## Olaf Bjarne Paulson

List of Publications by Year in descending order

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386 papers 21,289 citations

81 h-index 127 g-index

402 all docs 402 docs citations

402 times ranked

19059 citing authors

#	Article	IF	CITATIONS
1	Glucocorticoid treatment for non-cerebral diseases in children and adolescents is associated with differences in uncinate fasciculus microstructure. Pediatric Research, 2022, 91, 879-887.	1.1	3
2	Human Cerebral Perfusion, Oxygen Consumption, and Lactate Production in Response to Hypoxic Exposure. Cerebral Cortex, 2022, 32, 1295-1306.	1.6	8
3	Glutamate levels and perfusion in pons during migraine attacks: A 3T MRI study using proton spectroscopy and arterial spin labeling. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 604-616.	2.4	18
4	Intradural artery dilation during experimentally induced migraine attacks. Pain, 2021, 162, 176-183.	2.0	12
5	Elevated body weight modulates subcortical volume change and associated clinical response following electroconvulsive therapy. Journal of Psychiatry and Neuroscience, 2021, 46, E418-E426.	1.4	4
6	Do glia provide the link between lowâ€grade systemic inflammation and normal cognitive ageing? A <sup>1</sup> H magnetic resonance spectroscopy study at 7 tesla. Journal of Neurochemistry, 2021, 159, 185-196.	2.1	11
7	Interictal pontine metabolism in migraine without aura patients: A 3 Tesla proton magnetic resonance spectroscopy study. Neurolmage: Clinical, 2021, 32, 102824.	1.4	7
8	OUP accepted manuscript. Schizophrenia Bulletin, 2021, , .	2.3	1
9	Diagnostic added value of electrical source imaging in presurgical evaluation of patients with epilepsy: A prospective study. Clinical Neurophysiology, 2020, 131, 324-329.	0.7	51
10	Brain Changes Induced by Electroconvulsive Therapy Are Broadly Distributed. Biological Psychiatry, 2020, 87, 451-461.	0.7	72
11	Regional Myo-Inositol, Creatine, and Choline Levels Are Higher at Older Age and Scale Negatively with Visuospatial Working Memory: A Cross-Sectional Proton MR Spectroscopy Study at 7 Tesla on Normal Cognitive Ageing. Journal of Neuroscience, 2020, 40, 8149-8159.	1.7	36
12	Feasibility of Glutamate and GABA Detection in Pons and Thalamus at 3T and 7T by Proton Magnetic Resonance Spectroscopy. Frontiers in Neuroscience, 2020, 14, 559314.	1.4	17
13	Blood pressure and brain injury in cardiac surgery: a secondary analysis of a randomized trial. European Journal of Cardio-thoracic Surgery, 2020, 58, 1035-1044.	0.6	1
14	Transcranial lowâ€frequency pulsating electromagnetic fields (Tâ€PEMF) as postâ€concussion syndrome treatment. Acta Neurologica Scandinavica, 2020, 142, 597-604.	1.0	5
15	Cigarette smoking and cerebral blood flow in a cohort of middle-aged adults. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 904-905.	2.4	4
16	Sildenafil and calcitonin gene-related peptide dilate intradural arteries: A 3T MR angiography study in healthy volunteers. Cephalalgia, 2019, 39, 264-273.	1.8	11
17	Diagnostic yield of high-density versus low-density EEG: The effect of spatial sampling, timing and duration of recording. Clinical Neurophysiology, 2019, 130, 2060-2064.	0.7	16
18	Ultra-high field MR angiography in human migraine models: a 3.0 T/7.0 T comparison study. Journal of Headache and Pain, 2019, 20, 48.	2.5	5

