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	Reward Processing as an Indicator of Vulnerability or Compensatory Resilience in Psychoses? Results From a Twin Study. Biological Psychiatry Global Open Science, 2023, 3, 47-55.	1.0	3
2	Dopamine Synthesis Capacity and GABA and Glutamate Levels Separate Antipsychotic-NaÃ¯ve Patients With First-Episode Psychosis From Healthy Control Subjects in a Multimodal Prediction Model. Biological Psychiatry Global Open Science, 2023, 3, 500-509.	1.0	5
3	Dopaminergic Activity in Antipsychotic-NaÃ¯ve Patients Assessed With Positron Emission Tomography Before and After Partial Dopamine D2 Receptor Agonist Treatment: Association With Psychotic Symptoms and Treatment Response. Biological Psychiatry, 2022, 91, 236-245.	0.7	14
4	White matter diffusivity and its correlations to state measures of psychopathology in male refugees with posttraumatic stress disorder. NeuroImage: Clinical, 2022, 33, 102929.	1.4	3
5	Testâ€“retest reliability of arterial spin labelling for cerebral blood flow in older adults with small vessel disease. Translational Stroke Research, 2022, 13, 583-594.	2.3	7
6	The PASTIS trial: Testing tadalafil for possible use in vascular cognitive impairment. Alzheimer's and Dementia, 2022, 18, 2393-2402.	0.4	18
7	Cortico-cognition coupling in treatment resistant schizophrenia. NeuroImage: Clinical, 2022, 35, 103064.	1.4	4
8	Differential effects of age at illness onset on verbal memory functions in antipsychotic-naÃ¯ve schizophrenia patients aged 12â€“43 years. Psychological Medicine, 2021, 51, 1570-1580.	2.7	17
9	Multimodal assessment of white matter microstructure in antipsychotic-naÃ¯ve schizophrenia patients and confounding effects of recreational drug use. Brain Imaging and Behavior, 2021, 15, 36-48.	1.1	6
10	Associations Between Cognitive Function and Levels of Glutamatergic Metabolites and Gamma-Aminobutyric Acid in Antipsychotic-NaÃ¯ve Patients With Schizophrenia or Psychosis. Biological Psychiatry, 2021, 89, 278-287.	0.7	36
11	Volume of hippocampal subregions and clinical improvement following electroconvulsive therapy in patients with depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 104, 110048.	2.5	24
12	Symptom Remission and Brain Cortical Networks at First Clinical Presentation of Psychosis: The OPTiMiSE Study. Schizophrenia Bulletin, 2021, 47, 444-455.	2.3	9
13	Regional and interindividual relationships between cerebral perfusion and oxygen metabolism. Journal of Applied Physiology, 2021, 130, 1836-1847.	1.2	6
14	Associations between cognition and white matter microstructure in first-episode antipsychotic-naÃ¯ve patients with schizophrenia and healthy controls: A multivariate pattern analysis. Cortex, 2021, 139, 282-297.	1.1	5
15	Automatic continuous EEG signal analysis for diagnosis of delirium in patients with sepsis. Clinical Neurophysiology, 2021, 132, 2075-2082.	0.7	12
16	The relation between dopamine D₂ receptor blockade and the brain reward system: a longitudinal study of first-episode schizophrenia patients. Psychological Medicine, 2020, 50, 220-228.	2.7	22
17	Treatment response after 6 and 26 weeks is related to baseline glutamate and GABA levels in antipsychotic-naÃ¯ve patients with psychosis. Psychological Medicine, 2020, 50, 2182-2193.	2.7	49
