

Federico Edoardo Turkheimer

List of Publications by Year in descending order

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Version: 2024-02-01

289
papers

17,826
citations

16451

64
h-index

17105

122
g-index

322
all docs

322
docs citations

322
times ranked

19094
citing authors

#	ARTICLE	IF	CITATIONS
1	Striatal dopaminergic alterations in individuals with copy number variants at the 22q11.2 genetic locus and their implications for psychosis risk: a [18F]-DOPA PET study. <i>Molecular Psychiatry</i> , 2023, 28, 1995-2006.	7.9	13
2	Brain glucose metabolism in schizophrenia: a systematic review and meta-analysis of ¹⁸FDG-PET studies in schizophrenia. <i>Psychological Medicine</i> , 2023, 53, 4880-4897.	4.5	17
3	A Complex Systems Perspective on Neuroimaging Studies of Behavior and Its Disorders. <i>Neuroscientist</i> , 2022, 28, 382-399.	3.5	39
4	Altered nuclear architecture in blood cells from Huntington's disease patients. <i>Neurological Sciences</i> , 2022, 43, 379-385.	1.9	2
5	Transcriptional and cellular signatures of cortical morphometric remodelling in chronic pain. <i>Pain</i> , 2022, 163, e759-e773.	4.2	8
6	MRI-derived brain age as a biomarker of ageing in rats: validation using a healthy lifestyle intervention. <i>Neurobiology of Aging</i> , 2022, 109, 204-215.	3.1	6
7	GABAA and NMDA receptor density alterations and their behavioral correlates in the gestational methylazoxymethanol acetate model for schizophrenia. <i>Neuropsychopharmacology</i> , 2022, 47, 687-695.	5.4	6
8	White-matter free-water diffusion MRI in schizophrenia: a systematic review and meta-analysis. <i>Neuropsychopharmacology</i> , 2022, 47, 1413-1420.	5.4	22
9	Choroid plexus enlargement is associated with neuroinflammation and reduction of blood brain barrier permeability in depression. <i>NeuroImage: Clinical</i> , 2022, 33, 102926.	2.7	36
10	The blood-CSF-brain route of neurological disease: The indirect pathway into the brain. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	3.2	9
11	The pandemic brain: Neuroinflammation in non-infected individuals during the COVID-19 pandemic. <i>Brain, Behavior, and Immunity</i> , 2022, 102, 89-97.	4.1	25
12	A candidate neuroimaging biomarker for detection of neurotransmission-related functional alterations and prediction of pharmacological analgesic response in chronic pain. <i>Brain Communications</i> , 2022, 4, fcab302.	3.3	10
13	Cellular and molecular signatures of in vivo imaging measures of GABAergic neurotransmission in the human brain. <i>Communications Biology</i> , 2022, 5, 372.	4.4	1
14	Integrating neuroimaging and gene expression data using the imaging transcriptomics toolbox. <i>STAR Protocols</i> , 2022, 3, 101315.	1.2	4
15	Imaging Synaptic Density: The Next Holy Grail of Neuroscience?. <i>Frontiers in Neuroscience</i> , 2022, 16, 796129.	2.8	24
16	Differences in social brain function in autism spectrum disorder are linked to the serotonin transporter: A randomised placebo-controlled single-dose crossover trial. <i>Journal of Psychopharmacology</i> , 2022, 36, 723-731.	4.0	6
17	May the 4C's be with you: an overview of complexity-inspired frameworks for analysing resting-state neuroimaging data. <i>Journal of the Royal Society Interface</i> , 2022, 19, .	3.4	9
18	Metastability, fractal scaling, and synergistic information processing: What phase relationships reveal about intrinsic brain activity. <i>NeuroImage</i> , 2022, 259, 119433.	4.2	14

