

# Bernard M Mazoyer

## List of Publications by Citations

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288  
papers

34,564  
citations

83  
h-index

183  
g-index

323  
ext. papers

39,831  
ext. citations

6.3  
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6.63  
L-index

#	Paper	IF	Citations
288	Automated anatomical labeling of activations in SPM using a macroscopic anatomical parcellation of the MNI MRI single-subject brain. <i>NeuroImage</i> , <b>2002</b> , 15, 273-89	7.9	11164
287	A probabilistic atlas and reference system for the human brain: International Consortium for Brain Mapping (ICBM). <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2001</b> , 356, 1293-322	5.8	1582
286	Meta-analyzing left hemisphere language areas: phonology, semantics, and sentence processing. <i>NeuroImage</i> , <b>2006</b> , 30, 1414-32	7.9	1317
285	Cortical networks for working memory and executive functions sustain the conscious resting state in man. <i>Brain Research Bulletin</i> , <b>2001</b> , 54, 287-98	3.9	732
284	The cortical representation of speech. <i>Journal of Cognitive Neuroscience</i> , <b>1993</b> , 5, 467-79	3.1	642
283	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , <b>2015</b> , 520, 224-9	50.4	601
282	Vascular factors and risk of dementia: design of the Three-City Study and baseline characteristics of the study population. <i>Neuroepidemiology</i> , <b>2003</b> , 22, 316-25	5.4	472
281	Left prefrontal glucose hypometabolism in the depressed state: a confirmation. <i>American Journal of Psychiatry</i> , <b>1990</b> , 147, 1313-7	11.9	388
280	Effects of blood pressure lowering on cerebral white matter hyperintensities in patients with stroke: the PROGRESS (Perindopril Protection Against Recurrent Stroke Study) Magnetic Resonance Imaging Substudy. <i>Circulation</i> , <b>2005</b> , 112, 1644-50	16.7	362
279	Mental navigation along memorized routes activates the hippocampus, precuneus, and insula. <i>NeuroReport</i> , <b>1997</b> , 8, 739-44	1.7	359
278	Obsessive-compulsive and other behavioural changes with bilateral basal ganglia lesions. A neuropsychological, magnetic resonance imaging and positron tomography study. <i>Brain</i> , <b>1989</b> , 112 ( Pt 3), 699-725	11.2	359
277	Neural correlates of simple and complex mental calculation. <i>NeuroImage</i> , <b>2001</b> , 13, 314-27	7.9	339
276	Neuroanatomical correlates of visually evoked sexual arousal in human males. <i>Archives of Sexual Behavior</i> , <b>1999</b> , 28, 1-21	3.5	321
275	What is right-hemisphere contribution to phonological, lexico-semantic, and sentence processing? Insights from a meta-analysis. <i>NeuroImage</i> , <b>2011</b> , 54, 577-93	7.9	303
274	Shifting from the perceptual brain to the logical brain: the neural impact of cognitive inhibition training. <i>Journal of Cognitive Neuroscience</i> , <b>2000</b> , 12, 721-8	3.1	295
273	Functional anatomy of spatial mental imagery generated from verbal instructions. <i>Journal of Neuroscience</i> , <b>1996</b> , 16, 6504-12	6.6	263
272	Functional anatomy of a prelearned sequence of horizontal saccades in humans. <i>Journal of Neuroscience</i> , <b>1996</b> , 16, 3714-26	6.6	260

