

# Egill Rostrup

## List of Publications by Year in descending order

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200  
papers

9,817  
citations

31949

53  
h-index

42364

92  
g-index

213  
all docs

213  
docs citations

213  
times ranked

12621  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion tensor imaging during recovery from severe traumatic brain injury and relation to clinical outcome: a longitudinal study. <i>Brain</i> , 2008, 131, 559-572.	3.7	481
2	On Clustering fMRI Time Series. <i>NeuroImage</i> , 1999, 9, 298-310.	2.1	431
3	Impact of White Matter Hyperintensities Scoring Method on Correlations With Clinical Data. <i>Stroke</i> , 2006, 37, 836-840.	1.0	269
4	Relation between age-related decline in intelligence and cerebral white-matter hyperintensities in healthy octogenarians: a longitudinal study. <i>Lancet</i> , The, 2000, 356, 628-634.	6.3	267
5	Determination of relative CMRO <sub>2</sub> from CBF and BOLD changes: Significant increase of oxygen consumption rate during visual stimulation. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 1152-1161.	1.9	257
6	Recording, analysis, and interpretation of spreading depolarizations in neurointensive care: Review and recommendations of the COSBID research group. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1595-1625.	2.4	255
7	Measurement of the arterial concentration of Gd-DTPA using MRI: A step toward quantitative perfusion imaging. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 225-231.	1.9	224
8	Myocardial perfusion modeling using MRI. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 716-726.	1.9	214
9	Cerebral Blood Flow Response to Functional Activation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 2-14.	2.4	214
10	Motion or activity: their role in intra- and inter-subject variation in fMRI. <i>NeuroImage</i> , 2005, 26, 960-964.	2.1	208
11	Alterations of the Brain Reward System in Antipsychotic Naïve Schizophrenia Patients. <i>Biological Psychiatry</i> , 2012, 71, 898-905.	0.7	197
12	Long-term global and regional brain volume changes following severe traumatic brain injury: A longitudinal study with clinical correlates. <i>NeuroImage</i> , 2009, 44, 1-8.	2.1	195
13	Regional Differences in the CBF and BOLD Responses to Hypercapnia: A Combined PET and fMRI Study. <i>NeuroImage</i> , 2000, 11, 87-97.	2.1	189
14	Measurement of brain perfusion, blood volume, and blood-brain barrier permeability, using dynamic contrast-enhanced T <sub>1</sub> -weighted MRI at 3 tesla. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 1270-1281.	1.9	185
15	Cerebral Perfusion and Cerebrovascular Reactivity Are Reduced in White Matter Hyperintensities. <i>Stroke</i> , 2002, 33, 972-976.	1.0	181
16	Abnormal blood-brain barrier permeability in normal appearing white matter in multiple sclerosis investigated by MRI. <i>NeuroImage: Clinical</i> , 2014, 4, 182-189.	1.4	180
17	Early detection of Alzheimer's disease using M <sub>RI</sub> hippocampal texture. <i>Human Brain Mapping</i> , 2016, 37, 1148-1161.	1.9	165
18	Magnetic resonance imaging of wrist and finger joints in healthy subjects occasionally shows changes resembling erosions and synovitis as seen in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2004, 50, 1097-1106.	6.7	151

