

# Ravichandran Rajkumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/419021/publications.pdf>

Version: 2024-02-01

15  
papers

198  
citations

1307594

7  
h-index

1125743

13  
g-index

18  
all docs

18  
docs citations

18  
times ranked

289  
citing authors

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