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19	GABA-A receptor differences in schizophrenia: a positron emission tomography study using [11C]Ro154513. <i>Molecular Psychiatry</i> , 2021, 26, 2616-2625.	7.9	53
20	Increased serum peripheral C-reactive protein is associated with reduced brain barriers permeability of TSPO radioligands in healthy volunteers and depressed patients: implications for inflammation and depression. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 487-497.	4.1	42
21	A potential biomarker for treatment stratification in psychosis: evaluation of an [18F] FDOPA PET imaging approach. <i>Neuropsychopharmacology</i> , 2021, 46, 1122-1132.	5.4	34
22	The relationship between grey matter volume and striatal dopamine function in psychosis: a multimodal 18F-DOPA PET and voxel-based morphometry study. <i>Molecular Psychiatry</i> , 2021, 26, 1332-1345.	7.9	23
23	Parametric Mapping for TSPO PET Imaging with Spectral Analysis Impulsive Response Function. <i>Molecular Imaging and Biology</i> , 2021, 23, 560-571.	2.6	4
24	Kinetic modeling and parameter estimation of TSPO PET imaging in the human brain. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 49, 246-256.	6.4	27
25	Supervised clustering for TSPO PET imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 49, 257-268.	6.4	17
26	The translocator protein (TSPO) is prodromal to mitophagy loss in neurotoxicity. <i>Molecular Psychiatry</i> , 2021, 26, 2721-2739.	7.9	10
27	Integration of human whole-brain transcriptome and neuroimaging data: Practical considerations of current available methods. <i>Journal of Neuroscience Methods</i> , 2021, 355, 109128.	2.5	7
28	A Modest Increase in 11C-PK11195-Positron Emission Tomography TSPO Binding in Depression Is Not Associated With Serum C-Reactive Protein or Body Mass Index. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 716-724.	1.5	10
29	N-methyl-D-aspartate receptor availability in first-episode psychosis: a PET-MR brain imaging study. <i>Translational Psychiatry</i> , 2021, 11, 425.	4.8	14
30	Resolving the cellular specificity of TSPO imaging in a rat model of peripherally-induced neuroinflammation. <i>Brain, Behavior, and Immunity</i> , 2021, 96, 154-167.	4.1	16
31	Automated Data Quality Control in FDOPA brain PET Imaging using Deep Learning. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 208, 106239.	4.7	13
32	Neural correlates of emotional processing in psychosis risk and onset – A systematic review and meta-analysis of fMRI studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 780-788.	6.1	15
33	Using quantitative MRI to study brain responses to immune challenge with interferon- γ . <i>Brain, Behavior, & Immunity - Health</i> , 2021, 18, 100376.	2.5	0
34	18F-GE180, a failed tracer for translocator protein, has no place in child abuse imaging. <i>Pediatric Radiology</i> , 2021, , 1.	2.0	1
35	Age-Specific Adult Rat Brain MRI Templates and Tissue Probability Maps. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 669049.	2.5	5
36	Imaging transcriptomics: Convergent cellular, transcriptomic, and molecular neuroimaging signatures in the healthy adult human brain. <i>Cell Reports</i> , 2021, 37, 110173.	6.4	28