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19	The association between postoperative cognitive dysfunction and cerebral oximetry during cardiac surgery: a secondary analysis of a randomised trial. British Journal of Anaesthesia, 2019, 123, 196-205.	1.5	59
20	Previous glucocorticoid treatment in childhood and adolescence is associated with long-term differences in subcortical grey matter volume and microstructure. Neurolmage: Clinical, 2019, 23, 101825.	1.4	4
21	Domainâ€specific cognitive dysfunction after cardiac surgery. A secondary analysis of a randomized trial. Acta Anaesthesiologica Scandinavica, 2019, 63, 730-738.	0.7	11
22	No effect of the angiotensin receptor blocker candesartan on cerebrovascular autoregulation in rats during very high and low sodium intake. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2019, 20, 147032031987461.	1.0	0
23	Gammaâ€aminobutyric acid edited echoâ€planar spectroscopic imaging (EPSI) with MEGAâ€sLASER at 7T. Magnetic Resonance in Medicine, 2019, 81, 773-780.	1.9	6
24	High-Target Versus Low-Target Blood Pressure Management During Cardiopulmonary Bypass to Prevent Cerebral Injury in Cardiac Surgery Patients. Circulation, 2018, 137, 1770-1780.	1.6	139
25	Total brain, cortical, and white matter volumes in children previously treated with glucocorticoids. Pediatric Research, 2018, 83, 804-812.	1.1	9
26	Verbal learning and memory outcome in selective amygdalohippocampectomy versus temporal lobe resection in patients with hippocampal sclerosis. Epilepsy and Behavior, 2018, 79, 180-187.	0.9	14
27	Neuroticism predicts the impact of serotonin challenges on fear processing in subgenual anterior cingulate cortex. Scientific Reports, 2018, 8, 17889.	1.6	12
28	Neural Response After a Single ECT Session During Retrieval of Emotional Self-Referent Words in Depression: A Randomized, Sham-Controlled fMRI Study. International Journal of Neuropsychopharmacology, 2018, 21, 226-235.	1.0	5
29	Effects of sildenafil and calcitonin gene-related peptide on brainstem glutamate levels: a pharmacological proton magnetic resonance spectroscopy study at 3.0ÂT. Journal of Headache and Pain, 2018, 19, 44.	2.5	14
30	Volume of the Human Hippocampus and Clinical Response Following Electroconvulsive Therapy. Biological Psychiatry, 2018, 84, 574-581.	0.7	138
31	Effect of electroconvulsive therapy on neural response to affective pictures: A randomized, sham-controlled fMRI study. European Neuropsychopharmacology, 2018, 28, 915-924.	0.3	9
32	Does a single session of electroconvulsive therapy alter the neural response to emotional faces in depression? A randomised sham-controlled functional magnetic resonance imaging study. Journal of Psychopharmacology, 2017, 31, 1215-1224.	2.0	9
33	Glucocorticoid treatment earlier in childhood and adolescence show doseâ€response associations with diurnal cortisol levels. Developmental Psychobiology, 2017, 59, 1010-1020.	0.9	4
34	Safety and EEG data quality of concurrent high-density EEG and high-speed fMRI at 3 Tesla. PLoS ONE, 2017, 12, e0178409.	1.1	18
35	Imaging Regional Metabolic Changes in the Ischemic Rat Heart In Vivo Using Hyperpolarized [1-13C]Pyruvate. Tomography, 2017, 3, 123-130.	0.8	3
36	Design of Infusion Schemes for Neuroreceptor Imaging: Application to [ <sup>11</sup> C]Flumazenil-PET Steady-State Study. BioMed Research International, 2016, 2016, 1-8.	0.9	6