271	A four-dimensional probabilistic atlas of the human brain. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2001</b> , 8, 401-30	8.6	248
270	Age- and sex-related effects on the neuroanatomy of healthy elderly. <i>NeuroImage</i> , <b>2005</b> , 26, 900-11	7.9	231
269	Cerebral activations during number multiplication and comparison: a PET study. <i>Neuropsychologia</i> , <b>1996</b> , 34, 1097-106	3.2	226
268	Obsessive-compulsive disorder: a clinical, neuropsychological and positron emission tomography study. <i>Acta Psychiatrica Scandinavica</i> , <b>1990</b> , 82, 233-42	6.5	226
267	PET study of voluntary saccadic eye movements in humans: basal ganglia-thalamocortical system and cingulate cortex involvement. <i>Journal of Neurophysiology</i> , <b>1993</b> , 69, 1009-17	3.2	221
266	Brain activity at rest: a multiscale hierarchical functional organization. <i>Journal of Neurophysiology</i> , <b>2011</b> , 105, 2753-63	3.2	219
265	Reopening the mental imagery debate: lessons from functional anatomy. <i>NeuroImage</i> , <b>1998</b> , 8, 129-39	7.9	219
264	Severity of dilated Virchow-Robin spaces is associated with age, blood pressure, and MRI markers of small vessel disease: a population-based study. <i>Stroke</i> , <b>2010</b> , 41, 2483-90	6.7	217
263	Neural correlates of woman face processing by 2-month-old infants. <i>NeuroImage</i> , <b>2002</b> , 15, 454-61	7.9	195
262	Gaussian mixture modeling of hemispheric lateralization for language in a large sample of healthy individuals balanced for handedness. <i>PLoS ONE</i> , <b>2014</b> , 9, e101165	3.7	191
261	Local brain haemodynamics and oxygen metabolism in cerebrovascular disease. Positron emission tomography. <i>Brain</i> , <b>1989</b> , 112 ( Pt 4), 931-51	11.2	190
260	Circulating IL-6 and CRP are associated with MRI findings in the elderly: the 3C-Dijon Study. <i>Neurology</i> , <b>2012</b> , 78, 720-7	6.5	187
259	Neural correlates of topographic mental exploration: the impact of route versus survey perspective learning. <i>NeuroImage</i> , <b>2000</b> , 12, 588-600	7.9	186
258	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E5154-E5163	11.5	182
257	A common language network for comprehension and production: a contribution to the definition of language epicenters with PET. <i>NeuroImage</i> , <b>2000</b> , 11, 347-57	7.9	179
256	Common variants at 12q14 and 12q24 are associated with hippocampal volume. <i>Nature Genetics</i> , <b>2012</b> , 44, 545-51	36.3	175
255	Functional anatomy of human auditory attention studied with PET. <i>NeuroImage</i> , <b>1997</b> , 5, 63-77	7.9	171
254	Functional anatomy of dominance for speech comprehension in left handers vs right handers. <i>NeuroImage</i> , <b>1998</b> , 8, 1-16	7.9	170

253	Cortical anatomy of mental imagery of concrete nouns based on their dictionary definition. <i>NeuroReport</i> , <b>1998</b> , 9, 803-8	1.7	166
252	Headache, migraine, and structural brain lesions and function: population based Epidemiology of Vascular Ageing-MRI study. <i>BMJ, The</i> , <b>2011</b> , 342, c7357	5.9	164
251	Handedness and cerebral anatomical asymmetries in young adult males. <i>NeuroImage</i> , <b>2006</b> , 29, 1066-79	7.9	157
250	The genetic architecture of the human cerebral cortex. <i>Science</i> , <b>2020</b> , 367,	33.3	156
249	Revisiting human hemispheric specialization with neuroimaging. <i>Trends in Cognitive Sciences</i> , <b>2013</b> , 17, 69-80	14	155
248	Use of PET methods for measurement of cerebral energy metabolism and hemodynamics in cerebrovascular disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1989</b> , 9, 723-42	7.3	149
247	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 1569-1582	25.5	147
246	Genome-wide association studies of cerebral white matter lesion burden: the CHARGE consortium. <i>Annals of Neurology</i> , <b>2011</b> , 69, 928-39	9.4	146
245	Mental calculation in a prodigy is sustained by right prefrontal and medial temporal areas. <i>Nature Neuroscience</i> , <b>2001</b> , 4, 103-7	25.5	145
244	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , <b>2017</b> , 145, 389-408	7.9	142
243	Striatal D2 dopaminergic receptors assessed with positron emission tomography and [76Br]bromospiperone in untreated schizophrenic patients. <i>American Journal of Psychiatry</i> , <b>1990</b> , 147, 44-50	11.9	140
242	AICHA: An atlas of intrinsic connectivity of homotopic areas. <i>Journal of Neuroscience Methods</i> , <b>2015</b> , 254, 46-59	3	135
241	Antihypertensive treatment and change in blood pressure are associated with the progression of white matter lesion volumes: the Three-City (3C)-Dijon Magnetic Resonance Imaging Study. <i>Circulation</i> , <b>2011</b> , 123, 266-73	16.7	134
240	fMRI study of emotional speech comprehension. <i>Cerebral Cortex</i> , <b>2007</b> , 17, 339-52	5.1	129
239	Analysis of individual positron emission tomography activation maps by detection of high signal-to-noise-ratio pixel clusters. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1993</b> , 13, 425-37	7.3	129
238	Word and non-word reading: what role for the Visual Word Form Area?. <i>NeuroImage</i> , <b>2005</b> , 27, 694-705	7.9	128
237	Effects of capsular or thalamic stroke on metabolism in the cortex and cerebellum: a positron tomography study. <i>Stroke</i> , <b>1990</b> , 21, 519-24	6.7	124
236	Longitudinal neuroimaging correlates of subjective memory impairment: 4-year prospective community study. <i>British Journal of Psychiatry</i> , <b>2011</b> , 198, 199-205	5.4	121