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37	[18F]Florbetapir PET/MR imaging to assess demyelination in multiple sclerosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 366-378.	6.4	19
38	Letter to the Editor re: Confirmation of Specific Binding of the 18-kDa Translocator Protein (TSPO) Radioligand [18F]GE-180: a Blocking Study Using XBD173 in Multiple Sclerosis Normal Appearing White and Grey Matter. <i>Molecular Imaging and Biology</i> , 2020, 22, 10-12.	2.6	6
39	Normalizing the Abnormal: Do Antipsychotic Drugs Push the Cortex Into an Unsustainable Metabolic Envelope?. <i>Schizophrenia Bulletin</i> , 2020, 46, 484-495.	4.3	17
40	T133. NEURAL CORRELATES OF EMOTIONAL PROCESSING IN PSYCHOSIS RISK AND ONSET – A SYSTEMATIC REVIEW AND META-ANALYSIS OF FMRI STUDIES. <i>Schizophrenia Bulletin</i> , 2020, 46, S281-S281.	4.3	0
41	T180. REDUCED [3H]RO15-4513 RECEPTOR BINDING IN THE VENTRAL HIPPOCAMPUS IN THE MAM DEVELOPMENTAL DISRUPTION MODEL OF SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2020, 46, S300-S300.	4.3	0
42	Corrigendum to: Normalizing the Abnormal: Do Antipsychotic Drugs Push the Cortex Into an Unsustainable Metabolic Envelope?. <i>Schizophrenia Bulletin</i> , 2020, , .	4.3	0
43	Effects of Antipsychotic Drugs: Cross Talk Between the Nervous and Innate Immune System. <i>CNS Drugs</i> , 2020, 34, 1229-1251.	5.9	26
44	M18. REDUCED CORTICAL CEREBRAL BLOOD FLOW IN FIRST EPISODE PSYCHOSIS PATIENTS. <i>Schizophrenia Bulletin</i> , 2020, 46, S140-S140.	4.3	0
45	A GABA Interneuron Deficit Model of the Art of Vincent van Gogh. <i>Frontiers in Psychiatry</i> , 2020, 11, 685.	2.6	3
46	Patterns of Mitochondrial TSPO Binding in Cerebral Small Vessel Disease: An in vivo PET Study With Neuropathological Comparison. <i>Frontiers in Neurology</i> , 2020, 11, 541377.	2.4	9
47	An automated machine learning approach to predict brain age from cortical anatomical measures. <i>Human Brain Mapping</i> , 2020, 41, 3555-3566.	3.6	29
48	Unravelling the effects of methylphenidate on the dopaminergic and noradrenergic functional circuits. <i>Neuropsychopharmacology</i> , 2020, 45, 1482-1489.	5.4	17
49	Anatomy of 18F-GE180, a failed radioligand for the TSPO protein. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2233-2236.	6.4	28
50	Investigating the effects of ebselen, a potential new lithium mimetic, on glutamate transmission. <i>Synapse</i> , 2020, 74, e22151.	1.2	5
51	The Topography of Striatal Dopamine and Symptoms in Psychosis: An Integrative Positron Emission Tomography and Magnetic Resonance Imaging Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 1040-1051.	1.5	11
52	Evaluation of [13N]ammonia positron emission tomography as a potential method for quantifying glutamine synthetase activity in the human brain. <i>EJNMMI Research</i> , 2020, 10, 146.	2.5	1
53	Neural diffusivity and pre-emptive epileptic seizure intervention. <i>PLoS Computational Biology</i> , 2020, 16, e1008448.	3.2	1
54	M149. THE TOPOGRAPHY OF STRIATAL DOPAMINE AND SYMPTOMS IN PSYCHOSIS: AN INTEGRATIVE PET AND MRI STUDY. <i>Schizophrenia Bulletin</i> , 2020, 46, S192-S192.	4.3	0

