The Center for Integrated Molecular Brain Imaging (Cim

Citation Report

#	Article	IF	Citations
1	Personality traits in Huntington's disease: An exploratory study of gene expansion carriers and nonâ€carriers. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 1153-1160.	1.1	6
2	Brain serotonin 4 receptor binding is associated with the cortisol awakening response. Psychoneuroendocrinology, 2016, 67, 124-132.	1.3	17
3	BDNF val66met association with serotonin transporter binding in healthy humans. Translational Psychiatry, 2017, 7, e1029-e1029.	2.4	20
4	Association of Protein Distribution and Gene Expression Revealed by PET and Post-Mortem Quantification in the Serotonergic System of the Human Brain. Cerebral Cortex, 2017, 27, 117-130.	1.6	30
5	Testosterone levels in healthy men correlate negatively with serotonin 4 receptor binding. Psychoneuroendocrinology, 2017, 81, 22-28.	1.3	28
6	A High-Resolution *In Vivo* Atlas of the Human Brain's Serotonin System. Journal of Neuroscience, 2017, 37, 120-128.	1.7	262
7	Spatial analysis and high resolution mapping of the human whole-brain transcriptome for integrative analysis in neuroimaging. NeuroImage, 2018, 176, 259-267.	2.1	87
8	Non-invasive kinetic modelling of PET tracers with radiometabolites using a constrained simultaneous estimation method: evaluation with 11C-SB201745. EJNMMI Research, 2018, 8, 58.	1.1	17
9	Whole-Brain Multimodal Neuroimaging Model Using Serotonin Receptor Maps Explains Non-linear Functional Effects of LSD. Current Biology, 2018, 28, 3065-3074.e6.	1.8	159
10	APPIAN: Automated Pipeline for PET Image Analysis. Frontiers in Neuroinformatics, 2018, 12, 64.	1.3	12
11	Brain PET Poster Sessions PP01-M01 to PP02-N07. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 524-608.	2.4	1
12	Optimization of preprocessing strategies in Positron Emission Tomography (PET) neuroimaging: A [11C]DASB PET study. NeuroImage, 2019, 199, 466-479.	2.1	21
13	Molecular imaging of neuroinflammation in patients after mild traumatic brain injury: a longitudinal [123]Iâ€CLINDE single photon emission computed tomography study. European Journal of Neurology, 2019, 26, 1426-1432.	1.7	41
14	Covariance statistics and network analysis of brain PET imaging studies. Scientific Reports, 2019, 9, 2496.	1.6	42
15	Negative Association Between Allopregnanolone and Cerebral Serotonin Transporter Binding in Healthy Women of Fertile Age. Frontiers in Psychology, 2018, 9, 2767.	1.1	12
16	Psychometric Properties and Validation of the EMOTICOM Test Battery in a Healthy Danish Population. Frontiers in Psychology, 2019, 10, 2660.	1.1	10
17	P.301 Hippocampal subfield volumetric changes following electroconvulsive therapy in patients with late-life depression. European Neuropsychopharmacology, 2019, 29, S214-S215.	0.3	1
18	P.302 Healthy women who use oral contraceptives show lower brain serotonin 4 receptor binding relative to nonusers. European Neuropsychopharmacology, 2019, 29, S215.	0.3	0