235	Multiethnic genome-wide association study of cerebral white matter hyperintensities on MRI. <i>Circulation: Cardiovascular Genetics</i> , <b>2015</b> , 8, 398-409		119
234	The resting state questionnaire: An introspective questionnaire for evaluation of inner experience during the conscious resting state. <i>Brain Research Bulletin</i> , <b>2010</b> , 81, 565-73	3.9	117
233	White matter lesions as a predictor of depression in the elderly: the 3C-Dijon study. <i>Biological Psychiatry</i> , <b>2008</b> , 63, 663-9	7.9	115
232	Different mental imagery abilities result in different regional cerebral blood flow activation patterns during cognitive tasks. <i>Neuropsychologia</i> , <b>1992</b> , 30, 565-80	3.2	115
231	Functional anatomy of high-resolution visual mental imagery. <i>Journal of Cognitive Neuroscience</i> , <b>2000</b> , 12, 98-109	3.1	114
230	Atypical hemispheric specialization for language in right-handed schizophrenia patients. <i>Biological Psychiatry</i> , <b>2005</b> , 57, 1020-8	7.9	110
229	Thalamocortical diaschisis: positron emission tomography in humans. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>1992</b> , 55, 935-42	5.5	110
228	Left planum temporale surface correlates with functional dominance during story listening. <i>NeuroReport</i> , <b>1998</b> , 9, 829-33	1.7	108
227	The cortical serotonin <sub>2</sub> receptors studied with positron-emission tomography and [18F]-setoperone during depressive illness and antidepressant treatment with clomipramine. <i>Biological Psychiatry</i> , <b>1999</b> , 45, 180-6	7.9	107
226	APOE genotype and MRI markers of cerebrovascular disease: systematic review and meta-analysis. <i>Neurology</i> , <b>2013</b> , 81, 292-300	6.5	104
225	Access to deductive logic depends on a right ventromedial prefrontal area devoted to emotion and feeling: evidence from a training paradigm. <i>NeuroImage</i> , <b>2001</b> , 14, 1486-92	7.9	104
224	Frequency and location of dilated Virchow-Robin spaces in elderly people: a population-based 3D MR imaging study. <i>American Journal of Neuroradiology</i> , <b>2011</b> , 32, 709-13	4.4	102
223	Impact of modality and linguistic complexity during reading and listening tasks. <i>NeuroImage</i> , <b>2007</b> , 34, 784-800	7.9	101
222	Severe cerebral white matter hyperintensities predict severe cognitive decline in patients with cerebrovascular disease history. <i>Stroke</i> , <b>2009</b> , 40, 2219-21	6.7	98
221	Interindividual variability in the hemispheric organization for speech. <i>NeuroImage</i> , <b>2004</b> , 21, 422-35	7.9	98
220	The estimated density of D2 striatal receptors in schizophrenia. A study with positron emission tomography and 76Br-bromolisuride. <i>British Journal of Psychiatry</i> , <b>1991</b> , 158, 346-50	5.4	98
219	A positron emission tomography study of visual and mental spatial exploration. <i>Journal of Cognitive Neuroscience</i> , <b>1995</b> , 7, 433-45	3.1	96
218	White matter lesions volume and motor performances in the elderly. <i>Annals of Neurology</i> , <b>2009</b> , 65, 706-14	4.5	95