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55	The Effects of Antipsychotic Treatment on Presynaptic Dopamine Synthesis Capacity in First-Episode Psychosis: A Positron Emission Tomography Study. <i>Biological Psychiatry</i> , 2019, 85, 79-87.	1.3	54
56	In Vivo Availability of Cannabinoid 1 Receptor Levels in Patients With First-Episode Psychosis. <i>JAMA Psychiatry</i> , 2019, 76, 1074.	11.0	50
57	CSF1R inhibitor JNJ-40346527 attenuates microglial proliferation and neurodegeneration in P301S mice. <i>Brain</i> , 2019, 142, 3243-3264.	7.6	156
58	Conflicting emergences. Weak vs. strong emergence for the modelling of brain function. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 99, 3-10.	6.1	23
59	The association of psychosocial risk factors for mental health with a brain marker altered by inflammation: A translocator protein (TSPO) PET imaging study. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 742-750.	4.1	6
60	Application of advanced brain positron emission tomography-based molecular imaging for a biological framework in neurodegenerative proteinopathies. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 327-332.	2.4	9
61	Dynamic ¹¹ C-PiB PET Shows Cerebrospinal Fluid Flow Alterations in Alzheimer Disease and Multiple Sclerosis. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1452-1460.	5.0	64
62	Receptor-Enriched Analysis of functional connectivity by targets (REACT): A novel, multimodal analytical approach informed by PET to study the pharmacodynamic response of the brain under MDMA. <i>NeuroImage</i> , 2019, 195, 252-260.	4.2	40
63	Covariance statistics and network analysis of brain PET imaging studies. <i>Scientific Reports</i> , 2019, 9, 2496.	3.3	42
64	Widespread microglial activation in multiple system atrophy. <i>Movement Disorders</i> , 2019, 34, 564-568.	3.9	41
65	Modelling Continuous Arterial Blood Data from MR-Compatible Sampler in Simultaneous Pet-MRI Experiments. , 2019, , .		1
66	Increased cerebral blood flow after single dose of antipsychotics in healthy volunteers depends on dopamine D2 receptor density profiles. <i>NeuroImage</i> , 2019, 188, 774-784.	4.2	30
67	Frontostriatal functional connectivity and striatal dopamine synthesis capacity in schizophrenia in terms of antipsychotic responsiveness: an [¹⁸ F]DOPA PET and fMRI study. <i>Psychological Medicine</i> , 2019, 49, 2533-2542.	4.5	15
68	The validity of 18F-GE180 as a TSPO imaging agent. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1205-1207.	6.4	36
69	Neuroinflammation in schizophrenia: meta-analysis of <i>in vivo</i> microglial imaging studies. <i>Psychological Medicine</i> , 2019, 49, 2186-2196.	4.5	151
70	Mesolimbic Dopamine Function Is Related to Salience Network Connectivity: An Integrative Positron Emission Tomography and Magnetic Resonance Study. <i>Biological Psychiatry</i> , 2019, 85, 368-378.	1.3	72
71	Generalization of endothelial modelling of TSPO PET imaging: Considerations on tracer affinities. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 874-885.	4.3	38
72	Determinants of treatment response in first-episode psychosis: an 18F-DOPA PET study. <i>Molecular Psychiatry</i> , 2019, 24, 1502-1512.	7.9	120

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73	Cerebral serotonin transporter measurements with [¹¹ C]DASB: A review on acquisition and preprocessing across 21 PET centres. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 210-222.	4.3	25
74	Serotonergic dysregulation is linked to sleep problems in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2018, 18, 630-637.	2.7	52
75	O4.3. INCREASED CEREBRAL BLOOD FLOW AFTER SINGLE DOSE OF ANTIPSYCHOTICS IN HEALTHY SUBJECTS DEPENDS ON DOPAMINE D2 RECEPTOR DENSITY PROFILES EVALUATED WITH PET AND MRNA EXPRESSION DATA.. <i>Schizophrenia Bulletin</i> , 2018, 44, S83-S84.	4.3	0
76	Parametric mapping using spectral analysis for 11C-PBR28 PET reveals neuroinflammation in mild cognitive impairment subjects. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1432-1441.	6.4	22
77	Validation of an automatic reference region extraction for the quantification of [¹⁸ F]DPA-714 in dynamic brain PET studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 333-346.	4.3	32
78	Kinetic modelling of [¹¹ C]PBR28 for 18kDa translocator protein PET data: A validation study of vascular modelling in the brain using XBD173 and tissue analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1227-1242.	4.3	51
79	Brain TSPO imaging and gray matter volume in schizophrenia patients and in people at ultra high risk of psychosis: An [¹¹ C]PBR28 study. <i>Schizophrenia Research</i> , 2018, 195, 206-214.	2.0	48
80	Pseudoreference Regions for Glial Imaging with ¹¹ C-PBR28: Investigation in 2 Clinical Cohorts. <i>Journal of Nuclear Medicine</i> , 2018, 59, 107-114.	5.0	32
81	Obstructive sleep apnoea and Alzheimer's disease: In search of shared pathomechanisms. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 86, 142-149.	6.1	78
82	P1475: NOVEL THIRD GENERATION MICROGLIAL MARKER FLUTRICICLAMIDE ([¹⁸ F]GE180) IN ALZHEIMER'S DISEASE AND MILD COGNITIVE IMPAIRMENT. <i>Alzheimer's and Dementia</i> , 2018, 14, P506.	0.8	0
83	GABA _A receptor availability is not altered in adults with autism spectrum disorder or in mouse models. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	41
84	The relationship between cortical glutamate and striatal dopamine in first-episode psychosis: a cross-sectional multimodal PET and magnetic resonance spectroscopy imaging study. <i>Lancet Psychiatry</i> , 2018, 5, 816-823.	7.4	89
85	Assessing the feasibility of intranasal radiotracer administration for in brain PET imaging. <i>Nuclear Medicine and Biology</i> , 2018, 66, 32-39.	0.6	7
86	Active Acquisition for multimodal neuroimaging. <i>Wellcome Open Research</i> , 2018, 3, 145.	1.8	2
87	Active Acquisition for multimodal neuroimaging. <i>Wellcome Open Research</i> , 2018, 3, 145.	1.8	4
88	Regulation of dopaminergic function: an [¹⁸ F]-DOPA PET apomorphine challenge study in humans.. <i>Translational Psychiatry</i> , 2017, 7, e1027-e1027.	4.8	53
89	A Variational Bayesian inference method for parametric imaging of PET data. <i>NeuroImage</i> , 2017, 150, 136-149.	4.2	23
90	Microglial activation in normal-appearing brain regions of patients with cerebral glioma: a cross-sectional study. <i>Lancet</i> , 2017, 389, S92.	13.7	1

