

# Baxter P Rogers

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,874  
citations

279798

23  
h-index

302126

39  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2784  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influences of dopaminergic system dysfunction on late-life depression. <i>Molecular Psychiatry</i> , 2022, 27, 180-191.	7.9	28
2	Development of Thalamocortical Structural Connectivity in Typically Developing and Psychosis Spectrum Youths. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 782-792.	1.5	8
3	TractEM: Evaluation of protocols for deterministic tractography white matter atlas. <i>Magnetic Resonance Imaging</i> , 2022, 85, 44-56.	1.8	1
4	Characterization of resting functional MRI activity alterations across epileptic foci and networks. <i>Cerebral Cortex</i> , 2022, 32, 5555-5568.	2.9	5
5	Relaxation-Compensated Chemical Exchange Saturation Transfer MRI in the Brain at 7T: Application in Relapsing-Remitting Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2022, 13, 764690.	2.4	3
6	Presurgical temporal lobe epilepsy connectome fingerprint for seizure outcome prediction. <i>Brain Communications</i> , 2022, 4, .	3.3	16
7	Empirical field mapping for gradient nonlinearity correction of multi-site diffusion weighted MRI. <i>Magnetic Resonance Imaging</i> , 2021, 76, 69-78.	1.8	10
8	MRI network progression in mesial temporal lobe epilepsy related to healthy brain architecture. <i>Network Neuroscience</i> , 2021, 5, 434-450.	2.6	9
9	Inhalable Thioflavin S for the Detection of Amyloid Beta Deposits in the Retina. <i>Molecules</i> , 2021, 26, 835.	3.8	9
10	PreQual: An automated pipeline for integrated preprocessing and quality assurance of diffusion weighted MRI images. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 456-470.	3.0	43
11	Resting-state hippocampal networks related to language processing reveal unique patterns in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2021, 117, 107834.	1.7	2
12	Interindividual Signatures of fMRI Temporal Fluctuations. <i>Cerebral Cortex</i> , 2021, 31, 4450-4463.	2.9	4
13	Insula sub-regions across the psychosis spectrum: morphology and clinical correlates. <i>Translational Psychiatry</i> , 2021, 11, 346.	4.8	26
14	Mapping gradient nonlinearity and miscalibration using diffusion-weighted MR images of a uniform isotropic phantom. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 3259-3273.	3.0	8
15	Characterizing effects of age, sex and psychosis symptoms on thalamocortical functional connectivity in youth. <i>NeuroImage</i> , 2021, 243, 118562.	4.2	12
16	Characterization of postsurgical functional connectivity changes in temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2020, 133, 392-402.	1.6	25
17	Resting-State SEEG May Help Localize Epileptogenic Brain Regions. <i>Neurosurgery</i> , 2020, 86, 792-801.	1.1	30
18	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. <i>PLoS ONE</i> , 2020, 15, e0236418.	2.5	60

#	ARTICLE	IF	CITATIONS
19	The Association Between Brain Volumes and Posttraumatic Stress Disorder in Intensive Care Unit Survivors: A Preliminary Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 690.	2.8	0
20	Thalamic Nuclei Volumes in Psychotic Disorders and in Youths With Psychosis Spectrum Symptoms. <i>American Journal of Psychiatry</i> , 2020, 177, 1159-1167.	7.2	31
21	4417 Association between Brain Volumes and Posttraumatic Stress Disorder in Intensive Care Unit Survivors. <i>Journal of Clinical and Translational Science</i> , 2020, 4, 22-22.	0.6	0
22	Temporal lobe epilepsy alters spatio-temporal dynamics of the hippocampal functional network. <i>NeuroImage: Clinical</i> , 2020, 26, 102254.	2.7	17
23	Thalamocortical Anatomical Connectivity in Schizophrenia and Psychotic Bipolar Disorder. <i>Schizophrenia Bulletin</i> , 2020, 46, 1062-1071.	4.3	34
24	Insula functional connectivity in schizophrenia. <i>Schizophrenia Research</i> , 2020, 220, 69-77.	2.0	35
25	Functional connectivity of white matter as a biomarker of cognitive decline in Alzheimer's disease. <i>PLoS ONE</i> , 2020, 15, e0240513.	2.5	33
26	Divergent network properties that predict early surgical failure versus late recurrence in temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2020, 132, 1324-1333.	1.6	17
27	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0
28	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0
29	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0
30	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0
31	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0
32	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0
33	Functional MRI and resting state connectivity in white matter - a mini-review. <i>Magnetic Resonance Imaging</i> , 2019, 63, 1-11.	1.8	104
34	7T quantitative magnetization transfer (qMT) of cortical gray matter in multiple sclerosis correlates with cognitive impairment. <i>NeuroImage</i> , 2019, 203, 116190.	4.2	15
35	Synthesized b0 for diffusion distortion correction (Synb0-DisCo). <i>Magnetic Resonance Imaging</i> , 2019, 64, 62-70.	1.8	87
36	Characterization and correlation of signal drift in diffusion weighted MRI. <i>Magnetic Resonance Imaging</i> , 2019, 57, 133-142.	1.8	6