217	Neuroimaging correlates of subjective memory deficits in a community population. <i>Neurology</i> , <b>2008</b> , 70, 1601-7	6.5	95
216	Large-vessel correlates of cerebral small-vessel disease. <i>Neurology</i> , <b>2013</b> , 80, 662-9	6.5	93
215	Multiple indices of diffusion identifies white matter damage in mild cognitive impairment and Alzheimer's disease. <i>PLoS ONE</i> , <b>2011</b> , 6, e21745	3.7	93
214	Dynamic PET data analysis. <i>Journal of Computer Assisted Tomography</i> , <b>1986</b> , 10, 645-53	2.2	93
213	A multistep unsupervised fuzzy clustering analysis of fMRI time series. <i>Human Brain Mapping</i> , <b>2000</b> , 10, 160-78	5.9	90
212	Adult brains don't fully overcome biases that lead to incorrect performance during cognitive development: an fMRI study in young adults completing a Piaget-like task. <i>Developmental Science</i> , <b>2009</b> , 12, 326-38	4.5	89
211	No epsilon4 gene dose effect on hippocampal atrophy in a large MRI database of healthy elderly subjects. <i>NeuroImage</i> , <b>2005</b> , 24, 1205-13	7.9	89
210	Altered hemispheric functional dominance during word generation in negative schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2000</b> , 26, 709-21	1.3	88
209	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. <i>Brain Imaging and Behavior</i> , <b>2017</b> , 11, 1497-1514	4.1	87
208	Identifiability analysis and parameter identification of an in vivo ligand-receptor model from PET data. <i>IEEE Transactions on Biomedical Engineering</i> , <b>1990</b> , 37, 653-61	5	86
207	Abnormalities of the airways and lung parenchyma in asthmatics: CT observations in 50 patients and inter- and intraobserver variability. <i>European Radiology</i> , <b>1996</b> , 6, 199-206	8	84
206	Cortical Terminations of the Inferior Fronto-Occipital and Uncinate Fasciculi: Anatomical Stem-Based Virtual Dissection. <i>Frontiers in Neuroanatomy</i> , <b>2016</b> , 10, 58	3.6	83
205	Functional magnetic resonance imaging study of Piaget's conservation-of-number task in preschool and school-age children: a neo-Piagetian approach. <i>Journal of Experimental Child Psychology</i> , <b>2011</b> , 110, 332-46	2.3	81
204	High degree of dilated Virchow-Robin spaces on MRI is associated with increased risk of dementia. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 22, 663-72	4.3	81
203	Comparison of spatial normalization procedures and their impact on functional maps. <i>Human Brain Mapping</i> , <b>2002</b> , 16, 228-50	5.9	81
202	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 1624-1636	5.6	81
201	Picture naming without Broca's and Wernicke's area. <i>NeuroReport</i> , <b>2000</b> , 11, 617-22	1.7	80
200	A positron emission tomography study of oculomotor imagery. <i>NeuroReport</i> , <b>1994</b> , 5, 921-4	1.7	80

199	Brain energy metabolism in bilateral paramedian thalamic infarcts. A positron emission tomography study. <i>Brain</i> , <b>1992</b> , 115 ( Pt 3), 795-807	11.2	80
198	. <i>IEEE Transactions on Nuclear Science</i> , <b>1990</b> , 37, 778-782	1.7	79
197	Joint effect of white matter lesions and hippocampal volumes on severity of cognitive decline: the 3C-Dijon MRI study. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 20, 453-63	4.3	78
196	Three-dimensional segmentation and interpolation of magnetic resonance brain images. <i>IEEE Transactions on Medical Imaging</i> , <b>1993</b> , 12, 269-77	11.7	78
195	Plasma long-chain omega-3 fatty acids and atrophy of the medial temporal lobe. <i>Neurology</i> , <b>2012</b> , 79, 642-50	6.5	77
194	An automated procedure for the assessment of white matter hyperintensities by multispectral (T1, T2, PD) MRI and an evaluation of its between-centre reproducibility based on two large community databases. <i>Neuroradiology</i> , <b>2008</b> , 50, 31-42	3.2	76
193	Using support vector machines with multiple indices of diffusion for automated classification of mild cognitive impairment. <i>PLoS ONE</i> , <b>2012</b> , 7, e32441	3.7	74
192	Time course of effects of unilateral lesions of the nucleus basalis of Meynert on glucose utilization by the cerebral cortex. Positron tomography in baboons. <i>Brain</i> , <b>1989</b> , 112 ( Pt 2), 435-55	11.2	72
191	Patterns of hemodynamic low-frequency oscillations in the brain are modulated by the nature of free thought during rest. <i>NeuroImage</i> , <b>2012</b> , 59, 3194-200	7.9	71
190	Evidence for a common network of brain structures involved in parkinsonian tremor and voluntary repetitive movement. <i>Brain Research</i> , <b>1992</b> , 584, 11-7	3.7	71
189	Left planum temporale: an anatomical marker of left hemispheric specialization for language comprehension. <i>Cognitive Brain Research</i> , <b>2003</b> , 18, 1-14		68
188	Revisiting the human uncinate fasciculus, its subcomponents and asymmetries with stem-based tractography and microdissection validation. <i>Brain Structure and Function</i> , <b>2017</b> , 222, 1645-1662	4	67
187	Effects of ApoE-epsilon4 allele load and age on the rates of grey matter and hippocampal volumes loss in a longitudinal cohort of 1186 healthy elderly persons. <i>NeuroImage</i> , <b>2010</b> , 53, 1064-9	7.9	67
186	Impact of fMRI acoustic noise on the functional anatomy of visual mental imagery. <i>Journal of Cognitive Neuroscience</i> , <b>2002</b> , 14, 172-86	3.1	67
185	Enhanced detection in brain activation maps using a multifiltering approach. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1994</b> , 14, 639-42	7.3	67
184	Experimental design optimisation: theory and application to estimation of receptor model parameters using dynamic positron emission tomography. <i>Physics in Medicine and Biology</i> , <b>1989</b> , 34, 419-35	3.8	65
183	Physical characteristics of the ECAT 953B/31: a new high resolution brain positron tomograph. <i>IEEE Transactions on Medical Imaging</i> , <b>1991</b> , 10, 499-504	11.7	65
182	Reproducibility and variability of quantitative magnetic resonance imaging markers in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2016</b> , 36, 1319-37	7.3	65



