

Patrick Dupont

List of Publications by Year in Descending Order

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

236
papers

12,541
citations

61
h-index

106
g-index

250
ext. papers

14,123
ext. citations

5.9
avg, IF

5.81
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 236 | Diffusion-Weighted Imaging and Fluid-Attenuated Inversion Recovery Quantification to Predict Diffusion-Weighted Imaging-Fluid-Attenuated Inversion Recovery Mismatch Status in Ischemic Stroke With Unknown Onset.. <i>Stroke</i> , 2022 , STROKEAHA121036871 | 6.7 | 1 |
| 235 | Lack of association between bridging integrator 1 () rs744373 polymorphism and tau-PET load in cognitively intact older adults.. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2022 , 8, e12227 | 6 | 0 |
| 234 | An atlas of white matter anatomy, its variability, and reproducibility based on Constrained Spherical Deconvolution of diffusion MRI.. <i>NeuroImage</i> , 2022 , 119029 | 7.9 | 1 |
| 233 | Classification of F-Flutemetamol scans in cognitively normal older adults using machine learning trained with neuropathology as ground truth.. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022 , 1 | 8.8 | 0 |
| 232 | Phospho-specific plasma p-tau181 assay detects clinical as well as asymptomatic Alzheimer's disease.. <i>Annals of Clinical and Translational Neurology</i> , 2022 , | 5.3 | 2 |
| 231 | Augmenting interictal mapping with neurovascular coupling biomarkers by structured factorization of epileptic EEG and fMRI data. <i>NeuroImage</i> , 2021 , 228, 117652 | 7.9 | 8 |
| 230 | Baseline cognition is the best predictor of 4-year cognitive change in cognitively intact older adults. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 75 | 9 | 5 |
| 229 | Virtual brain grafting: Enabling whole brain parcellation in the presence of large lesions. <i>NeuroImage</i> , 2021 , 229, 117731 | 7.9 | 6 |
| 228 | A Role of PET/MR Imaging in Dementia?. <i>Seminars in Nuclear Medicine</i> , 2021 , 51, 296-302 | 5.4 | 1 |
| 227 | Hyperintense acute reperfusion marker associated with hemorrhagic transformation in the WAKE-UP trial. <i>European Stroke Journal</i> , 2021 , 6, 128-133 | 5.6 | 0 |
| 226 | Age-related GABAergic differences in the primary sensorimotor cortex: A multimodal approach combining PET, MRS and TMS. <i>NeuroImage</i> , 2021 , 226, 117536 | 7.9 | 6 |
| 225 | In vivo synaptic density relates to glucose metabolism at rest in healthy subjects, but is strongly modulated by regional differences. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 1978-1987 | 7.3 | 9 |
| 224 | Quantitative MRI phenotypes capture biological heterogeneity in multiple sclerosis patients. <i>Scientific Reports</i> , 2021 , 11, 1573 | 4.9 | 0 |
| 223 | Predictive value of metabolic and perfusion changes outside the seizure onset zone for postoperative outcome in patients with refractory focal epilepsy. <i>Acta Neurologica Belgica</i> , 2021 , 1 | 1.5 | 0 |
| 222 | Reversible Edema in the Penumbra Correlates With Severity of Hypoperfusion. <i>Stroke</i> , 2021 , 52, 2338-2346 | 3.6 | 0 |
| 221 | Erythritol and xylitol differentially impact brain networks involved in appetite regulation in healthy volunteers. <i>Nutritional Neuroscience</i> , 2021 , 1-15 | 3.6 | 1 |
| 220 | Lower regional gray matter volume in the absence of higher cortical amyloid burden in late-life depression. <i>Scientific Reports</i> , 2021 , 11, 15981 | 4.9 | 3 |