18	Towards Precision Medicine in Psychosis: Benefits and Challenges of Multimodal Multicenter Studiesâ€”PSYSCAN: Translating Neuroimaging Findings From Research into Clinical Practice. Schizophrenia Bulletin, 2020, 46, 432-441.	2.3	56

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19	Comparison of simultaneous arterial spin labeling MRI and ¹⁵O-H₂O PET measurements of regional cerebral blood flow in rest and altered perfusion states. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1621-1633.	2.4	42
20	Supplementary data for a focused review and meta-analysis of 1H-MRS studies on cerebral glutamate and GABA levels in high-risk of psychosis states. Data in Brief, 2020, 28, 104920.	0.5	1
21	Cerebral glutamate and GABA levels in high-risk of psychosis states: AÂfocused review and meta-analysis of 1H-MRS studies. Schizophrenia Research, 2020, 215, 38-48.	1.1	36
22	Cerebral Glutamate and Gamma-Aminobutyric Acid Levels in Individuals at Ultra-high Risk for Psychosis and the Association With Clinical Symptoms and Cognition. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 569-579.	1.1	12
23	M143. REGIONAL CEREBRAL BLOOD FLOW IN INITIALLY ANTIPSYCHOTIC-NAÃ¯VE PATIENTS WITH SCHIZOPHRENIA OR PSYCHOSIS: EFFECTS OF PARTIAL D2 RECEPTOR AGONISM AND ASSOCIATION WITH SYMPTOM IMPROVEMENT. Schizophrenia Bulletin, 2020, 46, S190-S190.	2.3	0
24	M148. NORMALIZATION IN REWARD PROCESSING DURING INITIAL TREATMENT MAY PREDICT LONG-TERM CLINICAL OUTCOME IN ANTIPSYCHOTIC NAÃ¯VE SCHIZOPHRENIA PATIENTS. Schizophrenia Bulletin, 2020, 46, S191-S192.	2.3	0
25	S12. A MACHINE LEARNING FRAMEWORK FOR ROBUST AND RELIABLE PREDICTION OF SHORT- AND LONG-TERM CLINICAL RESPONSE IN INITIALLY ANTIPSYCHOTIC-NAÃ¯VE SCHIZOPHRENIA PATIENTS BASED ON MULTIMODAL NEUROPSYCHIATRIC DATA. Schizophrenia Bulletin, 2020, 46, S34-S35.	2.3	0
26	Baseline measures of cerebral glutamate and GABA levels in individuals at ultrahigh risk for psychosis: Implications for clinical outcome after 12Âmonths. European Psychiatry, 2020, 63, e83.	0.1	7
27	Processing of Positive Visual Stimuli Before and After Symptoms Provocation in Posttraumatic Stress Disorder â€“ A Functional Magnetic Resonance Imaging Study of Trauma-Affected Male Refugees. Chronic Stress, 2020, 4, 247054702091762.	1.7	4
28	O9.5. NORMALIZATION OF DISTURBANCES IN PREDICTION ERROR IS RELATED TO TREATMENT RESPONSE AND RELATED TO THALAMIC GLUTAMATE LEVELS IN NON-RESPONDERS. Schizophrenia Bulletin, 2020, 46, S22-S23.	2.3	0
29	O6.3. ASSOCIATIONS BETWEEN COGNITIVE FUNCTION AND CORTICAL LEVELS OF GLUTAMATE AND GABA IN ANTIPSYCHOTIC-NAÃ¯VE PATIENTS WITH SCHIZOPHRENIA OR PSYCHOSIS. Schizophrenia Bulletin, 2020, 46, S14-S14.	2.3	0
30	Tadalafil may improve cerebral perfusion in small-vessel occlusion strokeâ€”a pilot study. Brain Communications, 2020, 2, fcaa020.	1.5	11
31	A machine-learning framework for robust and reliable prediction of short- and long-term treatment response in initially antipsychotic-naÃ¯ve schizophrenia patients based on multimodal neuropsychiatric data. Translational Psychiatry, 2020, 10, 276.	2.4	24
32	Striatal Volume Increase After Six Weeks of Selective Dopamine D2/3 Receptor Blockade in First-Episode, Antipsychotic-NaÃ¯ve Schizophrenia Patients. Frontiers in Neuroscience, 2020, 14, 484.	1.4	15
