Imaging</i> , 2001 , 20, 365-75	11.7	64
176	Blood flow in human anterior temporal cortex decreases with stimulus familiarity. <i>NeuroImage</i> , 1995 , 2, 306-13	7.9	61
175	Comparison between MAP and postprocessed ML for image reconstruction in emission tomography when anatomical knowledge is available. <i>IEEE Transactions on Medical Imaging</i> , 2005 , 24, 667-75	11.7	59
174	Ictal perfusion patterns associated with single MRI-visible focal dysplastic lesions: implications for the noninvasive delineation of the epileptogenic zone. <i>Epilepsia</i> , 2006 , 47, 1550-7	6.4	59
173	Visualisation of loss of 5-HT _{2A} receptors with age in healthy volunteers using [18F]altanserin and positron emission tomographic imaging. <i>Psychiatry Research - Neuroimaging</i> , 1996 , 68, 11-22	2.9	59
172	Lesion neuroanatomy of the Sustained Attention to Response task. <i>Neuropsychologia</i> , 2009 , 47, 2866-75 ^{3.2}	3.2	58
171	Word reading and posterior temporal dysfunction in amnesic mild cognitive impairment. <i>Cerebral Cortex</i> , 2007 , 17, 542-51	5.1	56
170	Abeta amyloid deposition in the language system and how the brain responds. <i>Brain</i> , 2007 , 130, 2055-69 ^{11.2}	11.2	55
169	Resting brain perfusion in social anxiety disorder: a voxel-wise whole brain comparison with healthy control subjects. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008 , 32, 1251-6	5.5	52
168	Wake-up stroke and stroke of unknown onset: a critical review. <i>Frontiers in Neurology</i> , 2014 , 5, 153	4.1	50
167	Motor learning-induced changes in functional brain connectivity as revealed by means of graph-theoretical network analysis. <i>NeuroImage</i> , 2012 , 61, 633-50	7.9	49
166	Task dependency of visual processing in the human visual system. <i>Behavioural Brain Research</i> , 1996 , 76, 215-23	3.4	49

165	Longitudinal microPET imaging of brain glucose metabolism in rat lithium-pilocarpine model of epilepsy. <i>Experimental Neurology</i> , 2009 , 217, 205-9	5.7	48
164	Color discrimination involves ventral and dorsal stream visual areas. <i>Cerebral Cortex</i> , 2004 , 14, 803-22	5.1	48
163	Human brain activity related to orientation discrimination tasks. <i>European Journal of Neuroscience</i> , 1997 , 9, 246-59	3.5	47
162	Status gelasticus after temporal lobectomy: ictal FDG-PET findings and the question of dual pathology involving hypothalamic hamartomas. <i>Epilepsia</i> , 2005 , 46, 1313-6	6.4	47
161	Human brain activity related to speed discrimination tasks. <i>Experimental Brain Research</i> , 1998 , 122, 9-22	2.3	46
160	Maintaining and shifting attention within left or right hemifield. <i>Cerebral Cortex</i> , 2000 , 10, 706-13	5.1	45
159	Altered brain and gut responses to corticotropin-releasing hormone (CRH) in patients with irritable bowel syndrome. <i>Scientific Reports</i> , 2017 , 7, 12425	4.9	44
158	Cortical deactivations during gastric fundus distension in health: visceral pain-specific response or attenuation of default mode brain function? A H2 15O-PET study. <i>Neurogastroenterology and Motility</i> , 2009 , 21, 259-71	4	44
157	The utility of SPECT in determining the relationship between radiation dose and salivary gland dysfunction after radiotherapy. <i>Nuclear Medicine Communications</i> , 2001 , 22, 225-31	1.6	43
156	The neural substrate of orientation working memory. <i>Journal of Cognitive Neuroscience</i> , 2001 , 13, 813-28	3.1	42
155	Understanding Neurogastroenterology From Neuroimaging Perspective: A Comprehensive Review of Functional and Structural Brain Imaging in Functional Gastrointestinal Disorders. <i>Journal of Neurogastroenterology and Motility</i> , 2018 , 24, 512-527	4.4	38
154	Diagnostic value of cerebrospinal fluid A β ratios in preclinical Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2015 , 7, 75	9	38
153	Uncertainty in anticipation of uncomfortable rectal distension is modulated by the autonomic nervous system—a fMRI study in healthy volunteers. <i>NeuroImage</i> , 2015 , 107, 10-22	7.9	37