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|-----|--|------|----|
| 219 | Changes in the language system as amyloid- β accumulates. <i>Brain</i> , 2021 , | 11.2 | 3 |
| 218 | Assessment of Alzheimer's disease polygenic risk score on longitudinal amyloid accumulation in cognitively intact older adults.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 3, e055201 | 1.2 | |
| 217 | Differential involvement of limbic and paralimbic cortex in episodic memory processing in cognitive aging and neurodegeneration. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044516 | 1.2 | |
| 216 | Longitudinal changes in [18F]Flutemetamol load in cognitively intact APOE ϵ carriers vs noncarriers: Comparison of three reference regions. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044534 | 1.2 | |
| 215 | Classification of 18F-flutemetamol scans using machine learning with neuropathology as standard of truth. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044550 | 1.2 | |
| 214 | Representation of associative and affective semantic similarity of abstract words in the lateral temporal perisylvian language regions. <i>NeuroImage</i> , 2020 , 217, 116892 | 7.9 | 4 |
| 213 | 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 |
| 212 | Imaging Brain Mechanisms of Functional Somatic Syndromes: Potential as a Biomarker?. <i>Tohoku Journal of Experimental Medicine</i> , 2020 , 250, 137-152 | 2.4 | 4 |
| 211 | Resting state functional connectivity of the pain matrix and default mode network in irritable bowel syndrome: a graph theoretical analysis. <i>Scientific Reports</i> , 2020 , 10, 11015 | 4.9 | 5 |
| 210 | CHIT1 at Diagnosis Reflects Long-Term Multiple Sclerosis Disease Activity. <i>Annals of Neurology</i> , 2020 , 87, 633-645 | 9.4 | 10 |
| 209 | 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 |
| 208 | Quantitative 18F-FDG PET-CT scan characteristics correlate with tuberculosis treatment response. <i>EJNMMI Research</i> , 2020 , 10, 8 | 3.6 | 13 |
| 207 | Automated speech analysis to improve TMS-based language mapping: Algorithm and proof of concept. <i>Brain Stimulation</i> , 2020 , 13, 267-269 | 5.1 | 1 |
| 206 | Insula Activity to Visceral Stimulation and Endocrine Stress Responses as Associated With Alexithymia in Patients With Irritable Bowel Syndrome. <i>Psychosomatic Medicine</i> , 2020 , 82, 29-38 | 3.7 | 9 |
| 205 | Common and distinct neural representations of aversive somatic and visceral stimulation in healthy individuals. <i>Nature Communications</i> , 2020 , 11, 5939 | 17.4 | 15 |
| 204 | Network level characteristics in the emotion recognition network after unilateral temporal lobe surgery. <i>European Journal of Neuroscience</i> , 2020 , 52, 3470-3484 | 3.5 | 6 |
| 203 | Reproducibility of graph measures at the subject level using resting-state fMRI. <i>Brain and Behavior</i> , 2020 , 10, 2336-2351 | 3.4 | 8 |
| 202 | Frequency-dependent functional connectivity in resting state networks. <i>Human Brain Mapping</i> , 2020 , 41, 5187-5198 | 5.9 | 12 |