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37	Regional brain volumes, diffusivity, and metabolite changes after electroconvulsive therapy for severe depression. Acta Psychiatrica Scandinavica, 2016, 133, 154-164.	2.2	89
38	Effects of erythropoietin on memoryâ€relevant neurocircuitry activity and recall in mood disorders. Acta Psychiatrica Scandinavica, 2016, 134, 249-259.	2.2	27
39	Perfusion Pressure Cerebral Infarct (PPCI) trial - the importance of mean arterial pressure during cardiopulmonary bypass to prevent cerebral complications after cardiac surgery: study protocol for a randomised controlled trial. Trials, 2016, 17, 247.	0.7	29
40	Neural correlates of improved executive function following erythropoietin treatment in mood disorders. Psychological Medicine, 2016, 46, 1679-1691.	2.7	34
41	Recovery from an acute relapse is associated with changes in motor resting-state connectivity in multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 912-914.	0.9	8
42	The Center for Integrated Molecular Brain Imaging (Cimbi) database. NeuroImage, 2016, 124, 1213-1219.	2.1	95
43	Children and adolescents previously treated with glucocorticoids display lower verbal intellectual abilities. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, 784-791.	0.7	8
44	Monitoring mammary tumor progression and effect of tamoxifen treatment in MMTVâ€PymT using MRI and magnetic resonance spectroscopy with hyperpolarized [1â€ <sup>13</sup> C]pyruvate. Magnetic Resonance in Medicine, 2015, 73, 51-58.	1.9	23
45	Effects of Erythropoietin on Hippocampal Volume and Memory in Mood Disorders. Biological Psychiatry, 2015, 78, 270-277.	0.7	83
46	Shape Abnormalities of the Caudate Nucleus Correlate with Poorer Gait and Balance: Results from a Subset of the LADIS Study. American Journal of Geriatric Psychiatry, 2015, 23, 59-71.e1.	0.6	16
47	Bradykinin Antagonist Counteracts the Acute Effect of Both Angiotensin-Converting Enzyme Inhibition and of Angiotensin Receptor Blockade on the Lower Limit of Autoregulation of Cerebral Blood Flow. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 467-471.	2.4	13
48	Interpolation of diffusion weighted imaging datasets. NeuroImage, 2014, 103, 202-213.	2.1	122
49	Cortical $\langle i \rangle$ N $\langle j \rangle$ -acetyl aspartate is a predictor of long-term clinical disability in multiple sclerosis. Neurological Research, 2014, 36, 701-708.	0.6	9
50	Altered reward processing in the orbitofrontal cortex and hippocampus in healthy first-degree relatives of patients with depression. Psychological Medicine, 2014, 44, 1183-1195.	2.7	24
51	Multiple sclerosis impairs regional functional connectivity in the cerebellum. NeuroImage: Clinical, 2014, 4, 130-138.	1.4	42
52	Postoperative increase in grey matter volume in visual cortex after unilateral cataract surgery. Acta Ophthalmologica, 2013, 91, 58-65.	0.6	23
53	A schizophrenia rat model induced by early postnatal phencyclidine treatment and characterized by Magnetic Resonance Imaging. Behavioural Brain Research, 2013, 250, 1-8.	1.2	10
54	Serotonin 2A receptors contribute to the regulation of risk-averse decisions. NeuroImage, 2013, 83, 35-44.	2.1	36

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55	Playing it safe but losing anywayâ€"Serotonergic signaling of negative outcomes in dorsomedial prefrontal cortex in the context of risk-aversion. European Neuropsychopharmacology, 2013, 23, 919-930.	0.3	39
56	Acute pharmacologically induced shifts in serotonin availability abolish emotion-selective responses to negative face emotions in distinct brain networks. European Neuropsychopharmacology, 2013, 23, 368-378.	0.3	37
57	Serotonin 2A Receptors, Citalopram and Tryptophan-Depletion: a Multimodal Imaging Study of their Interactions During Response Inhibition. Neuropsychopharmacology, 2013, 38, 996-1005.	2.8	41
58	Resting-state connectivity of pre-motor cortex reflects disability in multiple sclerosis. Acta Neurologica Scandinavica, 2013, 128, n/a-n/a.	1.0	33
59	Expanded functional coupling of subcortical nuclei with the motor resting-state network in multiple sclerosis. Multiple Sclerosis Journal, 2013, 19, 559-566.	1.4	39
60	Acute serotonin 2A receptor blocking alters the processing of fearful faces in the orbitofrontal cortex and amygdala. Journal of Psychopharmacology, 2013, 27, 903-914.	2.0	20
61	Blood-Brain Barrier Permeability of Normal Appearing White Matter in Relapsing-Remitting Multiple Sclerosis. PLoS ONE, 2013, 8, e56375.	1.1	26
62	History of International Society for Cerebral Blood Flow and Metabolism. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 1099-1106.	2.4	1
63	Crossmodal Recruitment of the Ventral Visual Stream in Congenital Blindness. Neural Plasticity, 2012, 2012, 1-9.	1.0	58
64	Cerebral metabolism, magnetic resonance spectroscopy and cognitive dysfunction in early multiple sclerosis: an exploratory study. Neurological Research, 2012, 34, 52-58.	0.6	11
65	Healthy aging attenuates task-related specialization in the human medial temporal lobe. Neurobiology of Aging, 2012, 33, 1874-1889.	1.5	22
66	The cortical eye proprioceptive signal modulates neural activity in higher-order visual cortex as predicted by the variation in visual sensitivity. NeuroImage, 2012, 61, 950-956.	2.1	7
67	No change in [ <sup>11</sup> C]CUMIâ€101 binding to 5â€HT <sub>1A</sub> receptors after intravenous citalopram in human. Synapse, 2012, 66, 880-884.	0.6	33
68	Cognitive deficits in multiple sclerosis: correlations with T2 changes in normal appearing brain tissue. Acta Neurologica Scandinavica, 2012, 125, 338-344.	1.0	18
69	Chronic cerebrospinal venous insufficiency and venous stenoses in multiple sclerosis. Acta Neurologica Scandinavica, 2012, 126, 421-427.	1.0	34
70	Activation of the hippocampal complex during tactile maze solving in congenitally blind subjects. Neuropsychologia, 2012, 50, 1663-1671.	0.7	41
71	White Matter Microstructure in Superior Longitudinal Fasciculus Associated with Spatial Working Memory Performance in Children. Journal of Cognitive Neuroscience, 2011, 23, 2135-2146.	1.1	169
72	Corpus callosum atrophy as a predictor of age-related cognitive and motor impairment: A 3-year follow-up of the LADIS study cohort. Journal of the Neurological Sciences, 2011, 307, 100-105.	0.3	57