181	Association of Alzheimer's disease GWAS loci with MRI markers of brain aging. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 1765.e7-1765.e16	5.6	63
180	Noninvasive quantification of muscarinic receptors in vivo with positron emission tomography in the dog heart. <i>Circulation</i> , <b>1990</b> , 82, 1494-504	16.7	63
179	A set of regulatory genes co-expressed in embryonic human brain is implicated in disrupted speech development. <i>Molecular Psychiatry</i> , <b>2019</b> , 24, 1065-1078	15.1	62
178	Functional magnetic resonance imaging at 1.5 T during sensorimotor and cognitive task. <i>European Neurology</i> , <b>1995</b> , 35, 131-6	2.1	61
177	On the number of clusters and the fuzziness index for unsupervised FCA application to BOLD fMRI time series. <i>Medical Image Analysis</i> , <b>2001</b> , 5, 55-67	15.4	60
176	Descriptive anatomy of Heschl's gyri in 430 healthy volunteers, including 198 left-handers. <i>Brain Structure and Function</i> , <b>2015</b> , 220, 729-43	4	59
175	PET study of the human foveal fixation system. <i>Human Brain Mapping</i> , <b>1999</b> , 8, 28-43	5.9	59
174	Location of hand function in the sensorimotor cortex: MR and functional correlation. <i>American Journal of Neuroradiology</i> , <b>1994</b> , 15, 567-72	4.4	59
173	Regional cerebral blood flow in childhood autism: a SPECT study. <i>American Journal of Psychiatry</i> , <b>1992</b> , 149, 924-30	11.9	57
172	BIL&GIN: A neuroimaging, cognitive, behavioral, and genetic database for the study of human brain lateralization. <i>NeuroImage</i> , <b>2016</b> , 124, 1225-1231	7.9	56
171	Association of white-matter lesions with brain atrophy markers: the three-city Dijon MRI study. <i>Cerebrovascular Diseases</i> , <b>2009</b> , 28, 177-84	3.2	56
170	Cerebral white matter lesions are associated with the risk of stroke but not with other vascular events: the 3-City Dijon Study. <i>Stroke</i> , <b>2009</b> , 40, 2327-31	6.7	56
169	Cognitive inhibition of number/length interference in a Piaget-like task in young adults: evidence from ERPs and fMRI. <i>Human Brain Mapping</i> , <b>2006</b> , 27, 498-509	5.9	55
168	Analysis of individual brain activation maps using hierarchical description and multiscale detection. <i>IEEE Transactions on Medical Imaging</i> , <b>1994</b> , 13, 702-10	11.7	55
167	Kinetic data analysis with a noisy input function. <i>Physics in Medicine and Biology</i> , <b>1987</b> , 32, 1569-79	3.8	54
166	METACOHORTS for the study of vascular disease and its contribution to cognitive decline and neurodegeneration: An initiative of the Joint Programme for Neurodegenerative Disease Research. <i>Alzheimer's and Dementia</i> , <b>2016</b> , 12, 1235-1249	1.2	54
165	Functional neuroanatomy of the human visual fixation system. <i>European Journal of Neuroscience</i> , <b>1995</b> , 7, 169-74	3.5	52
164	Longitudinal assessment of global and regional rate of grey matter atrophy in 1,172 healthy older adults: modulation by sex and age. <i>PLoS ONE</i> , <b>2014</b> , 9, e114478	3.7	51



