

# Pontus Plavčič-Sigray

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

804  
citations

623734

14  
h-index

552781

26  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1297  
citing authors

#	ARTICLE	IF	CITATIONS
1	The readability of scientific texts is decreasing over time. <i>ELife</i> , 2017, 6, .	6.0	127
2	Positron Emission Tomography Studies of the Glial Cell Marker Translocator Protein in Patients With Psychosis: A Meta-analysis Using Individual Participant Data. <i>Biological Psychiatry</i> , 2018, 84, 433-442.	1.3	103
3	Lower levels of the glial cell marker TSPO in drug-naive first-episode psychosis patients as measured using PET and [11C]PBR28. <i>Molecular Psychiatry</i> , 2017, 22, 850-856.	7.9	94
4	Effects of age, BMI and sex on the glial cell marker TSPO – a multicentre [11C]PBR28 HRRT PET study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2329-2338.	6.4	70
5	Dopamine D1 receptor availability is related to social behavior: A positron emission tomography study. <i>NeuroImage</i> , 2014, 102, 590-595.	4.2	37
6	Validity and reliability of extrastriatal [11C]raclopride binding quantification in the living human brain. <i>NeuroImage</i> , 2019, 202, 116143.	4.2	36
7	Meta-analysis of the Glial Marker TSPO in Psychosis Revisited: Reconciling Inconclusive Findings of Patient – Control Differences. <i>Biological Psychiatry</i> , 2021, 89, e5-e8.	1.3	36
8	Assessment of simplified ratio-based approaches for quantification of PET [11C]PBR28 data. <i>EJNMMI Research</i> , 2017, 7, 58.	2.5	33
9	Extrastriatal dopamine D2-receptor availability in social anxiety disorder. <i>European Neuropsychopharmacology</i> , 2017, 27, 462-469.	0.7	31
10	Simulations to benchmark time-varying connectivity methods for fMRI. <i>PLoS Computational Biology</i> , 2018, 14, e1006196.	3.2	25
11	Brain neuroreceptor density and personality traits: towards dimensional biomarkers for psychiatric disorders. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170156.	4.0	24
12	Test-retest reliability and convergent validity of (R)-[11C]PK11195 outcome measures without arterial input function. <i>EJNMMI Research</i> , 2018, 8, 102.	2.5	21
13	Reliability of volumetric and surface-based normalisation and smoothing techniques for PET analysis of the cortex: A test-retest analysis using [11C]SCH-23390. <i>NeuroImage</i> , 2017, 155, 344-353.	4.2	20
14	Serotonin transporter availability increases in patients recovering from a depressive episode. <i>Translational Psychiatry</i> , 2021, 11, 264.	4.8	19
15	Accuracy and reliability of [11C]PBR28 specific binding estimated without the use of a reference region. <i>NeuroImage</i> , 2019, 188, 102-110.	4.2	18
16	Synaptic Density and Neuronal Metabolic Function Measured by Positron Emission Tomography in the Unilateral 6-OHDA Rat Model of Parkinson’s Disease. <i>Frontiers in Synaptic Neuroscience</i> , 2021, 13, 715811.	2.5	16
17	Thalamic dopamine D2-receptor availability in schizophrenia: a study on antipsychotic-naive patients with first-episode psychosis and a meta-analysis. <i>Molecular Psychiatry</i> , 2022, 27, 1233-1240.	7.9	13
18	Low convergent validity of [11C]raclopride binding in extrastriatal brain regions: A PET study of within-subject correlations with [11C]FLB 457. <i>NeuroImage</i> , 2021, 226, 117523.	4.2	11

#	ARTICLE	IF	CITATIONS
19	Meta-analytic studies of the glial cell marker TSPO in psychosis – a question of apples and pears?. <i>Psychological Medicine</i> , 2019, 49, 1624-1628.	4.5	10
20	Nondisplaceable Binding Is a Potential Confounding Factor in <sup>11</sup> C-PBR28 Translocator Protein PET Studies. <i>Journal of Nuclear Medicine</i> , 2021, 62, 412-417.	5.0	10
21	Is dopamine D1 receptor availability related to social behavior? A positron emission tomography replication study. <i>PLoS ONE</i> , 2018, 13, e0193770.	2.5	9
22	Trait impulsivity is not related to post-commissural putamen volumes: A replication study in healthy men. <i>PLoS ONE</i> , 2018, 13, e0209584.	2.5	7
23	Clinical brain PET research must embrace multi-centre collaboration and data sharing or risk its demise. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 502-504.	6.4	6
24	No association between cortical dopamine D2 receptor availability and cognition in antipsychotic-naïve first-episode psychosis. <i>NPJ Schizophrenia</i> , 2021, 7, 46.	3.6	3
25	An in vivo Pig Model for Testing Novel Positron Emission Tomography Radioligands Targeting Cerebral Protein Aggregates. <i>Frontiers in Neuroscience</i> , 2022, 16, 847074.	2.8	3
26	In response to the letter –[11C]raclopride and extrastriatal binding to D2/3 receptors–. <i>NeuroImage</i> , 2020, 207, 116371.	4.2	2
27	Dopamine D1 receptor availability is not associated with delusional ideation measures of psychosis proneness. <i>Schizophrenia Research</i> , 2020, 222, 175-184.	2.0	2
28	Early stopping in clinical PET studies: How to reduce expense and exposure. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2805-2819.	4.3	1
29	M7. LOWER THALAMIC DOPAMINE D2-RECEPTOR BINDING IN DRUG-NAIVE PATIENTS WITH PSYCHOSIS – A REPLICATION STUDY USING POSITRON EMISSION TOMOGRAPHY. <i>Schizophrenia Bulletin</i> , 2020, 46, S135-S136.	4.3	0