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19	Generalizable Patterns in Neuroimaging: How Many Principal Components?. <i>NeuroImage</i> , 1999, 9, 534-544.	2.1	143
20	Improvement of Brain Reward Abnormalities by Antipsychotic Monotherapy in Schizophrenia. <i>Archives of General Psychiatry</i> , 2012, 69, 1195.	13.8	137
21	The relationship between cerebral blood flow and volume in humans. <i>NeuroImage</i> , 2005, 24, 1-11.	2.1	135
22	Visual Activation in Infants and Young Children Studied by Functional Magnetic Resonance Imaging. <i>Pediatric Research</i> , 1998, 44, 578-583.	1.1	134
23	Feature-space clustering for fMRI meta-analysis. <i>Human Brain Mapping</i> , 2001, 13, 165-183.	1.9	123
24	Response to initial antipsychotic treatment in first episode psychosis is related to anterior cingulate glutamate levels: a multicentre 1H-MRS study (OPTiMiSE). <i>Molecular Psychiatry</i> , 2018, 23, 2145-2155.	4.1	113
25	Functional MRI of CO2 induced increase in cerebral perfusion. <i>NMR in Biomedicine</i> , 1994, 7, 29-34.	1.6	109
26	Cerebral hemodynamics measured with simultaneous PET and near-infrared spectroscopy in humans. <i>Brain Research</i> , 2002, 954, 183-193.	1.1	103
27	Functional Magnetic Resonance Imaging of the Normal and Abnormal Visual System in Early Life. <i>Neuropediatrics</i> , 2000, 31, 24-32.	0.3	97
28	Cortical Deactivation Induced by Visual Stimulation in Human Slow-Wave Sleep. <i>NeuroImage</i> , 2002, 17, 1325-1335.	2.1	96
29	Recommendations to improve imaging and analysis of brain lesion load and atrophy in longitudinal studies of multiple sclerosis. <i>Journal of Neurology</i> , 2013, 260, 2458-2471.	1.8	96
30	Hypercapnic normalization of BOLD fMRI: comparison across field strengths and pulse sequences. <i>NeuroImage</i> , 2004, 23, 613-624.	2.1	91
31	The effect of exercise on hippocampal volume and neurotrophines in patients with major depressionâ€”A randomized clinical trial. <i>Journal of Affective Disorders</i> , 2014, 165, 24-30.	2.0	91
32	Corpus callosum atrophy is associated with mental slowing and executive deficits in subjects with age-related white matter hyperintensities: the LADIS Study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006, 78, 491-496.	0.9	90
33	Diabetes mellitus, hypertension and medial temporal lobe atrophy: the LADIS study. <i>Diabetic Medicine</i> , 2007, 24, 166-171.	1.2	88
34	Capillary transfer constant of Gd-DTPA in the myocardium at rest and during vasodilation assessed by MRI. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 922-929.	1.9	86
35	Change in brain network connectivity during PACAP38-induced migraine attacks. <i>Neurology</i> , 2016, 86, 180-187.	1.5	86
36	The spatial distribution of age-related white matter changes as a function of vascular risk factorsâ€”Results from the LADIS study. <i>NeuroImage</i> , 2012, 60, 1597-1607.	2.1	85

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37	Variability of physiological brain perfusion in healthy subjects â€” A systematic review of modifiers. Considerations for multi-center ASL studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1418-1437.	2.4	84
38	Accelerated cerebral white matter development in preterm infants: A voxel-based morphometry study with diffusion tensor MR imaging. <i>NeuroImage</i> , 2008, 41, 728-734.	2.1	83
39	Diffusion-Weighted Imaging and Cognition in the Leukoariosis and Disability in the Elderly Study. <i>Stroke</i> , 2010, 41, e402-8.	1.0	82
40	Signal changes in gradient echo images of human brain induced by hypo- and hyperoxia. <i>NMR in Biomedicine</i> , 1995, 8, 41-47.	1.6	81
41	Histological and histomorphometrical evaluation of tissue reactions adjacent to endosteal implants in monkey's. <i>Clinical Oral Implants Research</i> , 1991, 2, 30-37.	1.9	74
42	Change of visually induced cortical activation patterns during development. <i>Lancet, The</i> , 1996, 347, 543.	6.3	73
43	Dynamic contrast-enhanced quantitative perfusion measurement of the brain using $T_1$ -weighted MRI at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 754-762.	1.9	71
44	Altered thalamic connectivity during spontaneous attacks of migraine without aura: A resting-state fMRI study. <i>Cephalalgia</i> , 2018, 38, 1237-1244.	1.8	71
45	Visual cortex reactivity in sedated children examined with perfusion MRI (FAIR). <i>Magnetic Resonance Imaging</i> , 2002, 20, 199-205.	1.0	70
46	Striatal Reward Activity and Antipsychotic-Associated Weight Change in Patients With Schizophrenia Undergoing Initial Treatment. <i>JAMA Psychiatry</i> , 2016, 73, 121.	6.0	68
47	Clinical significance of corpus callosum atrophy in a mixed elderly population. <i>Neurobiology of Aging</i> , 2007, 28, 955-963.	1.5	67
48	Estimation of intersubject variability of cerebral blood flow measurements using MRI and positron emission tomography. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 1290-1299.	1.9	67
49	Relation between interfacial surface tension of electrolyte crystals in aqueous suspension and their solubility; a simple derivation based on surface nucleation. <i>Journal of Crystal Growth</i> , 1991, 113, 599-605.	0.7	64
50	Quantitation of Regional Cerebral Blood Flow Corrected for Partial Volume Effect Using O-15 Water and PET: II. Normal Values and Gray Matter Blood Flow Response to Visual Activation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 1252-1263.	2.4	59
51	Increased intrinsic brain connectivity between pons and somatosensory cortex during attacks of migraine with aura. <i>Human Brain Mapping</i> , 2017, 38, 2635-2642.	1.9	59
52	Persisting asymmetries of vision after right side lesions. <i>Neuropsychologia</i> , 2006, 44, 876-895.	0.7	58
53	Source localization of sensory gating: A combined EEG and fMRI study in healthy volunteers. <i>NeuroImage</i> , 2011, 54, 2711-2718.	2.1	57
54	Corpus callosum atrophy as a predictor of age-related cognitive and motor impairment: A 3-year follow-up of the LADIS study cohort. <i>Journal of the Neurological Sciences</i> , 2011, 307, 100-105.	0.3	57