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73	2001–2011: A Decade of the LADIS (Leukoaraiosis And DISability) Study: What Have We Learned about White Matter Changes and Small-Vessel Disease?. Cerebrovascular Diseases, 2011, 32, 577-588.	0.8	258
74	Neural correlates of olfactory processing in congenital blindness. Neuropsychologia, 2011, 49, 2037-2044.	0.7	86
75	White matter hyperintensities and prepulse inhibition in a mixed elderly population. Psychiatry Research - Neuroimaging, 2011, 194, 314-318.	0.9	7
76	Exogenous glucocorticoids and adverse cerebral effects in children. European Journal of Paediatric Neurology, 2011, 15, 465-477.	0.7	41
77	Monocular Visual Deprivation Suppresses Excitability in Adult Human Visual Cortex. Cerebral Cortex, 2011, 21, 2876-2882.	1.6	12
78	Hippocampal volume changes in healthy subjects at risk of unipolar depression. Journal of Psychiatric Research, 2010, 44, 655-662.	1.5	70
79	Response inhibition is associated with white matter microstructure in children. Neuropsychologia, 2010, 48, 854-862.	0.7	93
80	Endogenous plasma estradiol in healthy men is positively correlated with cerebral cortical serotonin 2A receptor binding. Psychoneuroendocrinology, 2010, 35, 1311-1320.	1.3	35
81	Effects of erythropoietin on depressive symptoms and neurocognitive deficits in depression and bipolar disorder. Trials, 2010, 11, 97.	0.7	42
82	Cerebral Blood Flow Response to Functional Activation. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 2-14.	2.4	214
83	Neural correlates of virtual route recognition in congenital blindness. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12716-12721.	3.3	160
84	Hippocampal and caudate volume reductions in antipsychotic-naive first-episode schizophrenia. Journal of Psychiatry and Neuroscience, 2010, 35, 95-104.	1.4	103
85	FOCAL CEREBRAL BLOOD FLOW, REACTIVITY OF CEREBRAL BLOOD VESSELS AND CEREBRAL OXYDATIVE METABOLISM IN CERTAIN GROUPS OF PATIENTS WITH ORGANIC DEMENTIA. Acta Neurologica Scandinavica, 2009, 46, 76-76.	1.0	0
86	MECHANISM OF ACTION OF AMINO-PHYLLINE AND OF HYPOCAPNIA ON CEREBROVASCULAR DISEASE. Acta Neurologica Scandinavica, 2009, 46, 251-251.	1.0	2
87	CHANGES IN FOCAL CEREBRAL BLOOD FLOW WITHIN THE INTERNAL CAROTID SYSTEM DURING MIGRAINE ATTACK. Acta Neurologica Scandinavica, 2009, 46, 254-255.	1.0	3
88	INTRACRANIAL METASTASES IN SMALL CELL LUNG CANCER Acta Neurologica Scandinavica, 2009, 65, 96-97.	1.0	0
89	METRIZAMID MYELOGRAPHY IN PATIENTS WITH MENINGEAL CARCINOMATOSIS. Acta Neurologica Scandinavica, 2009, 65, 100-100.	1.0	1
90	MISONIDAZOLE NEUROPATHY:. Acta Neurologica Scandinavica, 2009, 65, 107-108.	1.0	0