33	Associations of neural processing of reward with posttraumatic stress disorder and secondary psychotic symptoms in trauma-affected refugees. HÃ¶gre Utbildning, 2020, 11, 1730091.	1.4	9
34	Discovering correlates of age-related decline in a healthy late-midlife male birth cohort. Aging, 2020, 12, 16709-16743.	1.4	2
35	Cortical structures and their clinical correlates in antipsychotic-naÃ¯ve schizophrenia patients before and after 6 weeks of dopamine D_{2/3} receptor antagonist treatment. Psychological Medicine, 2019, 49, 754-763.	2.7	19
36	Effect of Home-Based High-Intensity Interval Training in Patients With Lacunar Stroke: A Randomized Controlled Trial. Frontiers in Neurology, 2019, 10, 664.	1.1	34

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37	T88. THE IMPACT OF AGE OF ONSET AND ILLNESS DURATION ON WHITE MATTER AND COGNITION TRAJECTORIES IN SCHIZOPHRENIA: A 7-YEAR FOLLOW-UP STUDY ACROSS MULTIPLE TIME-POINTS. Schizophrenia Bulletin, 2019, 45, S237-S238.	2.3	0
38	S15. HERITABILITY AND CORRELATION TO SCHIZOPHRENIA SPECTRUM DISORDERS OF CEREBRAL BLOOD FLOW MEASURED BY PSEUDO-CONTINUOUS ARTERIAL SPIN LABELING IN DANISH TWINS. Schizophrenia Bulletin, 2019, 45, S311-S311.	2.3	0
39	O7.4. ASSOCIATIONS BETWEEN DOPAMINE SYNTHESIS CAPACITY, GLUTAMATE AND GABA LEVELS IN ANTIPSYCHOTIC-NAÃ¯VE PATIENTS WITH FIRST EPISODE PSYCHOSIS. Schizophrenia Bulletin, 2019, 45, S180-S181.	2.3	0
40	O8.1. ASSOCIATIONS BETWEEN REWARD ALTERATIONS AND THALAMIC GLUTAMATE LEVELS IN ANTIPSYCHOTIC-NAÃ¯VE FIRST-EPISODE PATIENTS WITH PSYCHOSES. Schizophrenia Bulletin, 2019, 45, S183-S183.	2.3	0
41	Brain Responses to Passive Sensory Stimulation Correlate With Intelligence. Frontiers in Aging Neuroscience, 2019, 11, 201.	1.7	1
42	Neurostereologic Lesion Volumes and Spreading Depolarizations in Severe Traumatic Brain Injury Patients: A Pilot Study. Neurocritical Care, 2019, 30, 557-568.	1.2	9
43	Home-based aerobic exercise in patients with lacunar stroke: Design of the HITPALS randomized controlled trial. Contemporary Clinical Trials Communications, 2019, 14, 100332.	0.5	8
44	Heritability of Cerebral Blood Flow and the Correlation to Schizophrenia Spectrum Disorders: A Pseudo-continuous Arterial Spin Labeling Twin Study. Schizophrenia Bulletin, 2019, 45, 1231-1241.	2.3	16
45	Phase contrast mapping MRI measurements of global cerebral blood flow across different perfusion states â€“ A direct comparison with ¹⁵O-H₂O positron emission tomography using a hybrid PET/MR system. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 2368-2378.	2.4	17
46	Accuracy of diagnostic classification algorithms using cognitive-, electrophysiological-, and neuroanatomical data in antipsychotic-naÃ¯ve schizophrenia patients. Psychological Medicine, 2019, 49, 2754-2763.	2.7	20
47	Early focal brain injury after subarachnoid hemorrhage correlates with spreading depolarizations. Neurology, 2019, 92, e326-e341.	1.5	40
48	Heritability of cerebral glutamate levels and their association with schizophrenia spectrum disorders: a 1[H]-spectroscopy twin study. Neuropsychopharmacology, 2019, 44, 581-589.	2.8	28
49	The impact of schizophrenia and intelligence on the relationship between age and brain volume. Schizophrenia Research: Cognition, 2019, 15, 1-6.	0.7	8