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|-----|---|------|-----|
| 201 | Total mismatch in diffusion negative patients in the WAKE-UP trial. <i>International Journal of Stroke</i> , 2019 , 14, NP20-NP22 | 6.3 | 3 |
| 200 | Parasympathetic activity correlates with subjective and brain responses to rectal distension in healthy subjects but not in non-constipated patients with irritable bowel syndrome. <i>Scientific Reports</i> , 2019 , 9, 7358 | 4.9 | 7 |
| 199 | Early prediction of donepezil cognitive response in Alzheimer's disease by brain perfusion single photon emission tomography. <i>Brain Imaging and Behavior</i> , 2019 , 13, 1665-1673 | 4.1 | 1 |
| 198 | Semi-automated EEG Enhancement Improves Localization of Ictal Onset Zone With EEG-Correlated fMRI. <i>Frontiers in Neurology</i> , 2019 , 10, 805 | 4.1 | 5 |
| 197 | Long-term impact of prenatal exposure to chemotherapy on executive functioning: An ERP study. <i>Clinical Neurophysiology</i> , 2019 , 130, 1655-1664 | 4.3 | 2 |
| 196 | Left perirhinal cortex codes for semantic similarity between written words defined from cued word association. <i>NeuroImage</i> , 2019 , 191, 127-139 | 7.9 | 11 |
| 195 | Automated DWI analysis can identify patients within the thrombolysis time window of 4.5 hours. <i>Neurology</i> , 2018 , 90, e1570-e1577 | 6.5 | 6 |
| 194 | A Time-Varying Connectivity Analysis from Distributed EEG Sources: A Simulation Study. <i>Brain Topography</i> , 2018 , 31, 721-737 | 4.3 | 19 |
| 193 | Generalizable representations of pain, cognitive control, and negative emotion in medial frontal cortex. <i>Nature Neuroscience</i> , 2018 , 21, 283-289 | 25.5 | 114 |
| 192 | Studying emotion theories through connectivity analysis: Evidence from generalized psychophysiological interactions and graph theory. <i>NeuroImage</i> , 2018 , 172, 250-262 | 7.9 | 7 |
| 191 | Single-word comprehension deficits in the nonfluent variant of primary progressive aphasia. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 68 | 9 | 10 |
| 190 | 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 |
| 189 | Distinct [F]THK5351 binding patterns in primary progressive aphasia variants. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 2342-2357 | 8.8 | 8 |
| 188 | On the optimal z-score threshold for SISCOM analysis to localize the ictal onset zone. <i>EJNMMI Research</i> , 2018 , 8, 34 | 3.6 | 7 |
| 187 | Correlation of neuropsychological and metabolic changes after epilepsy surgery in patients with left mesial temporal lobe epilepsy with hippocampal sclerosis. <i>EJNMMI Research</i> , 2018 , 8, 31 | 3.6 | 6 |
| 186 | Quantitative Analyses Help in Choosing Between Simultaneous vs. Separate EEG and fMRI. <i>Frontiers in Neuroscience</i> , 2018 , 12, 1009 | 5.1 | 5 |
| 185 | Resting regional brain metabolism in social anxiety disorder and the effect of moclobemide therapy. <i>Metabolic Brain Disease</i> , 2018 , 33, 569-581 | 3.9 | 2 |
| 184 | Tracking posttraumatic hemianopia. <i>Journal of Neurology</i> , 2018 , 265, 41-45 | 5.5 | 6 |

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| 183 | O3-10-03: A POLYGENIC AD RISK SCORE PREDICTS AMYLOID ACCUMULATION OVER A 6-YEAR INTERVAL IN COGNITIVELY INTACT OLDER ADULTS 2018 , 14, P1041-P1042 | | |
| 182 | IC-P-068: A POLYGENIC AD RISK SCORE PREDICTS AMYLOID ACCUMULATION OVER A 6-YEAR INTERVAL IN COGNITIVELY INTACT OLDER ADULTS 2018 , 14, P61-P62 | | |
| 181 | A semi-automatic technique to quantify complex tuberculous lung lesions on F-fluorodeoxyglucose positron emission tomography/computerised tomography images. <i>EJNMMI Research</i> , 2018 , 8, 55 | 3.6 | 9 |
| 180 | The effect of occipital nerve field stimulation on the descending pain pathway in patients with fibromyalgia: a water PET and EEG imaging study. <i>BMC Neurology</i> , 2018 , 18, 191 | 3.1 | 11 |
| 179 | Nuclear Neuroimaging in Social Anxiety Disorder: A Review. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 1794-1800 | 3.9 | 5 |
| 178 | Methamphetamine dependence with and without psychotic symptoms: A multi-modal brain imaging study. <i>NeuroImage: Clinical</i> , 2018 , 20, 1157-1162 | 5.3 | 15 |
| 177 | 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 |
| 176 | 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 |
| 175 | Multimodal magnetic resonance imaging to identify stroke onset within 6 h in patients with large vessel occlusions. <i>European Stroke Journal</i> , 2018 , 3, 185-192 | 5.6 | 2 |
| 174 | Cross-modal representation of spoken and written word meaning in left pars triangularis. <i>NeuroImage</i> , 2017 , 150, 292-307 | 7.9 | 25 |
| 173 | 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 |
| 172 | Cholinergic depletion and basal forebrain volume in primary progressive aphasia. <i>NeuroImage: Clinical</i> , 2017 , 13, 271-279 | 5.3 | 16 |
| 171 | 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 |
| 170 | Brain responses to vestibular pain and its anticipation in women with Genito-Pelvic Pain/Penetration Disorder. <i>NeuroImage: Clinical</i> , 2017 , 16, 477-490 | 5.3 | 10 |
| 169 | Resting-state fMRI and social cognition: An opportunity to connect. <i>Human Psychopharmacology</i> , 2017 , 32, e2627 | 2.3 | 3 |
| 168 | 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 |
| 167 | Coordinative task difficulty and behavioural errors are associated with increased long-range beta band synchronization. <i>NeuroImage</i> , 2017 , 146, 883-893 | 7.9 | 9 |
| 166 | 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 |