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91	MISONIDAZOLE NEUROPATHY - A PROSPECTIVE STUDY:. Acta Neurologica Scandinavica, 2009, 65, 109-110.	1.0	O
92	PLASMA PYRIDOSTIGMINE LEVELS IN MYASTHENIA GRAVIS Acta Neurologica Scandinavica, 2009, 65, 126-127.	1.0	1
93	ELECTROPHYSIOLOGICAL FINDINGS IN MYASTHENIA GRAVIS FOLLOWING PLASMA EXCHANGE. Acta Neurologica Scandinavica, 2009, 65, 130-131.	1.0	0
94	BRAIN MAPPING BY EMISSION COMPUTERIZED TOMOGRAPHY: (ECT) OF INHALED 133-XENON DURING ACTIVATION OF THE BRAIN CORTEX Acta Neurologica Scandinavica, 2009, 65, 150-151.	1.0	0
95	CEREBRAL UPTAKE RATE OF ANTIEPILEPTIC DRUGS. Acta Neurologica Scandinavica, 2009, 65, 193-194.	1.0	0
96	875 CASES OF BACTERIAL MENINGITIS AT THE BLEGDAMSHOSPITAL 1966-76. PROGNOSIS AND FOLLOW-UP Acta Neurologica Scandinavica, 2009, 65, 306-307.	1.0	0
97	Differences in Characteristics of Blood-Brain Barrier Permeability for Glucose and Amino Acids. Acta Neurologica Scandinavica, 2009, 69, 291-292.	1.0	0
98	The Effect of Extracranial-intracranial Bypass on Cerebral Blood Flow. Acta Neurologica Scandinavica, 2009, 69, 303-304.	1.0	0
99	Skeletal muscle in paramyotonia congenita: biochemistry, histochemistry and morphology. Acta Neurologica Scandinavica, 2009, 71, 62-68.	1.0	5
100	Rationale and design of the participant, investigator, observer, and data-analyst-blinded randomized AGENDA trial on associations between gene-polymorphisms, endophenotypes for depression and antidepressive intervention: the effect of escitalopram versus placebo on the combined dexamethasone-corticotrophine releasing hormone test and other potential endophenotypes in healthy first-degree relatives of persons with depression. Trials, 2009, 10, 66.	0.7	13
101	Gender and the use of hormonal contraception in women are not associated with cerebral cortical 5-HT 2A receptor binding. Neuroscience, 2009, 163, 640-645.	1.1	24
102	Long-term global and regional brain volume changes following severe traumatic brain injury: A longitudinal study with clinical correlates. Neurolmage, 2009, 44, 1-8.	2.1	195
103	Brain serotonin 2A receptor binding: Relations to body mass index, tobacco and alcohol use. NeuroImage, 2009, 46, 23-30.	2.1	87
104	Regional activation of the human medial temporal lobe during intentional encoding of objects and positions. Neurolmage, 2009, 47, 1863-1872.	2.1	15
105	No Evidence for Generalized Increased Postoperative Responsiveness to Pain: A Combined Behavioral and Serial Functional Magnetic Resonance Imaging Study. Anesthesia and Analgesia, 2009, 109, 600-606.	1.1	4
106	Alterations of the visual pathways in congenital blindness. Experimental Brain Research, 2008, 187, 41-49.	0.7	196
107	Heart and brain circulation in healthy men are differently affected by CO <sub>2</sub> . Acta Physiologica, 2008, 193, 203-203.	1.8	0
108	Frontolimbic Serotonin 2A Receptor Binding in Healthy Subjects Is Associated with Personality Risk Factors for Affective Disorder. Biological Psychiatry, 2008, 63, 569-576.	0.7	213