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55	Interhemispheric differences of fMRI responses to visual stimuli in patients with side-affected migraine aura. <i>Human Brain Mapping</i> , 2014, 35, 2714-2723.	1.9	57
56	Towards Precision Medicine in Psychosis: Benefits and Challenges of Multimodal Multicenter Studies-PSYSCAN: Translating Neuroimaging Findings From Research into Clinical Practice. <i>Schizophrenia Bulletin</i> , 2020, 46, 432-441.	2.3	56
57	Monoaminergic systems in the brainstem and spinal cord of the turtle <i>Pseudemys scripta elegans</i> revealed by antibodies against serotonin and tyrosine hydroxylase. <i>Journal of Comparative Neurology</i> , 1992, 325, 527-547.	0.9	54
58	Functional MRI of the visual cortex and visual testing in patients with previous optic neuritis. <i>European Journal of Neurology</i> , 2002, 9, 277-286.	1.7	54
59	Discrimination between glioma grades II and III in suspected low-grade gliomas using dynamic contrast-enhanced and dynamic susceptibility contrast perfusion MR imaging: a histogram analysis approach. <i>Neuroradiology</i> , 2014, 56, 1031-1038.	1.1	54
60	Segmentation of age-related white matter changes in a clinical multi-center study. <i>NeuroImage</i> , 2008, 41, 335-345.	2.1	51
61	White Matter Changes Contribute to Corpus Callosum Atrophy in the Elderly: The LADIS Study. <i>American Journal of Neuroradiology</i> , 2008, 29, 1498-1504.	1.2	51
62	Subclinical cognitive decline in middle age is associated with reduced task-induced deactivation of the brain's default mode network. <i>Human Brain Mapping</i> , 2014, 35, 4488-4498.	1.9	51
63	Interaction of cadmium ions with calcium hydroxyapatite crystals: a possible mechanism contributing to the pathogenesis of cadmium-induced bone diseases. <i>Calcified Tissue International</i> , 1988, 42, 331-339.	1.5	50
64	Dynamic magnetic resonance imaging of the metacarpophalangeal joints in rheumatoid arthritis, early unclassified polyarthritis, and healthy controls. <i>Scandinavian Journal of Rheumatology</i> , 2000, 29, 108-115.	0.6	50
65	Treatment response after 6 and 26 weeks is related to baseline glutamate and GABA levels in antipsychotic-naïve patients with psychosis. <i>Psychological Medicine</i> , 2020, 50, 2182-2193.	2.7	49
66	Visual processing speed in old age. <i>Scandinavian Journal of Psychology</i> , 2013, 54, 89-94.	0.8	48
67	Quantification of gadolinium-dtpa concentrations for different inversion times using an ir-turbo flash pulse sequence: a study on optimizing multislice perfusion imaging. <i>Magnetic Resonance Imaging</i> , 1998, 16, 893-899.	1.0	44
68	Corpus Callosum Atrophy in Patients with Mild Alzheimer's Disease. <i>Neurodegenerative Diseases</i> , 2011, 8, 476-482.	0.8	44
69	Frontal fasciculi and psychotic symptoms in antipsychotic-naïve patients with schizophrenia before and after 6 weeks of selective dopamine D2/3 receptor blockade. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 133-141.	1.4	44
70	Visual attention capacity after right hemisphere lesions. <i>Neuropsychologia</i> , 2007, 45, 1474-1488.	0.7	43
71	Partial volume effect (PVE) on the arterial input function (AIF) in $T_1$ -weighted perfusion imaging and limitations of the multiplicative rescaling approach. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 1055-1059.	1.9	42
72	Comparison of simultaneous arterial spin labeling MRI and $^{15}O$ -H $_2$ O PET measurements of regional cerebral blood flow in rest and altered perfusion states. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1621-1633.	2.4	42

