

# Baxter P Rogers

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,874  
citations

279701

23  
h-index

302012

39  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2784  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing functional connectivity in the human brain by fMRI. <i>Magnetic Resonance Imaging</i> , 2007, 25, 1347-1357.	1.0	379
2	Detection of synchronous brain activity in white matter tracts at rest and under functional loading. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 595-600.	3.3	170
3	Prefrontal-Thalamic Anatomical Connectivity and Executive Cognitive Function in Schizophrenia. <i>Biological Psychiatry</i> , 2018, 83, 509-517.	0.7	145
4	Functional MRI and resting state connectivity in white matter - a mini-review. <i>Magnetic Resonance Imaging</i> , 2019, 63, 1-11.	1.0	104
5	Synthesized b0 for diffusion distortion correction (Synb0-DisCo). <i>Magnetic Resonance Imaging</i> , 2019, 64, 62-70.	1.0	87
6	Analyzing the association between functional connectivity of the brain and intellectual performance. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 61.	1.0	69
7	Reproducibility of resting state spinal cord networks in healthy volunteers at 7 Tesla. <i>NeuroImage</i> , 2016, 133, 31-40.	2.1	62
8	Magnetic resonance imaging connectivity for the prediction of seizure outcome in temporal lobe epilepsy. <i>Epilepsia</i> , 2017, 58, 1251-1260.	2.6	62
9	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. <i>PLoS ONE</i> , 2020, 15, e0236418.	1.1	60
10	Multiple sclerosis lesions affect intrinsic functional connectivity of the spinal cord. <i>Brain</i> , 2018, 141, 1650-1664.	3.7	44
11	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.	1.9	43
12	Vanderbilt University Institute of Imaging Science Center for Computational Imaging XNAT: A multimodal data archive and processing environment. <i>NeuroImage</i> , 2016, 124, 1097-1101.	2.1	38
13	Reference tissue normalization in longitudinal 18F-florbetapir positron emission tomography of late mild cognitive impairment. <i>Alzheimer's Research and Therapy</i> , 2016, 8, 2.	3.0	37
14	The Impact of Alzheimer's Disease on the Resting State Functional Connectivity of Brain Regions Modulating Pain: A Cross Sectional Study. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 71-83.	1.2	35
15	Insula functional connectivity in schizophrenia. <i>Schizophrenia Research</i> , 2020, 220, 69-77.	1.1	35
16	Thalamocortical Anatomical Connectivity in Schizophrenia and Psychotic Bipolar Disorder. <i>Schizophrenia Bulletin</i> , 2020, 46, 1062-1071.	2.3	34
17	Functional connectivity of white matter as a biomarker of cognitive decline in Alzheimer's disease. <i>PLoS ONE</i> , 2020, 15, e0240513.	1.1	33
18	Measuring relative timings of brain activities using fMRI. <i>NeuroImage</i> , 2013, 66, 436-448.	2.1	31

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19	Thalamic Nuclei Volumes in Psychotic Disorders and in Youths With Psychosis Spectrum Symptoms. <i>American Journal of Psychiatry</i> , 2020, 177, 1159-1167.	4.0	31
20	Resting-State SEEG May Help Localize Epileptogenic Brain Regions. <i>Neurosurgery</i> , 2020, 86, 792-801.	0.6	30
21	Influences of dopaminergic system dysfunction on late-life depression. <i>Molecular Psychiatry</i> , 2022, 27, 180-191.	4.1	28
22	Insula sub-regions across the psychosis spectrum: morphology and clinical correlates. <i>Translational Psychiatry</i> , 2021, 11, 346.	2.4	26
23	Characterization of postsurgical functional connectivity changes in temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2020, 133, 392-402.	0.9	25
24	Segmentation of the thalamus based on <sc>BOLD</sc> frequencies affected in temporal lobe epilepsy. <i>Epilepsia</i> , 2015, 56, 1819-1827.	2.6	24
25	Increasing structural atrophy and functional isolation of the temporal lobe with duration of disease in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2015, 110, 171-178.	0.8	24
26	Hippocampal Network Modularity Is Associated With Relational Memory Dysfunction in Schizophrenia. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 423-432.	1.1	23
27	Systematic Error in Hippocampal Volume Asymmetry Measurement is Minimal with a Manual Segmentation Protocol. <i>Frontiers in Neuroscience</i> , 2012, 6, 179.	1.4	17
28	Effects of acute tryptophan depletion on raphé functional connectivity in depression. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 164-171.	0.9	17
29	Temporal lobe epilepsy alters spatio-temporal dynamics of the hippocampal functional network. <i>NeuroImage: Clinical</i> , 2020, 26, 102254.	1.4	17
30	Divergent network properties that predict early surgical failure versus late recurrence in temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2020, 132, 1324-1333.	0.9	17
31	Presurgical temporal lobe epilepsy connectome fingerprint for seizure outcome prediction. <i>Brain Communications</i> , 2022, 4, .	1.5	16
32	7T quantitative magnetization transfer (qMT) of cortical gray matter in multiple sclerosis correlates with cognitive impairment. <i>NeuroImage</i> , 2019, 203, 116190.	2.1	15
33	Characterizing effects of age, sex and psychosis symptoms on thalamocortical functional connectivity in youth. <i>NeuroImage</i> , 2021, 243, 118562.	2.1	12
34	Empirical field mapping for gradient nonlinearity correction of multi-site diffusion weighted MRI. <i>Magnetic Resonance Imaging</i> , 2021, 76, 69-78.	1.0	10
35	MRI network progression in mesial temporal lobe epilepsy related to healthy brain architecture. <i>Network Neuroscience</i> , 2021, 5, 434-450.	1.4	9
36	Inhalable Thioflavin S for the Detection of Amyloid Beta Deposits in the Retina. <i>Molecules</i> , 2021, 26, 835.	1.7	9

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37	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.	1.9	8
38	Development of Thalamocortical Structural Connectivity in Typically Developing and Psychosis Spectrum Youths. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 782-792.	1.1	8
39	Characterization and correlation of signal drift in diffusion weighted MRI. <i>Magnetic Resonance Imaging</i> , 2019, 57, 133-142.	1.0	6
40	Harmonizing 1.5T/3T diffusion weighted MRI through development of deep learning stabilized microarchitecture estimators. , 2019, 10949, .		5
41	Characterization of resting functional MRI activity alterations across epileptic foci and networks. <i>Cerebral Cortex</i> , 2022, 32, 5555-5568.	1.6	5
42	Interindividual Signatures of fMRI Temporal Fluctuations. <i>Cerebral Cortex</i> , 2021, 31, 4450-4463.	1.6	4
43	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.	1.1	3
44	Increased MRI volumetric correlation contralateral to seizure focus in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2016, 126, 53-61.	0.8	2
45	Resting-state hippocampal networks related to language processing reveal unique patterns in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2021, 117, 107834.	0.9	2
46	TractEM: Evaluation of protocols for deterministic tractography white matter atlas. <i>Magnetic Resonance Imaging</i> , 2022, 85, 44-56.	1.0	1
47	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.	1.4	0
48	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.	0.3	0
49	Consideration of cerebrospinal fluid intensity variation in diffusion weighted MRI. , 2019, 10948, .		0
50	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0
51	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0
52	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0
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