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109	Diffusion tensor imaging during recovery from severe traumatic brain injury and relation to clinical outcome: a longitudinal study. Brain, 2008, 131, 559-572.	3.7	481
110	Reduced 5-HT2A receptor binding in patients with mild cognitive impairment. Neurobiology of Aging, 2008, 29, 1830-1838.	1.5	107
111	The 5-HT2A receptor binding pattern in the human brain is strongly genetically determined. Neurolmage, 2008, 40, 1175-1180.	2.1	32
112	Segmentation of age-related white matter changes in a clinical multi-center study. NeuroImage, 2008, 41, 335-345.	2.1	51
113	Acute MRI Changes in Progressive Ischemic Stroke. European Neurology, 2008, 59, 229-236.	0.6	15
114	White Matter Changes Contribute to Corpus Callosum Atrophy in the Elderly: The LADIS Study. American Journal of Neuroradiology, 2008, 29, 1498-1504.	1.2	51
115	Comments on Point:Counterpoint: Sympathetic activity does/does not influence cerebral blood flow. Journal of Applied Physiology, 2008, 105, 1369-1373.	1.2	23
116	Watching Your Foot Move-An fMRI Study of Visuomotor Interactions during Foot Movement. Cerebral Cortex, 2007, 17, 1906-1917.	1.6	35
117	Is the Prefrontal Cortex Necessary for Establishing Cognitive Sets?. Journal of Neuroscience, 2007, 27, 13303-13310.	1.7	57
118	Validation of in vitro probabilistic tractography. NeuroImage, 2007, 37, 1267-1277.	2.1	212
119	Premotor cortex modulates somatosensory cortex during voluntary movements without proprioceptive feedback. Nature Neuroscience, 2007, 10, 417-419.	7.1	195
120	Structural brain abnormalities in early onset first-episode psychosis. Journal of Neural Transmission, 2007, 114, 489-498.	1.4	37
121	Similar brain networks for detecting visuo-motor and visuo-proprioceptive synchrony. NeuroImage, 2006, 31, 308-312.	2.1	39
122	Motor activation in SPG4-linked hereditary spastic paraplegia. Journal of the Neurological Sciences, 2006, 244, 31-39.	0.3	10
123	Magnetic Resonance Imaging at 3.0 Tesla Detects More Lesions in Acute Optic Neuritis Than at 1.5 Tesla. Investigative Radiology, 2006, 41, 76-82.	3.5	33
124	A prospective PET study of patients with glioblastoma multiforme. Acta Neurologica Scandinavica, 2006, 113, 412-418.	1.0	2
125	Global Cerebral Blood Flow and Metabolism during Acute Hyperketonemia in the Awake and Anesthetized Rat. Journal of Cerebral Blood Flow and Metabolism, 2006, 26, 170-180.	2.4	24
126	Shape configuration and category-specificity. Neuropsychologia, 2006, 44, 1247-1260.	0.7	31

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127	Correlation of Global N-Acetyl Aspartate With Cognitive Impairment in Multiple Sclerosis. Archives of Neurology, 2006, 63, 533.	4.9	61
128	Laser Doppler flowmetry is valid for measurement of cerebral blood flow autoregulation lower limit in rats. Experimental Physiology, 2005, 90, 349-355.	0.9	49
129	White matter hyperintensities and depressionâ€"preliminary results from the LADIS study. International Journal of Geriatric Psychiatry, 2005, 20, 674-679.	1.3	56
130	Multi-slice echo-planar spectroscopic MR imaging provides both global and local metabolite measures in multiple sclerosis. Magnetic Resonance in Medicine, 2005, 53, 750-759.	1.9	25
131	Decline in intelligence is associated with progression in white matter hyperintensity volume. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 1289-1291.	0.9	98
132	MRI results from the European Study on Intravenous Immunoglobulin in Secondary Progressive Multiple Sclerosis (ESIMS). Multiple Sclerosis Journal, 2005, 11, 433-440.	1.4	47
133	Reduced regional cerebral blood flow in SPG4-linked hereditary spastic paraplegia. Journal of the Neurological Sciences, 2005, 235, 23-32.	0.3	20
134	The relationship between cerebral blood flow and volume in humans. NeuroImage, 2005, 24, 1-11.	2.1	135
135	MR-based automatic delineation of volumes of interest in human brain PET images using probability maps. NeuroImage, 2005, 24, 969-979.	2.1	327
136	Motion or activity: their role in intra- and inter-subject variation in fMRI. NeuroImage, 2005, 26, 960-964.	2.1	208
137	Changes in BOLD and ADC weighted imaging in acute hypoxia during sea-level and altitude adapted states. Neurolmage, 2005, 28, 947-955.	2.1	34
138	Assessment of in vivo MR imaging compared to physical sections in vitro—A quantitative study of brain volumes using stereology. NeuroImage, 2005, 26, 57-65.	2.1	37
139	Increased intracranial volume in Parkinson's disease. Journal of the Neurological Sciences, 2005, 239, 45-52.	0.3	45
140	Arterial spin labeling in the presence of severe motion. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S382-S382.	2.4	4
141	Serotonin receptor binding in mild cognitive impairment studied by PET and [18F]-altanserin. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S390-S390.	2.4	0
142	Cerebral blood flow autoregulation in a rat model of subarachnoid hemorrhage as determined with laser Doppler flowmetry and the intra-arterial 133xenon method. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S197-S197.	2.4	0
143	Modelling the bold response, a numerical approach. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S385-S385.	2.4	0
144	CBF as a diagnostic tool in dementias: Revision required?. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S701-S701.	2.4	0