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73	Early focal brain injury after subarachnoid hemorrhage correlates with spreading depolarizations. <i>Neurology</i> , 2019, 92, e326-e341.	1.5	40
74	Assessment of in vivo MR imaging compared to physical sections in vitro—A quantitative study of brain volumes using stereology. <i>NeuroImage</i> , 2005, 26, 57-65.	2.1	37
75	No abnormalities of intrinsic brain connectivity in the interictal phase of migraine with aura. <i>European Journal of Neurology</i> , 2015, 22, 702.	1.7	37
76	Muscle structural changes in mitochondrial myopathy relate to genotype. <i>Journal of Neurology</i> , 2003, 250, 1328-1334.	1.8	36
77	Concurrent functional magnetic resonance imaging and electroencephalography assessment of sensory gating in schizophrenia. <i>Human Brain Mapping</i> , 2014, 35, 3578-3587.	1.9	36
78	Cerebral glutamate and GABA levels in high-risk of psychosis states: A focused review and meta-analysis of 1H-MRS studies. <i>Schizophrenia Research</i> , 2020, 215, 38-48.	1.1	36
79	Associations Between Cognitive Function and Levels of Glutamatergic Metabolites and Gamma-Aminobutyric Acid in Antipsychotic-Naïve Patients With Schizophrenia or Psychosis. <i>Biological Psychiatry</i> , 2021, 89, 278-287.	0.7	36
80	Changes in BOLD and ADC weighted imaging in acute hypoxia during sea-level and altitude adapted states. <i>NeuroImage</i> , 2005, 28, 947-955.	2.1	34
81	Striatal D <sub>2/3</sub> Binding Potential Values in Drug-Naïve First-Episode Schizophrenia Patients Correlate With Treatment Outcome. <i>Schizophrenia Bulletin</i> , 2015, 41, 1143-1152.	2.3	34
82	Effect of Home-Based High-Intensity Interval Training in Patients With Lacunar Stroke: A Randomized Controlled Trial. <i>Frontiers in Neurology</i> , 2019, 10, 664.	1.1	34
83	Magnetic Resonance Imaging at 3.0 Tesla Detects More Lesions in Acute Optic Neuritis Than at 1.5 Tesla. <i>Investigative Radiology</i> , 2006, 41, 76-82.	3.5	33
84	Patterns of white matter microstructure in individuals at ultra-high-risk for psychosis: associations to level of functioning and clinical symptoms. <i>Psychological Medicine</i> , 2017, 47, 2689-2707.	2.7	32
85	Sources of Variability of Resting Cerebral Blood Flow in Healthy Subjects: A Study Using <sup>133</sup> Xe SPECT Measurements. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 787-792.	2.4	31
86	Quantitative and qualitative MRI evaluation of cerebral small vessel disease in an elderly population: a longitudinal study. <i>Acta Radiologica</i> , 2018, 59, 612-618.	0.5	30
87	Cerebral Haemodynamic Response or Excitability is not Affected by Sildenafil. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 830-839.	2.4	29
88	Cerebral hemodynamic changes measured by gradient-echo or spin-echo bolus tracking and its correlation to changes in ICA blood flow measured by phase-mapping MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 14, 391-400.	1.9	28
89	Sparse Decomposition and Modeling of Anatomical Shape Variation. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 1625-1635.	5.4	28
90	Heritability of cerebral glutamate levels and their association with schizophrenia spectrum disorders: a 1[H]-spectroscopy twin study. <i>Neuropsychopharmacology</i> , 2019, 44, 581-589.	2.8	28