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| 165 | 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 |
| 164 | Electrocorticography of Spatial Shifting and Attentional Selection in Human Superior Parietal Cortex. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 240 | 3.3 | 5 |
| 163 | Representation of Semantic Similarity in the Left Intraparietal Sulcus: Functional Magnetic Resonance Imaging Evidence. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 402 | 3.3 | 6 |
| 162 | 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 |
| 161 | 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 |
| 160 | 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 |
| 159 | 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 |
| 158 | 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 |
| 157 | P1-319: The Effect of Gray Matter Volume and Amyloid Load on Normal Cognitive Performance in Cognitively Intact Older Adults 2016 , 12, P547-P547 | | |
| 156 | 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 |
| 155 | Resting functional connectivity in social anxiety disorder and the effect of pharmacotherapy. <i>Psychiatry Research - Neuroimaging</i> , 2016 , 251, 34-44 | 2.9 | 12 |
| 154 | Prediction of Stroke Onset Is Improved by Relative Fluid-Attenuated Inversion Recovery and Perfusion Imaging Compared to the Visual Diffusion-Weighted Imaging/Fluid-Attenuated Inversion Recovery Mismatch. <i>Stroke</i> , 2016 , 47, 2559-64 | 6.7 | 11 |
| 153 | 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 |
| 152 | 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 |
| 151 | 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 |
| 150 | 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 |
| 149 | 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 |
| 148 | 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 |

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| 147 | O2-10-03: In vivo characterization of basal forebrain atrophy and cholinergic denervation in primary progressive aphasia 2015 , 11, P198-P198 | | |
| 146 | Comparison of different Kalman filter approaches in deriving time varying connectivity from EEG data. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 2199-202 | 0.9 | 10 |
| 145 | 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 |
| 144 | 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 |
| 143 | Reproducibility and robustness of graph measures of the associative-semantic network. <i>PLoS ONE</i> , 2014 , 9, e115215 | 3.7 | 8 |
| 142 | Automatic selection of epileptic independent fMRI components. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 3853-6 | 0.9 | 0 |
| 141 | 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 |
| 140 | Value of 18fluorodeoxyglucose-positron-emission tomography in amyotrophic lateral sclerosis: a prospective study. <i>JAMA Neurology</i> , 2014 , 71, 553-61 | 17.2 | 86 |
| 139 | Wake-up stroke and stroke of unknown onset: a critical review. <i>Frontiers in Neurology</i> , 2014 , 5, 153 | 4.1 | 50 |
| 138 | A reliable and time-saving semiautomatic spike-template-based analysis of interictal EEG-fMRI. <i>Epilepsia</i> , 2014 , 55, 2048-58 | 6.4 | 19 |
| 137 | Cytoarchitectonic mapping of attentional selection and reorienting in parietal cortex. <i>NeuroImage</i> , 2013 , 67, 257-72 | 7.9 | 30 |
| 136 | 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 |
| 135 | Spatial stimulus configuration and attentional selection: extrastriate and superior parietal interactions. <i>Cerebral Cortex</i> , 2013 , 23, 2840-54 | 5.1 | 8 |
| 134 | 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 |
| 133 | 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 |
| 132 | Lack of endogenous opioid release during sustained visceral pain: a [11 C]carfentanil PET study. <i>Pain</i> , 2013 , 154, 2072-2077 | 8 | 9 |
| 131 | Right fusiform response patterns reflect visual object identity rather than semantic similarity. <i>NeuroImage</i> , 2013 , 83, 87-97 | 7.9 | 11 |
| 130 | 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 |