50	Patterns of Cortical Structures and Cognition in Antipsychotic-NaÃ¯ve Patients With First-Episode Schizophrenia: A Partial Least Squares Correlation Analysis. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 444-453.	1.1	12
51	Abstract WP191: Short-term Follow-up After Early Home-based High-intensity Interval Training in Stroke. Stroke, 2019, 50, .	1.0	1
52	Discovering markers of healthy aging: a prospective study in a Danish male birth cohort. Aging, 2019, 11, 5943-5974.	1.4	11
53	Multiple measures of HPA axis function in ultra high risk and first-episode schizophrenia patients. Psychoneuroendocrinology, 2018, 92, 72-80.	1.3	26
54	Subclinical depressive symptoms during late midlife and structural brain alterations: A longitudinal study of Danish men born in 1953. Human Brain Mapping, 2018, 39, 1789-1795.	1.9	7

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55	Non-pharmacological modulation of cerebral white matter organization: A systematic review of non-psychiatric and psychiatric studies. Neuroscience and Biobehavioral Reviews, 2018, 88, 84-97.	2.9	13
56	Variability of physiological brain perfusion in healthy subjects â€“ A systematic review of modifiers. Considerations for multi-center ASL studies. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1418-1437.	2.4	84
57	Altered thalamic connectivity during spontaneous attacks of migraine without aura: A resting-state fMRI study. Cephalalgia, 2018, 38, 1237-1244.	1.8	71
58	Quantitative and qualitative MRI evaluation of cerebral small vessel disease in an elderly population: a longitudinal study. Acta Radiologica, 2018, 59, 612-618.	0.5	30
59	EEG correlates of visual short-term memory in older age vary with adult lifespan cognitive development. Neurobiology of Aging, 2018, 62, 210-220.	1.5	14
60	Negative Symptoms and Reward Disturbances in Schizophrenia Before and After Antipsychotic Monotherapy. Clinical EEG and Neuroscience, 2018, 49, 36-45.	0.9	24
61	Impaired cerebrovascular reactivity in obstructive sleep apnea: a case-control study. Sleep Medicine, 2018, 43, 7-13.	0.8	23
62	White matter maturation during 12 months in individuals at ultraâ€highâ€risk for psychosis. Acta Psychiatrica Scandinavica, 2018, 137, 65-78.	2.2	23
63	O3.3. REWARD PROCESSING AS A VULNERABILITY INDICATOR FOR PSYCHOSIS: RESULTS FROM A TWIN STUDY. Schizophrenia Bulletin, 2018, 44, S80-S80.	2.3	0
64	O4.2. HERITABILITY AND CORRELATION TO SCHIZOPHRENIA SPECTRUM DISORDER OF GLUTAMATE AND OTHER NEUROMETABOLITE LEVELS IN ANTERIOR CINGULATE AND LEFT THALAMUS: A REGISTER BASED MAGNETIC RESONANCE TWIN STUDY. Schizophrenia Bulletin, 2018, 44, S83-S83.	2.3	0
65	T16. GLUTAMATERGIC CHANGES IN UHR. Schizophrenia Bulletin, 2018, 44, S119-S119.	2.3	0
66	F176. CLINICAL CORRELATES OF CORTICAL STRUCTURE IN ANTIPSYCHOTIC-NAÃ¯VE SCHIZOPHRENIA PATIENTS BEFORE AND AFTER SIX-WEEK TREATMENT WITH A DOPAMINE D2/3 RECEPTOR ANTAGONIST. Schizophrenia Bulletin, 2018, 44, S289-S289.	2.3	0
67	S158. REWARD ALTERATIONS IN ANTIPSYCHOTIC NAÃ¯VE FIRST-EPISODE-PSYCHOSIS PATIENTS BEFORE AND AFTER TREATMENT WITH A PARTIAL DOPAMINE AGONIST. Schizophrenia Bulletin, 2018, 44, S387-S387.	2.3	0