152	Binary classification of 18 F-flutemetamol PET using machine learning: comparison with visual reads and structural MRI. <i>NeuroImage</i> , 2013 , 64, 517-25	7.9	37
151	Polymorphism of brain derived neurotrophic factor influences β amyloid load in cognitively intact apolipoprotein E ϵ carriers. <i>NeuroImage: Clinical</i> , 2013 , 2, 512-20	5.3	36
150	The quantitative nature of a visual task differentiates between ventral and dorsal stream. <i>Journal of Cognitive Neuroscience</i> , 2002 , 14, 646-58	3.1	35
149	Human cerebral activity evoked by motion reversal and motion onset. A PET study. <i>Brain</i> , 1998 , 121 (Pt 1), 143-57	11.2	33
148	Long term clinical outcome of peripheral nerve stimulation in patients with chronic peripheral neuropathic pain. <i>World Neurosurgery</i> , 2009 , 72, 330-5; discussion 335		32

147	Alberta Stroke Program Early CT Score Versus Computed Tomographic Perfusion to Predict Functional Outcome After Successful Reperfusion in Acute Ischemic Stroke. <i>Stroke</i> , 2018 , 49, 2361-2367	6.7	32
146	The associative-semantic network for words and pictures: effective connectivity and graph analysis. <i>Brain and Language</i> , 2013 , 127, 264-72	2.9	31
145	Dynamic perfusion patterns in temporal lobe epilepsy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 823-30	8.8	31
144	Anatomy-based reconstruction of FDG-PET images with implicit partial volume correction improves detection of hypometabolic regions in patients with epilepsy due to focal cortical dysplasia diagnosed on MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37, 1148-55	8.8	31
143	The role of somatosensory cortical regions in the processing of painful gastric fundic distension: an update of brain imaging findings. <i>Neurogastroenterology and Motility</i> , 2008 , 20, 479-87	4	31
142	Stability properties of Potts neural networks with biased patterns and low loading. <i>Journal of Physics A</i> , 1991 , 24, 1065-1081		31
141	Cytoarchitectonic mapping of attentional selection and reorienting in parietal cortex. <i>NeuroImage</i> , 2013 , 67, 257-72	7.9	30
140	Bimanual motor coordination in older adults is associated with increased functional brain connectivity--a graph-theoretical analysis. <i>PLoS ONE</i> , 2013 , 8, e62133	3.7	30
139	The amodal system for conscious word and picture identification in the absence of a semantic task. <i>NeuroImage</i> , 2010 , 49, 3295-307	7.9	30
138	Association Between Time From Stroke Onset and Fluid-Attenuated Inversion Recovery Lesion Intensity Is Modified by Status of Collateral Circulation. <i>Stroke</i> , 2016 , 47, 1018-22	6.7	30
137	Kinetic modelling in small animal imaging with PET. <i>Methods</i> , 2009 , 48, 98-103	4.6	29
136	Thermodynamic properties of the Q-state Potts-glass neural network. <i>Physical Review A</i> , 1992 , 45, 4194-4197	4.697	29
135	Amyloid imaging in cognitively normal older adults: comparison between (18)F-flutemetamol and (11)C-Pittsburgh compound B. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 142-151	8.8	28
134	Brain responses to uncertainty about upcoming rectal discomfort in quiescent Crohn's disease - a fMRI study. <i>Neurogastroenterology and Motility</i> , 2016 , 28, 1419-32	4	28
133	Regions in the human brain activated by simultaneous orientation discrimination: a study with positron emission tomography. <i>European Journal of Neuroscience</i> , 1998 , 10, 3689-99	3.5	28
132	Regional brain activity during shape recognition impaired by a scopolamine challenge to encoding. <i>European Journal of Neuroscience</i> , 1999 , 11, 3701-14	3.5	28
131	Removing muscle and eye artifacts using blind source separation techniques in ictal EEG source imaging. <i>Clinical Neurophysiology</i> , 2009 , 120, 1262-72	4.3	27
130	Tensor decompositions and data fusion in epileptic electroencephalography and functional magnetic resonance imaging data. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2017 , 7, e1197	6.9	26