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145	Parieto–Occipital Areas Involved in Efficient Filtering in Search: A Time Course Analysis of Visual Marking using Behavioural and Functional Imaging Procedures. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2004, 57, 610-635.	2.3	36
146	Enhanced Accuracy in Novel Mirror Drawing after Repetitive Transcranial Magnetic Stimulation-Induced Proprioceptive Deafferentation. Journal of Neuroscience, 2004, 24, 9698-9702.	1.7	58
147	Right Temporoparietal Cortex Activation during Visuo-proprioceptive Conflict. Cerebral Cortex, 2004, 15, 166-169.	1.6	47
148	Hereditary spastic paraplegia with cerebellar ataxia: a complex phenotype associated with a new SPG4 gene mutation. European Journal of Neurology, 2004, 11, 817-824.	1.7	70
149	[18F]altanserin Binding to Human 5HT2A Receptors is Unaltered after Citalopram and Pindolol Challenge. Journal of Cerebral Blood Flow and Metabolism, 2004, 24, 1037-1045.	2.4	42
150	Structural similarity and category-specificity: a refined account. Neuropsychologia, 2004, 42, 1543-1553.	0.7	26
151	Structural similarity and category-specificity: a refined account. Neuropsychologia, 2004, 42, 1543-1543.	0.7	1
152	A database of [18F]-altanserin binding to 5-HT2A receptors in normal volunteers: normative data and relationship to physiological and demographic variables. NeuroImage, 2004, 21, 1105-1113.	2.1	111
153	Hypercapnic normalization of BOLD fMRI: comparison across field strengths and pulse sequences. NeuroImage, 2004, 23, 613-624.	2.1	91
154	P2-146 Impact of MRI white matter hyperintensities on prepulse inhibition in a mixed elderly population. Neurobiology of Aging, 2004, 25, S266.	1.5	0
155	Cerebral glucose metabolism in long-term survivors of childhood primary brain tumors treated with surgery and radiotherapy. Journal of Neuro-Oncology, 2003, 62, 305-313.	1.4	5
156	Effect of nephrectomy and captopril on autoregulation of cerebral blood flow in rats. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H1097-H1104.	1.5	21
157	Nephrectomy and peritoneal dialysis eliminates circulating renin and controls uraemia in the rat. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2002, 3, 130-134.	1.0	5
158	When Action Turns into Words. Activation of Motor-Based Knowledge during Categorization of Manipulable Objects. Journal of Cognitive Neuroscience, 2002, 14, 1230-1239.	1.1	143
159	Blood–brain barrier, brain metabolism and cerebral blood flow. European Neuropsychopharmacology, 2002, 12, 495-501.	0.3	98
160	Cortical Deactivation Induced by Visual Stimulation in Human Slow-Wave Sleep. NeuroImage, 2002, 17, 1325-1335.	2.1	96
161	Oxygen delivery to the brain during behavioral activation at acute normobaric hypoxemia. International Congress Series, 2002, 1235, 87-97.	0.2	4
162	Hemodynamic and metabolic features of cerebral activation. International Congress Series, 2002, 1235, 205-212.	0.2	0

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163	The Role of Action Knowledge in the Comprehension of Artefacts— A PET Study. NeuroImage, 2002, 15, 143-152.	2.1	39
164	Activation-Induced Resetting of Cerebral Metabolism and Flow Is Abolished by $\hat{l}^2$ -Adrenergic Blockade With Propranolol. Stroke, 2002, 33, 251-255.	1.0	51
165	Brain activity related to integrative processes in visual object recognition: bottom-up integration and the modulatory influence of stored knowledge. Neuropsychologia, 2002, 40, 1254-1267.	0.7	71
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