68	F16. GLUTAMATE AND GABA LEVELS IN ANTIPSYCHOTIC-NAÃ¯VE SCHIZOPHRENIA PATIENTS ARE ASSOCIATED WITH TREATMENT OUTCOME AFTER 1.5 AND 6 MONTHS. Schizophrenia Bulletin, 2018, 44, S224-S225.	2.3	0
69	S150. DOPAMINE SYNTHESIS CAPACITY IN ANTIPSYCHOTIC NAÃ¯VE FIRST EPISODE PSYCHOTIC PATIENTS. Schizophrenia Bulletin, 2018, 44, S383-S384.	2.3	0
70	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. Journal of Cardiothoracic Surgery, 2018, 13, 53.	0.4	25
71	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. Frontiers in Psychiatry, 2018, 9, 22.	1.3	24
72	Alterations of Intrinsic Connectivity Networks in Antipsychotic-NaÃ¯ve First-Episode Schizophrenia. Schizophrenia Bulletin, 2018, 44, 1332-1340.	2.3	20

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73	Induction of migraine-like headache, but not aura, by cilostazol in patients with migraine with aura. Brain, 2018, 141, 2943-2951.	3.7	19
74	Response to initial antipsychotic treatment in first episode psychosis is related to anterior cingulate glutamate levels: a multicentre 1H-MRS study (OPTiMiSE). Molecular Psychiatry, 2018, 23, 2145-2155.	4.1	113
75	Altered somatosensory neurovascular response in patients with Becker muscular dystrophy. Brain and Behavior, 2018, 8, e00985.	1.0	1
76	Sleep deprivation disrupts striatal anti-apoptotic responses in 6-hydroxy dopamine-lesioned parkinsonian rats. Iranian Journal of Basic Medical Sciences, 2018, 21, 1289-1296.	1.0	3
77	Recording, analysis, and interpretation of spreading depolarizations in neurointensive care: Review and recommendations of the COSBID research group. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 1595-1625.	2.4	255
78	Increased intrinsic brain connectivity between pons and somatosensory cortex during attacks of migraine with aura. Human Brain Mapping, 2017, 38, 2635-2642.	1.9	59
79	Patterns of white matter microstructure in individuals at ultra-high-risk for psychosis: associations to level of functioning and clinical symptoms. Psychological Medicine, 2017, 47, 2689-2707.	2.7	32
80	Perfusion by Arterial Spin labelling following Single dose Tadalafil In Small vessel disease (PASTIS): study protocol for a randomised controlled trial. Trials, 2017, 18, 229.	0.7	17
81	Extrastriatal dopamine D2/3 receptors and cortical grey matter volumes in antipsychotic-naÃ¯ve schizophrenia patients before and after initial antipsychotic treatment. World Journal of Biological Psychiatry, 2017, 18, 539-549.	1.3	4
82	Effects of Sildenafil on Cerebrovascular Reactivity in Patients with Becker Muscular Dystrophy. Neurotherapeutics, 2017, 14, 182-190.	2.1	14
83	The relation between negative symptoms and reward alterations before and after antipsychotic treatment in first episode patients with schizophrenia. European Neuropsychopharmacology, 2017, 27, S973-S974.	0.3	0
84	87. Glutamate and GABA in Antipsychotic-Naive Schizophrenia and Association With Treatment Outcome. Schizophrenia Bulletin, 2017, 43, S48-S48.	2.3	1
85	84. Neurometabolite Heritability and Correlation With Schizophrenia in Anterior Cingulate and Left Thalamus: An MRS Twin Study. Schizophrenia Bulletin, 2017, 43, S47-S47.	2.3	0
86	M80. Global Micro-Structural White Matter Alterations in the First-Episode Antipsychotic-Naive Schizophrenia Patients After 6 Weeks of Selective D2/3 Receptor Blockade. Schizophrenia Bulletin, 2017, 43, S239-S240.	2.3	0