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91	Brain microglia in psychiatric disorders. <i>Lancet Psychiatry</i> , 2017, 4, 563-572.	7.4	208
92	Protein synthesis is associated with high-speed dynamics and broad-band stability of functional hubs in the brain. <i>NeuroImage</i> , 2017, 155, 209-216.	4.2	7
93	A role for TSPO in mitochondrial Ca ²⁺ homeostasis and redox stress signaling. <i>Cell Death and Disease</i> , 2017, 8, e2896-e2896.	6.3	75
94	Test-retest reproducibility of quantitative binding measures of [¹¹ C]Ro15-4513, a PET ligand for GABA A receptors containing alpha5 subunits. <i>NeuroImage</i> , 2017, 152, 270-282.	4.2	17
95	A Test of the Transdiagnostic Dopamine Hypothesis of Psychosis Using Positron Emission Tomographic Imaging in Bipolar Affective Disorder and Schizophrenia. <i>JAMA Psychiatry</i> , 2017, 74, 1206.	11.0	178
96	PET imaging of putative microglial activation in individuals at ultra-high risk for psychosis, recently diagnosed and chronically ill with schizophrenia. <i>Translational Psychiatry</i> , 2017, 7, e1225-e1225.	4.8	70
97	[¹²³ I]: STRATEGIES TO DEVELOP PARAMETRIC MAPS FOR TSPO PET TRACER [¹¹ C]PBR28 IN PATIENTS WITH MILD COGNITIVE IMPAIRMENT. <i>Alzheimer's and Dementia</i> , 2017, 13, P288.	0.8	0
98	[¹²⁴ I]: REGIONAL KINETIC MODELLING APPLICATION FOR TSPO PET TRACER [¹¹ C]PBR28. <i>Alzheimer's and Dementia</i> , 2017, 13, P289.	0.8	0
99	[¹⁸ F]: MICROGLIAL ACTIVATION IN ALZHEIMER'S DISEASE DETECTED BY NOVEL THIRD GENERATION TRANSLOCATOR PROTEIN TRACER FLUTRICICLAMIDE ([¹⁸ F]GE180). <i>Alzheimer's and Dementia</i> , 2017, 13, P922.	0.8	0
100	Acute induction of anxiety in humans by delta-9-tetrahydrocannabinol related to amygdalar cannabinoid-1 (CB1) receptors. <i>Scientific Reports</i> , 2017, 7, 15025.	3.3	57
101	74. The Neurochemical Basis of Antipsychotic Response in Psychosis: A Prospective Multimodal 18 F-Dopa and 1-H MRS Study in First-Episode Psychosis.. <i>Schizophrenia Bulletin</i> , 2017, 43, S43-S43.	4.3	0
102	Regional Differences in Serotonin Transporter Occupancy by Escitalopram: An [¹¹ C]DASB PK-PD Study. <i>Clinical Pharmacokinetics</i> , 2017, 56, 371-381.	3.5	9
103	A multicenter positron emission tomography study of GABA receptor availability in adults with autism. <i>European Neuropsychopharmacology</i> , 2017, 27, S716-S717.	0.7	0
104	142. State or Trait? Investigation of Dopamine Function in Individuals With 22q11 Deletion. <i>Schizophrenia Bulletin</i> , 2017, 43, S75-S75.	4.3	2
105	PET image reconstruction using multi-parametric anato-functional priors. <i>Physics in Medicine and Biology</i> , 2017, 62, 5975-6007.	3.0	54
106	Multimodal partial volume correction: Application to [¹¹ C]PIB PET/MRI myelin imaging in multiple sclerosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3803-3817.	4.3	21
107	From homeostasis to behavior: Balanced activity in an exploration of embodied dynamic environmental-neural interaction. <i>PLoS Computational Biology</i> , 2017, 13, e1005721.	3.2	14
108	Spectral Analysis of Dynamic PET Studies: A Review of 20 Years of Method Developments and Applications. <i>Computational and Mathematical Methods in Medicine</i> , 2016, 2016, 1-15.	1.3	28

