Ravichandran Rajkumar

List of Publications by Year
in descending order

15	198	1307594 7	1125743 13
papers	citations	h-index	g-index

18	18	18	289
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Connectivity Patterns in the Core Resting-State Networks and Their Influence on Cognition. Brain Connectivity, 2022, 12, 334-347.	1.7	1
2	mGluR5 binding changes during a mismatch negativity task in a multimodal protocol with [11C]ABP688 PET/MR-EEG. Translational Psychiatry, 2022, 12, 6.	4.8	7
3	Testâ€"retest stability of spontaneous brain activity and functional connectivity in the core restingâ€state networks assessed with ultrahigh field <scp>7â€Tesla</scp> restingâ€state <scp>functional magnetic resonance imaging</scp>. Human Brain Mapping, 2022, 43, 2026-2040.	3.6	8
4	<scp>mGluR₅</scp> and <scp>GABA_A</scp> receptorâ€specific parametric <scp>PET</scp> atlas constructionâ€"<scp>PET</scp>/<scp>MR</scp> data processing pipeline, validation, and application. Human Brain Mapping, 2022, 43, 2148-2163.	3.6	5
5	7T ultra-high-field neuroimaging for mental health: an emerging tool for precision psychiatry?. Translational Psychiatry, 2022, 12, 36.	4.8	7
6	Comparison of EEG microstates with resting state fMRI and FDGâ€PET measures in the default mode network via simultaneously recorded trimodal (PET/MR/EEG) data. Human Brain Mapping, 2021, 42, 4122-4133.	3.6	32
7	Common neurobiological correlates of resilience and personality traits within the triple resting-state brain networks assessed by 7-Tesla ultra-high field MRI. Scientific Reports, 2021, 11, 11564.	3.3	8
8	Excitatoryâ€"inhibitory balance within EEG microstates and resting-state fMRI networks: assessed via simultaneous trimodal PETâ€"MRâ€"EEG imaging. Translational Psychiatry, 2021, 11, 60.	4.8	21
9	Dynamics of task-induced modulation of spontaneous brain activity and functional connectivity in the triple resting-state networks assessed using the visual oddball paradigm. PLoS ONE, 2021, 16, e0246709.	2.5	2
10	mGluR5 receptor availability is associated with lower levels of negative symptoms and better cognition in male patients with chronic schizophrenia. Human Brain Mapping, 2020, 41, 2762-2781.	3.6	20
11	Simultaneous PET-MR-EEG: Technology, Challenges and Application in Clinical Neuroscience. IEEE Transactions on Radiation and Plasma Medical Sciences, 2019, 3, 377-385.	3.7	9
12	TRIMAGE: A dedicated trimodality (PET/MR/EEG) imaging tool for schizophrenia. European Psychiatry, 2018, 50, 7-20.	0.2	40
13	CHAPTER 16. Brain. New Developments in NMR, 2018, , 317-332.	0.1	0
14	Multimodal Fingerprints of Resting State Networks as assessed by Simultaneous Trimodal MR-PET-EEG Imaging. Scientific Reports, 2017, 7, 6452.	3.3	23
15	Simultaneous trimodal PET-MR-EEG imaging: Do EEG caps generate artefacts in PET images?. PLoS ONE, 2017, 12, e0184743.	2.5	11