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91	Longitudinal Magnetic Resonance Imaging (MRI) Analysis of the Developmental Changes of Tourette Syndrome Reveal Reduced Diffusion in the Cortico-Striato-Thalamo-Cortical Pathways. <i>Journal of Child Neurology</i> , 2015, 30, 1315-1326.	0.7	27
92	Multiple measures of HPA axis function in ultra high risk and first-episode schizophrenia patients. <i>Psychoneuroendocrinology</i> , 2018, 92, 72-80.	1.3	26
93	Multi-slice echo-planar spectroscopic MR imaging provides both global and local metabolite measures in multiple sclerosis. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 750-759.	1.9	25
94	Adding left atrial appendage closure to open heart surgery provides protection from ischemic brain injury six years after surgery independently of atrial fibrillation history: the LAACS randomized study. <i>Journal of Cardiothoracic Surgery</i> , 2018, 13, 53.	0.4	25
95	Glucagon-like peptide-1 analogs against antipsychotic-induced weight gain: potential physiological benefits. <i>BMC Medicine</i> , 2012, 10, 92.	2.3	24
96	Negative Symptoms and Reward Disturbances in Schizophrenia Before and After Antipsychotic Monotherapy. <i>Clinical EEG and Neuroscience</i> , 2018, 49, 36-45.	0.9	24
97	Glutamate Levels and Resting Cerebral Blood Flow in Anterior Cingulate Cortex Are Associated at Rest and Immediately Following Infusion of S-Ketamine in Healthy Volunteers. <i>Frontiers in Psychiatry</i> , 2018, 9, 22.	1.3	24
98	A machine-learning framework for robust and reliable prediction of short- and long-term treatment response in initially antipsychotic-naïve schizophrenia patients based on multimodal neuropsychiatric data. <i>Translational Psychiatry</i> , 2020, 10, 276.	2.4	24
99	Volume of hippocampal subregions and clinical improvement following electroconvulsive therapy in patients with depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 104, 110048.	2.5	24
100	Measurement of brain oxygenation changes using dynamic T1-weighted imaging. <i>NeuroImage</i> , 2013, 78, 7-15.	2.1	23
101	Impaired cerebrovascular reactivity in obstructive sleep apnea: a case-control study. <i>Sleep Medicine</i> , 2018, 43, 7-13.	0.8	23
102	White matter maturation during 12 months in individuals at ultra-high risk for psychosis. <i>Acta Psychiatrica Scandinavica</i> , 2018, 137, 65-78.	2.2	23
103	Cerebral Asymmetry of fMRI-BOLD Responses to Visual Stimulation. <i>PLoS ONE</i> , 2015, 10, e0126477.	1.1	23
104	The relation between dopamine D <sub>2</sub> receptor blockade and the brain reward system: a longitudinal study of first-episode schizophrenia patients. <i>Psychological Medicine</i> , 2020, 50, 220-228.	2.7	22
105	Resting Brain Perfusion and Selected Vascular Risk Factors in Healthy Elderly Subjects. <i>PLoS ONE</i> , 2014, 9, e97363.	1.1	22
106	Treatment of antipsychotic-associated obesity with a GLP-1 receptor agonist protocol for an investigator-initiated prospective, randomised, placebo-controlled, double-blinded intervention study: the TAO study protocol. <i>BMJ Open</i> , 2014, 4, e004158.	0.8	20
107	Alterations of Intrinsic Connectivity Networks in Antipsychotic-Naïve First-Episode Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018, 44, 1332-1340.	2.3	20
108	Accuracy of diagnostic classification algorithms using cognitive-, electrophysiological-, and neuroanatomical data in antipsychotic-naïve schizophrenia patients. <i>Psychological Medicine</i> , 2019, 49, 2754-2763.	2.7	20