129	Reducing loss of image quality because of the attenuation artifact in uncorrected PET whole-body images. <i>Journal of Nuclear Medicine</i> , 2002 , 43, 1054-62	8.9	26
128	Cross-modal representation of spoken and written word meaning in left pars triangularis. <i>NeuroImage</i> , 2017 , 150, 292-307	7.9	25
127	Different regional brain activity during physiological gastric distension compared to balloon distension: a H2 15O-PET study. <i>Neurogastroenterology and Motility</i> , 2011 , 23, 533-e203	4	25
126	Comparison of Different Generalizations of Clustering Coefficient and Local Efficiency for Weighted Undirected Graphs. <i>Neural Computation</i> , 2017 , 29, 313-331	2.9	24
125	Correspondence between large-scale ictal and interictal epileptic networks revealed by single photon emission computed tomography (SPECT) and electroencephalography (EEG)-functional magnetic resonance imaging (fMRI). <i>Epilepsia</i> , 2015 , 56, 382-92	6.4	24
124	Impact of metal artefacts due to EEG electrodes in brain PET/CT imaging. <i>Physics in Medicine and Biology</i> , 2008 , 53, 4417-29	3.8	24
123	Cognitive deficits during status epilepticus and time course of recovery: a case report. <i>Epilepsia</i> , 2007 , 48, 1979-83	6.4	24
122	A comparison of the effects of citalopram and moclobemide on resting brain perfusion in social anxiety disorder. <i>Metabolic Brain Disease</i> , 2006 , 21, 241-52	3.9	24
121	Image-derived input function for [¹¹ C]flumazenil kinetic analysis in human brain. <i>Molecular Imaging and Biology</i> , 2003 , 5, 72-8	3.8	24
120	Dopamine transporter binding in social anxiety disorder: the effect of treatment with escitalopram. <i>Metabolic Brain Disease</i> , 2012 , 27, 151-8	3.9	23
119	Functional Changes in the Language Network in Response to Increased Amyloid β Deposition in Cognitively Intact Older Adults. <i>Cerebral Cortex</i> , 2016 , 26, 358-73	5.1	22
118	In vivo characterization and dynamic receptor occupancy imaging of TPA023B, an alpha 2/alpha 3/alpha 5 subtype selective gamma-aminobutyric acid-a partial agonist. <i>Biological Psychiatry</i> , 2008 , 64, 153-61	7.9	22
117	Comparative analysis of MR imaging, ictal SPECT and EEG in temporal lobe epilepsy: a prospective IAEA multi-center study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 107-15	8.8	22
116	On the overlap dynamics of multi-state neural networks with a finite number of patterns. <i>Journal of Physics A</i> , 1992 , 25, 2859-2872		22
115	Use of Multimodal Imaging and Clinical Biomarkers in Presymptomatic Carriers of C9orf72 Repeat Expansion. <i>JAMA Neurology</i> , 2020 , 77, 1008-1017	17.2	21
114	Cerebral regions processing first- and higher-order motion in an opposed-direction discrimination task. <i>European Journal of Neuroscience</i> , 2003 , 17, 1509-17	3.5	21
113	Left perirhinal cortex codes for similarity in meaning between written words: Comparison with auditory word input. <i>Neuropsychologia</i> , 2015 , 76, 4-16	3.2	20
112	ICA extracts epileptic sources from fMRI in EEG-negative patients: a retrospective validation study. <i>PLoS ONE</i> , 2013 , 8, e78796	3.7	20

111	Differential Activation in Amygdala and Plasma Noradrenaline during Colorectal Distention by Administration of Corticotropin-Releasing Hormone between Healthy Individuals and Patients with Irritable Bowel Syndrome. <i>PLoS ONE</i> , 2016 , 11, e0157347	3.7	20
110	A prospective fMRI-based technique for localising the epileptogenic zone in presurgical evaluation of epilepsy. <i>NeuroImage</i> , 2015 , 113, 329-39	7.9	19
109	A Time-Varying Connectivity Analysis from Distributed EEG Sources: A Simulation Study. <i>Brain Topography</i> , 2018 , 31, 721-737	4.3	19
108	A reliable and time-saving semiautomatic spike-template-based analysis of interictal EEG-fMRI. <i>Epilepsia</i> , 2014 , 55, 2048-58	6.4	19