87	SA81. Glutamatergic and GABAergic Disturbances in Individuals at Ultra-High Risk of Psychosis: Implications for Clinical and Functional Outcome. Schizophrenia Bulletin, 2017, 43, S142-S142.	2.3	0
88	SA87. Cortical Thickness in Antipsychotic-Naive First-Episode Schizophrenia Patients and Associations With Caudate D2/3 Binding Potentials.. Schizophrenia Bulletin, 2017, 43, S144-S144.	2.3	0
89	SA90. Nonpharmacological Modulation of Cerebral White Matter Organization: AÂSystematic Review. Schizophrenia Bulletin, 2017, 43, S145-S145.	2.3	0
90	SA37. Cognition and White Matter Integrity in Antipsychotic-Naive First-Episode Schizophrenia Patients. Schizophrenia Bulletin, 2017, 43, S126-S127.	2.3	0

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91	Sub-Clinical Cognitive Decline and Resting Cerebral Blood Flow in Middle Aged Men. PLoS ONE, 2017, 12, e0169912.	1.1	7
92	Early detection of Alzheimer's disease using M<scp>RI</scp> hippocampal texture. Human Brain Mapping, 2016, 37, 1148-1161.	1.9	165
93	Striatal Reward Activity and Antipsychotic-Associated Weight Change in Patients With Schizophrenia Undergoing Initial Treatment. JAMA Psychiatry, 2016, 73, 121.	6.0	68
94	Change in brain network connectivity during PACAP38-induced migraine attacks. Neurology, 2016, 86, 180-187.	1.5	86
95	Frontal D2/3Receptor Availability in Schizophrenia Patients Before and After Their First Antipsychotic Treatment: Relation to Cognitive Functions and Psychopathology. International Journal of Neuropsychopharmacology, 2016, 19, pyw006.	1.0	17
96	Frontal fasciculi and psychotic symptoms in antipsychotic-naive patients with schizophrenia before and after 6 weeks of selective dopamine D2/3 receptor blockade. Journal of Psychiatry and Neuroscience, 2016, 41, 133-141.	1.4	44
97	Influence of early life characteristics on psychiatric admissions and impact of psychiatric disease on inflammatory biomarkers and survival: a <scp>D</scp>anish cohort study. World Psychiatry, 2015, 14, 364-365.	4.8	7
98	Longitudinal Magnetic Resonance Imaging (MRI) Analysis of the Developmental Changes of Tourette Syndrome Reveal Reduced Diffusion in the Cortico-Striato-Thalamo-Cortical Pathways. Journal of Child Neurology, 2015, 30, 1315-1326.	0.7	27
99	Striatal D_{2/3}Binding Potential Values in Drug-NaÃ¯ve First-Episode Schizophrenia Patients Correlate With Treatment Outcome. Schizophrenia Bulletin, 2015, 41, 1143-1152.	2.3	34
100	No abnormalities of intrinsic brain connectivity in the interictal phase of migraine with aura. European Journal of Neurology, 2015, 22, 702.	1.7	37
101	Cerebral Asymmetry of fMRI-BOLD Responses to Visual Stimulation. PLoS ONE, 2015, 10, e0126477.	1.1	23
102	Glycopyrrolate does not influence the visual or motor-induced increase in regional cerebral perfusion. Frontiers in Physiology, 2014, 5, 45.	1.3	5
103	Treatment of antipsychotic-associated obesity with a GLP-1 receptor agonistâ€"protocol for an investigator-initiated prospective, randomised, placebo-controlled, double-blinded intervention study: the TAO study protocol. BMJ Open, 2014, 4, e004158.	0.8	20
104	Study of medicationâ€free children with Tourette syndrome do not show imaging abnormalities. Movement Disorders, 2014, 29, 1212-1216.	2.2	17