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109	Induction of migraine-like headache, but not aura, by cilostazol in patients with migraine with aura. <i>Brain</i> , 2018, 141, 2943-2951.	3.7	19
110	Cortical structures and their clinical correlates in antipsychotic-naïve schizophrenia patients before and after 6 weeks of dopamine D <sub>2/3</sub> receptor antagonist treatment. <i>Psychological Medicine</i> , 2019, 49, 754-763.	2.7	19
111	The PASTIS trial: Testing tadalafil for possible use in vascular cognitive impairment. <i>Alzheimer's and Dementia</i> , 2022, 18, 2393-2402.	0.4	18
112	Study of medication-free children with Tourette syndrome do not show imaging abnormalities. <i>Movement Disorders</i> , 2014, 29, 1212-1216.	2.2	17
113	Frontal D2/3 Receptor Availability in Schizophrenia Patients Before and After Their First Antipsychotic Treatment: Relation to Cognitive Functions and Psychopathology. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw006.	1.0	17
114	Perfusion by Arterial Spin labelling following Single dose Tadalafil In Small vessel disease (PASTIS): study protocol for a randomised controlled trial. <i>Trials</i> , 2017, 18, 229.	0.7	17
115	Phase contrast mapping MRI measurements of global cerebral blood flow across different perfusion states – A direct comparison with <sup>15</sup> O-H <sub>2</sub> O positron emission tomography using a hybrid PET/MR system. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2368-2378.	2.4	17
116	Differential effects of age at illness onset on verbal memory functions in antipsychotic-naïve schizophrenia patients aged 12–43 years. <i>Psychological Medicine</i> , 2021, 51, 1570-1580.	2.7	17
117	Heritability of Cerebral Blood Flow and the Correlation to Schizophrenia Spectrum Disorders: A Pseudo-continuous Arterial Spin Labeling Twin Study. <i>Schizophrenia Bulletin</i> , 2019, 45, 1231-1241.	2.3	16
118	Acute MRI Changes in Progressive Ischemic Stroke. <i>European Neurology</i> , 2008, 59, 229-236.	0.6	15
119	Striatal Volume Increase After Six Weeks of Selective Dopamine D2/3 Receptor Blockade in First-Episode, Antipsychotic-Naïve Schizophrenia Patients. <i>Frontiers in Neuroscience</i> , 2020, 14, 484.	1.4	15
120	Correlation between single-trial visual evoked potentials and the blood oxygenation level dependent response in simultaneously recorded electroencephalography-functional magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 252-260.	1.9	14
121	Effects of Sildenafil on Cerebrovascular Reactivity in Patients with Becker Muscular Dystrophy. <i>Neurotherapeutics</i> , 2017, 14, 182-190.	2.1	14
122	EEG correlates of visual short-term memory in older age vary with adult lifespan cognitive development. <i>Neurobiology of Aging</i> , 2018, 62, 210-220.	1.5	14
123	Dopaminergic Activity in Antipsychotic-Naïve Patients Assessed With Positron Emission Tomography Before and After Partial Dopamine D2 Receptor Agonist Treatment: Association With Psychotic Symptoms and Treatment Response. <i>Biological Psychiatry</i> , 2022, 91, 236-245.	0.7	14
124	A model system for perfusion quantification using FAIR. <i>Magnetic Resonance Imaging</i> , 2000, 18, 565-574.	1.0	13
125	Relationship between cardiac function and resting cerebral blood flow: MRI measurements in healthy elderly subjects. <i>Clinical Physiology and Functional Imaging</i> , 2014, 34, 471-477.	0.5	13
126	Non-pharmacological modulation of cerebral white matter organization: A systematic review of non-psychiatric and psychiatric studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 88, 84-97.	2.9	13