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37	Consideration of cerebrospinal fluid intensity variation in diffusion weighted MRI. , 2019, 10948, .		0
38	Harmonizing 1.5T/3T diffusion weighted MRI through development of deep learning stabilized microarchitecture estimators. , 2019, 10949, .		5
39	Hippocampal Network Modularity Is Associated With Relational Memory Dysfunction in Schizophrenia. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 423-432.	1.5	23
40	Multiple sclerosis lesions affect intrinsic functional connectivity of the spinal cord. Brain, 2018, 141, 1650-1664.	7.6	44
41	Detection of synchronous brain activity in white matter tracts at rest and under functional loading. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 595-600.	7.1	170
42	Prefrontal-Thalamic Anatomical Connectivity and Executive Cognitive Function in Schizophrenia. Biological Psychiatry, 2018, 83, 509-517.	1.3	145
43	Magnetic resonance imaging connectivity for the prediction of seizure outcome in temporal lobe epilepsy. Epilepsia, 2017, 58, 1251-1260.	5.1	62
44	The Impact of Alzheimer's Disease on the Resting State Functional Connectivity of Brain Regions Modulating Pain: A Cross Sectional Study. Journal of Alzheimer's Disease, 2017, 57, 71-83.	2.6	35
45	Reference tissue normalization in longitudinal 18F-florbetapir positron emission tomography of late mild cognitive impairment. Alzheimer's Research and Therapy, 2016, 8, 2.	6.2	37
46	Increased MRI volumetric correlation contralateral to seizure focus in temporal lobe epilepsy. Epilepsy Research, 2016, 126, 53-61.	1.6	2
47	Reproducibility of resting state spinal cord networks in healthy volunteers at 7 Tesla. NeuroImage, 2016, 133, 31-40.	4.2	62
48	Vanderbilt University Institute of Imaging Science Center for Computational Imaging XNAT: A multimodal data archive and processing environment. NeuroImage, 2016, 124, 1097-1101.	4.2	38
49	Segmentation of the thalamus based on <scp>BOLD</scp> frequencies affected in temporal lobe epilepsy. Epilepsia, 2015, 56, 1819-1827.	5.1	24
50	Analyzing the association between functional connectivity of the brain and intellectual performance. Frontiers in Human Neuroscience, 2015, 9, 61.	2.0	69
51	Increasing structural atrophy and functional isolation of the temporal lobe with duration of disease in temporal lobe epilepsy. Epilepsy Research, 2015, 110, 171-178.	1.6	24
52	Effects of acute tryptophan depletion on raphé functional connectivity in depression. Psychiatry Research - Neuroimaging, 2015, 234, 164-171.	1.8	17
53	Measuring relative timings of brain activities using fMRI. NeuroImage, 2013, 66, 436-448.	4.2	31
54	Systematic Error in Hippocampal Volume Asymmetry Measurement is Minimal with a Manual Segmentation Protocol. Frontiers in Neuroscience, 2012, 6, 179.	2.8	17

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55	Assessing functional connectivity in the human brain by fMRI. Magnetic Resonance Imaging, 2007, 25, 1347-1357.	1.8	379