107	Right hemisphere recruitment during language processing in frontotemporal lobar degeneration and Alzheimer's disease. <i>Journal of Molecular Neuroscience</i> , 2011 , 45, 637-47	3.3	19
106	Changes in regional brain volumes in social anxiety disorder following 12 weeks of treatment with escitalopram. <i>Metabolic Brain Disease</i> , 2010 , 25, 369-74	3.9	19
105	Involvement of multiple functionally distinct cerebellar regions in visual discrimination: a human functional imaging study. <i>NeuroImage</i> , 2003 , 20, 840-54	7.9	19
104	Influence of Uncertain Anticipation on Brain Responses to Aversive Rectal Distension in Patients With Irritable Bowel Syndrome. <i>Psychosomatic Medicine</i> , 2017 , 79, 988-999	3.7	18
103	Positron-emission tomography imaging of long-term shape recognition challenges. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 7627-32	11.5	18
102	Feature-based statistical analysis of structural MR data for automatic detection of focal cortical dysplastic lesions. <i>NeuroImage</i> , 2005 , 27, 253-66	7.9	18
101	Randomized crossover sham-controlled clinical trial of targeted low-frequency transcranial magnetic stimulation comparing a figure-8 and a round coil to treat refractory neocortical epilepsy. <i>Epilepsia</i> , 2016 , 57, 141-50	6.4	18
100	Effect of corticosteroids on 18F-FDG uptake in tumor lesions after chemotherapy. <i>Journal of Nuclear Medicine</i> , 2007 , 48, 390-7	8.9	18
99	Mean-field theory for the Q-state Potts-glass neural network with biased patterns. <i>Journal of Physics A</i> , 1993 , 26, 549-562		17
98	Cholinergic depletion and basal forebrain volume in primary progressive aphasia. <i>NeuroImage: Clinical</i> , 2017 , 13, 271-279	5.3	16
97	Different Mismatch Concepts for Magnetic Resonance Imaging-Guided Thrombolysis in Unknown Onset Stroke. <i>Annals of Neurology</i> , 2020 , 87, 931-938	9.4	16
96	Association between the perfusion/diffusion and diffusion/FLAIR mismatch: data from the AXIS2 trial. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 1681-6	7.3	16
95	The Optimal Storage Capacity for a Neural Network with Multi-State Neurons. <i>Europhysics Letters</i> , 1991 , 15, 893-898	1.6	16
94	Common and distinct neural representations of aversive somatic and visceral stimulation in healthy individuals. <i>Nature Communications</i> , 2020 , 11, 5939	17.4	15

93	Methamphetamine dependence with and without psychotic symptoms: A multi-modal brain imaging study. <i>NeuroImage: Clinical</i> , 2018 , 20, 1157-1162	5.3	15
92	Magnetic resonance imaging-based endovascular versus medical stroke treatment for symptom onset up to 12 h. <i>International Journal of Stroke</i> , 2016 , 11, 127-33	6.3	14
91	Sensitivity and Specificity of Interictal EEG-fMRI for Detecting the Ictal Onset Zone at Different Statistical Thresholds. <i>Frontiers in Neurology</i> , 2014 , 5, 131	4.1	14
90	Quantitative 18F-FDG PET-CT scan characteristics correlate with tuberculosis treatment response. <i>EJNMMI Research</i> , 2020 , 10, 8	3.6	13
89	Differential brain responses to gradual intragastric nutrient infusion and gastric balloon distension: A role for gut peptides?. <i>NeuroImage</i> , 2017 , 144, 101-112	7.9	12
88	Frequency-dependent functional connectivity in resting state networks. <i>Human Brain Mapping</i> , 2020 , 41, 5187-5198	5.9	12
87	Resting functional connectivity in social anxiety disorder and the effect of pharmacotherapy. <i>Psychiatry Research - Neuroimaging</i> , 2016 , 251, 34-44	2.9	12
86	Endogenous GLP-1 alters postprandial functional connectivity between homeostatic and reward-related brain regions involved in regulation of appetite in healthy lean males: A pilot study. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 2330-2338	6.7	12
85	Voxel-based comparison of state-of-the-art reconstruction algorithms for 18F-FDG PET brain imaging using simulated and clinical data. <i>NeuroImage</i> , 2014 , 102 Pt 2, 875-84	7.9	11
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