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127	Patterns of Cortical Structures and Cognition in Antipsychotic-Naïve Patients With First-Episode Schizophrenia: A Partial Least Squares Correlation Analysis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 444-453.	1.1	12
128	Cerebral Glutamate and Gamma-Aminobutyric Acid Levels in Individuals at Ultra-high Risk for Psychosis and the Association With Clinical Symptoms and Cognition. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 569-579.	1.1	12
129	Automatic continuous EEG signal analysis for diagnosis of delirium in patients with sepsis. <i>Clinical Neurophysiology</i> , 2021, 132, 2075-2082.	0.7	12
130	Tadalafil may improve cerebral perfusion in small-vessel occlusion stroke—a pilot study. <i>Brain Communications</i> , 2020, 2, fcaa020.	1.5	11
131	Discovering markers of healthy aging: a prospective study in a Danish male birth cohort. <i>Aging</i> , 2019, 11, 5943-5974.	1.4	11
132	Improved perfusion quantification in FAIR imaging by offset correction. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 193-197.	1.9	10
133	Neurostereologic Lesion Volumes and Spreading Depolarizations in Severe Traumatic Brain Injury Patients: A Pilot Study. <i>Neurocritical Care</i> , 2019, 30, 557-568.	1.2	9
134	Associations of neural processing of reward with posttraumatic stress disorder and secondary psychotic symptoms in trauma-affected refugees. <i>HÅrgr Utbildning</i> , 2020, 11, 1730091.	1.4	9
135	Symptom Remission and Brain Cortical Networks at First Clinical Presentation of Psychosis: The OPTiMISE Study. <i>Schizophrenia Bulletin</i> , 2021, 47, 444-455.	2.3	9
136	Home-based aerobic exercise in patients with lacunar stroke: Design of the HITPALS randomized controlled trial. <i>Contemporary Clinical Trials Communications</i> , 2019, 14, 100332.	0.5	8
137	The impact of schizophrenia and intelligence on the relationship between age and brain volume. <i>Schizophrenia Research: Cognition</i> , 2019, 15, 1-6.	0.7	8
138	Influence of early life characteristics on psychiatric admissions and impact of psychiatric disease on inflammatory biomarkers and survival: a Danish cohort study. <i>World Psychiatry</i> , 2015, 14, 364-365.	4.8	7
139	Subclinical depressive symptoms during late midlife and structural brain alterations: A longitudinal study of Danish men born in 1953. <i>Human Brain Mapping</i> , 2018, 39, 1789-1795.	1.9	7
140	Baseline measures of cerebral glutamate and GABA levels in individuals at ultrahigh risk for psychosis: Implications for clinical outcome after 12 months. <i>European Psychiatry</i> , 2020, 63, e83.	0.1	7
141	Sub-Clinical Cognitive Decline and Resting Cerebral Blood Flow in Middle Aged Men. <i>PLoS ONE</i> , 2017, 12, e0169912.	1.1	7
142	Test-retest reliability of arterial spin labelling for cerebral blood flow in older adults with small vessel disease. <i>Translational Stroke Research</i> , 2022, 13, 583-594.	2.3	7
143	Multimodal assessment of white matter microstructure in antipsychotic-naïve schizophrenia patients and confounding effects of recreational drug use. <i>Brain Imaging and Behavior</i> , 2021, 15, 36-48.	1.1	6
144	Regional and interindividual relationships between cerebral perfusion and oxygen metabolism. <i>Journal of Applied Physiology</i> , 2021, 130, 1836-1847.	1.2	6

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145	Glycopyrrolate does not influence the visual or motor-induced increase in regional cerebral perfusion. <i>Frontiers in Physiology</i> , 2014, 5, 45.	1.3	5
146	Associations between cognition and white matter microstructure in first-episode antipsychotic-naïve patients with schizophrenia and healthy controls: A multivariate pattern analysis. <i>Cortex</i> , 2021, 139, 282-297.	1.1	5
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