105	Concurrent functional magnetic resonance imaging and electroencephalography assessment of sensory gating in schizophrenia. Human Brain Mapping, 2014, 35, 3578-3587.	1.9	36
106	Relationship between cardiac function and resting cerebral blood flow: <scp>MRI</scp> measurements in healthy elderly subjects. Clinical Physiology and Functional Imaging, 2014, 34, 471-477.	0.5	13
107	Subclinical cognitive decline in middleâ€age is associated with reduced taskâ€induced deactivation of the brain's default mode network. Human Brain Mapping, 2014, 35, 4488-4498.	1.9	51
108	Interhemispheric differences of fMRI responses to visual stimuli in patients with sideâ€fixed migraine aura. Human Brain Mapping, 2014, 35, 2714-2723.	1.9	57

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109	The effect of exercise on hippocampal volume and neurotrophines in patients with major depressionâ€“A randomized clinical trial. Journal of Affective Disorders, 2014, 165, 24-30.	2.0	91
110	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. Neuroradiology, 2014, 56, 1031-1038.	1.1	54
111	Poster #T170 COULD REWARD-DISTURBANCES CAUSED BY ANTIPSYCHOTIC MEDICATION LEAD TO WEIGHT GAIN?. Schizophrenia Research, 2014, 153, S349-S350.	1.1	0
112	Abnormal bloodâ€“brain barrier permeability in normal appearing white matter in multiple sclerosis investigated by MRI. NeuroImage: Clinical, 2014, 4, 182-189.	1.4	180
113	P1-285: WHITE MATTER HYPOINTENSITY GROWTH RATE CORRELATES WITH RATE OF BRAIN ATROPHY. , 2014, 10, P414-P414.		1
114	IC-P-131: WHITE MATTER HYPOINTENSITY GROWTH RATE CORRELATES WITH RATE OF BRAIN ATROPHY. , 2014, 10, P75-P76.		1
115	IC-01-05: REGIONAL CEREBRAL BLOOD FLOW PATTERN ASSOCIATED WITH SUBCLINICAL COGNITIVE DECLINE AND VASCULAR RISK FACTORS IN HEALTHY, MIDDLE-AGED MALES. , 2014, 10, P3-P3.		0
116	O1-02-05: VALIDATION OF HIPPOCAMPAL TEXTURE FOR EARLY ALZHEIMER'S DISEASE DETECTION: GENERALIZATION TO INDEPENDENT COHORTS AND EXTRAPOLATION TO VERY EARLY SIGNS OF DEMENTIA. , 2014, 10, P133-P133.		1
117	IC-P-070: VALIDATION OF HIPPOCAMPAL TEXTURE FOR EARLY ALZHEIMER'S DISEASE DETECTION: GENERALIZATION TO INDEPENDENT COHORTS AND EXTRAPOLATION TO VERY EARLY SIGNS OF DEMENTIA. , 2014, 10, P39-P39.		0
118	Resting Brain Perfusion and Selected Vascular Risk Factors in Healthy Elderly Subjects. PLoS ONE, 2014, 9, e97363.	1.1	22
119	Recommendations to improve imaging and analysis of brain lesion load and atrophy in longitudinal studies of multiple sclerosis. Journal of Neurology, 2013, 260, 2458-2471.	1.8	96
120	Measurement of brain oxygenation changes using dynamic T1-weighted imaging. NeuroImage, 2013, 78, 7-15.	2.1	23
121	Sources of Variability of Resting Cerebral Blood Flow in Healthy Subjects: A Study Using¹³³Xe SPECT Measurements. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 787-792.	2.4	31
122	Visual processing speed in old age. Scandinavian Journal of Psychology, 2013, 54, 89-94.	0.8	48
123	Improvement of Brain Reward Abnormalities by Antipsychotic Monotherapy in Schizophrenia. Archives of General Psychiatry, 2012, 69, 1195.	13.8	137
124	Poster #121 ALTERATIONS IN THE REWARD PROCESSING RELATED TO DOPAMINE D2/D3 BINDING POTENTIAL IN ANTIPSYCHOTIC NAIVE SCHIZOPHRENIA PATIENTS. Schizophrenia Research, 2012, 136, S324.	1.1	0