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109	Insights into Brain Architectures from the Homological Scaffolds of Functional Connectivity Networks. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 85.	2.5	53
110	Benzothiazole and stilbene derivatives as promising positron emission tomography myelin radiotracers for multiple sclerosis. <i>Annals of Neurology</i> , 2016, 80, 166-167.	5.3	8
111	Using [¹¹ C]Ro15 4513 PET to characterise GABA-benzodiazepine receptors in opiate addiction: Similarities and differences with alcoholism. <i>NeuroImage</i> , 2016, 132, 1-7.	4.2	10
112	Altered serotonin transporter binding potential in patients with obsessive-compulsive disorder under escitalopram treatment: [¹¹ C]DASB PET study. <i>Psychological Medicine</i> , 2016, 46, 357-366.	4.5	21
113	Regulation of Mitochondrial Signaling and Quality Control by the 18KDA Translocator Protein (TSPO). <i>Biophysical Journal</i> , 2016, 110, 473a.	0.5	0
114	TSPO drives post-translational modifications of the VDAC regulating mitochondrial signaling and quality control mechanisms. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, e65.	1.0	0
115	All You Need Is Sleep. <i>EBioMedicine</i> , 2016, 12, 2-3.	6.1	4
116	Dynamic ¹ H magnetic resonance imaging of individual ¹ H myelination profiles in ¹ H multiple sclerosis. <i>Annals of Neurology</i> , 2016, 79, 726-738.	5.3	174
117	Test-retest analysis of a non-invasive method of quantifying [¹¹ C]-PBR28 binding in Alzheimer's disease. <i>EJNMMI Research</i> , 2016, 6, 72.	2.5	25
118	Response to Narendran and Frankle: The Interpretation of PET Microglial Imaging in Schizophrenia. <i>American Journal of Psychiatry</i> , 2016, 173, 537-538.	7.2	10
119	TSPO expression in brain tumours: is TSPO a target for brain tumour imaging?. <i>Clinical and Translational Imaging</i> , 2016, 4, 145-156.	2.1	57
120	Measuring specific receptor binding of a PET radioligand in human brain without pharmacological blockade: The genomic plot. <i>NeuroImage</i> , 2016, 130, 1-12.	4.2	21
121	Amyloid pathology and axonal injury after brain trauma. <i>Neurology</i> , 2016, 86, 821-828.	1.1	116
122	Treatment-Resistant Schizophrenia Patients Show Elevated Anterior Cingulate Cortex Glutamate Compared to Treatment-Responsive. <i>Schizophrenia Bulletin</i> , 2016, 42, 744-752.	4.3	174
123	Microglial Activity in People at Ultra High Risk of Psychosis and in Schizophrenia: An [¹¹ C]PBR28 PET Brain Imaging Study. <i>American Journal of Psychiatry</i> , 2016, 173, 44-52.	7.2	382
124	MENGA: A New Comprehensive Tool for the Integration of Neuroimaging Data and the Allen Human Brain Transcriptome Atlas. <i>PLoS ONE</i> , 2016, 11, e0148744.	2.5	62
125	The methodology of TSPO imaging with positron emission tomography. <i>Biochemical Society Transactions</i> , 2015, 43, 586-592.	3.4	186
126	TSPO: functions and applications of a mitochondrial stress response pathway. <i>Biochemical Society Transactions</i> , 2015, 43, 593-594.	3.4	7