163	Neural basis of mental scanning of a topographic representation built from a text. <i>Cerebral Cortex</i> , <b>2002</b> , 12, 1322-30	5.1	50
162	Central D2 receptors and negative symptoms of schizophrenia. <i>British Journal of Psychiatry</i> , <b>1994</b> , 164, 27-34	5.4	50
161	Pseudoneglect in line bisection judgement is associated with a modulation of right hemispheric spatial attention dominance in right-handers. <i>Neuropsychologia</i> , <b>2017</b> , 94, 75-83	3.2	49
160	Hemispheric specialization for language: Brain volume matters. <i>Brain Research</i> , <b>2006</b> , 1068, 184-93	3.7	48
159	Abdominal obesity and lower gray matter volume: a Mendelian randomization study. <i>Neurobiology of Aging</i> , <b>2014</b> , 35, 378-86	5.6	47
158	Depression, depressive symptoms, and rate of hippocampal atrophy in a longitudinal cohort of older men and women. <i>Psychological Medicine</i> , <b>2015</b> , 45, 1931-44	6.9	46
157	Functional asymmetries revealed in visually guided saccades: an fMRI study. <i>Journal of Neurophysiology</i> , <b>2009</b> , 102, 2994-3003	3.2	45
156	Finger tapping, handedness and grey matter amount in the Rolandic genu area. <i>NeuroImage</i> , <b>2005</b> , 25, 1133-45	7.9	45
155	Regional correlations between cortical thickness and surface area asymmetries: A surface-based morphometry study of 250 adults. <i>Neuropsychologia</i> , <b>2016</b> , 93, 350-364	3.2	44
154	Strong rightward lateralization of the dorsal attentional network in left-handers with right sighting-eye: an evolutionary advantage. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 1151-64	5.9	44
153	Multi-factorial modulation of hemispheric specialization and plasticity for language in healthy and pathological conditions: A review. <i>Cortex</i> , <b>2017</b> , 86, 314-339	3.8	43
152	Burden of Dilated Perivascular Spaces, an Emerging Marker of Cerebral Small Vessel Disease, Is Highly Heritable. <i>Stroke</i> , <b>2018</b> , 49, 282-287	6.7	43
151	fMRI and PET of self-paced finger movement: comparison of intersubject stereotaxic averaged data. <i>NeuroImage</i> , <b>1999</b> , 10, 430-47	7.9	42
150	Effect of familial sinistrality on planum temporale surface and brain tissue asymmetries. <i>Cerebral Cortex</i> , <b>2010</b> , 20, 1476-85	5.1	41
149	Apolipoprotein E genotype is related to progression of white matter lesion load. <i>Stroke</i> , <b>2009</b> , 40, 3186-90	6.7	41
148	Stability of functional language lateralization over time in schizophrenia patients. <i>Schizophrenia Research</i> , <b>2007</b> , 94, 197-206	3.6	41
147	MRI atrophy of the caudate nucleus and slower walking speed in the elderly. <i>NeuroImage</i> , <b>2012</b> , 60, 871-8	3.9	40
146	Plasma lipids and cerebral small vessel disease. <i>Neurology</i> , <b>2014</b> , 83, 1844-52	6.5	39

145	Left hemisphere lateralization for language in right-handers is controlled in part by familial sinistrality, manual preference strength, and head size. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 13314-8	6.6	39
144	A PET meta-analysis of object and spatial mental imagery. <i>European Journal of Cognitive Psychology</i> , <b>2004</b> , 16, 673-695		39
143	Intra-hemispheric intrinsic connectivity asymmetry and its relationships with handedness and language Lateralization. <i>Neuropsychologia</i> , <b>2016</b> , 93, 437-447	3.2	37
142	Weak language lateralization affects both verbal and spatial skills: an fMRI study in 297 subjects. <i>Neuropsychologia</i> , <b>2014</b> , 65, 56-62	3.2	35
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