125	Alterations of the Brain Reward System in Antipsychotic NaÃ¯ve Schizophrenia Patients. Biological Psychiatry, 2012, 71, 898-905.	0.7	197
126	The spatial distribution of age-related white matter changes as a function of vascular risk factorsâ€”Results from the LADIS study. NeuroImage, 2012, 60, 1597-1607.	2.1	85

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127	Glucagon-like peptide-1 analogs against antipsychotic-induced weight gain: potential physiological benefits. BMC Medicine, 2012, 10, 92.	2.3	24
128	Estimation of intersubject variability of cerebral blood flow measurements using MRI and positron emission tomography. Journal of Magnetic Resonance Imaging, 2012, 35, 1290-1299.	1.9	67
129	Correlation between singleâ€trial visual evoked potentials and the blood oxygenation level dependent response in simultaneously recorded electroencephalographyâ€“functional magnetic resonance imaging. Magnetic Resonance in Medicine, 2012, 68, 252-260.	1.9	14
130	Source localization of sensory gating: A combined EEG and fMRI study in healthy volunteers. NeuroImage, 2011, 54, 2711-2718.	2.1	57
131	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
132	Corpus Callosum Atrophy in Patients with Mild Alzheimerâ€™s Disease. Neurodegenerative Diseases, 2011, 8, 476-482.	0.8	44
133	Cerebral Blood Flow Response to Functional Activation. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 2-14.	2.4	214
134	Diffusion-Weighted Imaging and Cognition in the Leukoariosis and Disability in the Elderly Study. Stroke, 2010, 41, e402-8.	1.0	82
135	SOURCE LOCALIZATION OF SENSORY GATING: A COMBINED EEG AND fRMI STUDY IN HEALTHY VOLUNTEERS. Schizophrenia Research, 2010, 117, 483-484.	1.1	0
136	Partial volume effect (PVE) on the arterial input function (AIF) in T₁â€weighted perfusion imaging and limitations of the multiplicative rescaling approach. Magnetic Resonance in Medicine, 2009, 62, 1055-1059.	1.9	42
137	Measurement of brain perfusion, blood volume, and bloodâ€brain barrier permeability, using dynamic contrastâ€enhanced T₁â€weighted MRI at 3 tesla. Magnetic Resonance in Medicine, 2009, 62, 1270-1281.	1.9	185
138	Cerebral Haemodynamic Response or Excitability is not Affected by Sildenafil. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 830-839.	2.4	29
139	Long-term global and regional brain volume changes following severe traumatic brain injury: A longitudinal study with clinical correlates. NeuroImage, 2009, 44, 1-8.	2.1	195
140	Dynamic contrastâ€enhanced quantitative perfusion measurement of the brain using T₁â€weighted MRI at 3T. Journal of Magnetic Resonance Imaging, 2008, 27, 754-762.	1.9	71
141	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
142	Segmentation of age-related white matter changes in a clinical multi-center study. NeuroImage, 2008, 41, 335-345.	2.1	51
143	Accelerated cerebral white matter development in preterm infants: A voxel-based morphometry study with diffusion tensor MR imaging. NeuroImage, 2008, 41, 728-734.	2.1	83
144	Acute MRI Changes in Progressive Ischemic Stroke. European Neurology, 2008, 59, 229-236.	0.6	15

#	Article	IF	Citations
145	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
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