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127	Fractal analysis of MRI data for the characterization of patients with schizophrenia and bipolar disorder. <i>Physics in Medicine and Biology</i> , 2015, 60, 1697-1716.	3.0	25
128	The 18-kDa Mitochondrial Translocator Protein in Human Gliomas: An ¹¹ C-(R)PK11195 PET Imaging and Neuropathology Study. <i>Journal of Nuclear Medicine</i> , 2015, 56, 512-517.	5.0	77
129	Multimodal Partial-Volume Correction: Application to ¹⁸ F-Fluoride PET/CT Bone Metastases Studies. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1408-1414.	5.0	10
130	Quantification of [¹¹ C]PIB PET for Imaging Myelin in the Human Brain: A Test-Retest Reproducibility Study in High-Resolution Research Tomography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1771-1782.	4.3	52
131	The brain's code and its canonical computational motifs. From sensory cortex to the default mode network: A multi-scale model of brain function in health and disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 55, 211-222.	6.1	48
132	Increased central microglial activation associated with peripheral cytokine levels in premanifest Huntington's disease gene carriers. <i>Neurobiology of Disease</i> , 2015, 83, 115-121.	4.4	133
133	Increased PK11195-PET binding in normal-appearing white matter in clinically isolated syndrome. <i>Brain</i> , 2015, 138, 110-119.	7.6	76
134	Presynaptic Serotonergic Regulation of Emotional Processing: A Multimodal Brain Imaging Study. <i>Biological Psychiatry</i> , 2015, 78, 563-571.	1.3	19
135	The X-Linked Hypothesis of Brain Disorders. <i>Neuroscientist</i> , 2015, 21, 589-598.	3.5	1
136	The cortical thickness phenotype of individuals with DISC1 translocation resembles schizophrenia. <i>Journal of Clinical Investigation</i> , 2015, 125, 3714-3722.	8.2	16
137	Spatial Dependencies between Large-Scale Brain Networks. <i>PLoS ONE</i> , 2014, 9, e98500.	2.5	23
138	Kinetic Modeling without Accounting for the Vascular Component Impairs the Quantification of [¹¹ C]PBR28 Brain PET Data. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1060-1069.	4.3	112
139	The Predictive Power of Brain mRNA Mappings for <i>in vivo</i> Protein Density: A Positron Emission Tomography Correlation Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 827-835.	4.3	44
140	A Graphical Method to Compare the <i>in vivo</i> Binding Potential of PET Radioligands in the Absence of a Reference Region: Application to [¹¹ C]PBR28 and [¹⁸ F]PBR111 for TSPO Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1162-1168.	4.3	38
141	Serotonergic mechanisms responsible for levodopa-induced dyskinesias in Parkinson's disease patients. <i>Journal of Clinical Investigation</i> , 2014, 124, 1340-1349.	8.2	202
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