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| 129 | 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 |
| 128 | ICA extracts epileptic sources from fMRI in EEG-negative patients: a retrospective validation study. <i>PLoS ONE</i> , 2013 , 8, e78796 | 3.7 | 20 |
| 127 | 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 |
| 126 | Chronometry of word and picture identification: common and modality-specific effects. <i>NeuroImage</i> , 2012 , 59, 3701-12 | 7.9 | 3 |
| 125 | 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 |
| 124 | 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 |
| 123 | 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 |
| 122 | Different regional brain activity during physiological gastric distension compared to balloon distension: a H ₂ 15O-PET study. <i>Neurogastroenterology and Motility</i> , 2011 , 23, 533-e203 | 4 | 25 |
| 121 | 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 |
| 120 | Multimodal therapeutic assessment of peripheral nerve stimulation in neuropathic pain: five case reports with a 20-year follow-up. <i>European Journal of Pain</i> , 2011 , 15, 161.e1-9 | 3.7 | 7 |
| 119 | Lesion evidence for the critical role of the intraparietal sulcus in spatial attention. <i>Brain</i> , 2011 , 134, 1694-709 | 11.9 | 101 |
| 118 | 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 |
| 117 | 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 |
| 116 | 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 |
| 115 | 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 |
| 114 | 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 |
| 113 | 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 |
| 112 | Lesion neuroanatomy of the Sustained Attention to Response task. <i>Neuropsychologia</i> , 2009 , 47, 2866-75 | 3.2 | 58 |

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| 111 | Dynamic perfusion patterns in temporal lobe epilepsy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 823-30 | 8.8 | 31 |
| 110 | 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 |
| 109 | Glossopharyngeal neuralgia triggered by non-noxious stimuli at multiple cephalic and extracephalic sites. <i>Cephalalgia</i> , 2009 , 29, 1174-9 | 6.1 | 2 |
| 108 | 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 |
| 107 | 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 |
| 106 | Kinetic modelling in small animal imaging with PET. <i>Methods</i> , 2009 , 48, 98-103 | 4.6 | 29 |
| 105 | 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 |
| 104 | Detection of inter-hemispheric metabolic asymmetries in FDG-PET images using prior anatomical information. <i>NeuroImage</i> , 2009 , 44, 35-42 | 7.9 | 6 |
| 103 | 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 |
| 102 | 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 |
| 101 | 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 |
| 100 | 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 |
| 99 | 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 |
| 98 | 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 |
| 97 | 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 |
| 96 | Regional cerebral blood flow during gastric balloon distention in functional dyspepsia. <i>Gastroenterology</i> , 2007 , 132, 1684-93 | 13.3 | 88 |
| 95 | Improving the interpretation of ictal scalp EEG: BSS-CCA algorithm for muscle artifact removal. <i>Epilepsia</i> , 2007 , 48, 950-8 | 6.4 | 70 |
| 94 | Cognitive deficits during status epilepticus and time course of recovery: a case report. <i>Epilepsia</i> , 2007 , 48, 1979-83 | 6.4 | 24 |

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|----|---|------|-----|
| 93 | Visualizing out-of-body experience in the brain. <i>New England Journal of Medicine</i> , 2007 , 357, 1829-33 | 59.2 | 142 |
| 92 | Word reading and posterior temporal dysfunction in amnesic mild cognitive impairment. <i>Cerebral Cortex</i> , 2007 , 17, 542-51 | 5.1 | 56 |
| 91 | [18F]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 |
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