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21	Neuroticism modulates mood responses to pharmacological sex hormone manipulation in healthy women. Psychoneuroendocrinology, 2019, 99, 251-256.	1.3	7
22	Trait Openness and serotonin 2A receptors in healthy volunteers: A positron emission tomography study. Human Brain Mapping, 2019, 40, 2117-2124.	1.9	8
23	Parcellation of the Human Cerebral Cortex Based on Molecular Targets in the Serotonin System Quantified by Positron Emission Tomography In vivo. Cerebral Cortex, 2019, 29, 372-382.	1.6	12
24	Different preprocessing strategies lead to different conclusions: A [11C]DASB-PET reproducibility study. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1902-1911.	2.4	10
25	The structure of the serotonin system: A PET imaging study. NeuroImage, 2020, 205, 116240.	2.1	17
27	False positive rates in positron emission tomography (PET) voxelwise analyses. Journal of Cerebral Blood Flow and Metabolism, 2020, 41, 0271678X2097496.	2.4	5
28	Common <scp><i>HTR2A</i></scp> variants and <scp>5â€HTTLPR</scp> are not associated with human in vivo serotonin <scp>2A</scp> receptor levels. Human Brain Mapping, 2020, 41, 4518-4528.	1.9	19
29	Predicting Treatment Outcome in Major Depressive Disorder Using Serotonin 4 Receptor PET Brain Imaging, Functional MRI, Cognitive-, EEG-Based, and Peripheral Biomarkers: A NeuroPharm Open Label Clinical Trial Protocol. Frontiers in Psychiatry, 2020, 11, 641.	1.3	30
30	Oral contraceptives and the serotonin 4 receptor: a molecular brain imaging study in healthy women. Acta Psychiatrica Scandinavica, 2020, 142, 294-306.	2.2	21
31	Identification of a Serotonin 2A Receptor Subtype of Schizophrenia Spectrum Disorders With Pimavanserin: The Sub-Sero Proof-of-Concept Trial Protocol. Frontiers in Pharmacology, 2020, 11, 591.	1.6	8
32	Etiology of sensory processing sensitivity: Neurobiology, genes, and evolution. , 2020, , 109-134.		4
33	Psychometric Properties of the Verbal Affective Memory Test-26 and Evaluation of Affective Biases in Major Depressive Disorder. Frontiers in Psychology, 2020, 11, 961.	1.1	6
34	Serotonergic psychedelics LSD & psilocybin increase the fractal dimension of cortical brain activity in spatial and temporal domains. NeuroImage, 2020, 220, 117049.	2.1	49
35	Severity of self-reported depressive symptoms in a healthy sample is modulated by trait Harm Avoidance, not by 5-HTTLPR polymorphism. Psychiatry Research, 2020, 291, 113029.	1.7	1
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37	Dynamic coupling of whole-brain neuronal and neurotransmitter systems. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9566-9576.	3.3	173
39	Reward processing in major depressive disorder and prediction of treatment response â€" Neuropharm study. European Neuropsychopharmacology, 2021, 44, 23-33.	0.3	10
40	Cognitive fatigue in multiple sclerosis is associated with alterations in the functional connectivity of monoamine circuits. Brain Communications, 2021, 3, fcab023.	1.5	20

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41	Default mode network functional connectivity negatively associated with trait openness to experience. Social Cognitive and Affective Neuroscience, 2021, 16, 950-961.	1.5	12
43	A high-resolution in vivo atlas of the human brain's benzodiazepine binding site of GABAA receptors. NeuroImage, 2021, 232, 117878.	2.1	47
44	Trait aggression is associated with five‐factor personality traits in males. Brain and Behavior, 2021, 11, e02175.	1.0	9
47	CERMEP-IDB-MRXFDG: a database of 37 normal adult human brain [18F]FDG PET, T1 and FLAIR MRI, and CT images available for research. EJNMMI Research, 2021, 11, 91.	1.1	18
48	The Modulatory Role of Serotonin on Human Impulsive Aggression. Biological Psychiatry, 2021, 90, 447-457.	0.7	33
50	No evidence for a role of the serotonin 4 receptor in five-factor personality traits: A positron emission tomography brain study. PLoS ONE, 2017, 12, e0184403.	1.1	4
51	Sparse Probabilistic Parallel Factor Analysis for the Modeling of PET and Task-fMRI Data. Lecture Notes in Computer Science, 2017, , 186-198.	1.0	0
53	Stress-Hormone Dynamics and Working Memory in Healthy Women Who Use Oral Contraceptives Versus Non-Users. Frontiers in Endocrinology, 2021, 12, 731994.	1.5	9
54	Bridging gaps between images and data: a systematic update on imaging biobanks. European Radiology, 2022, 32, 3173-3186.	2.3	11
55	PET-BIDS, an extension to the brain imaging data structure for positron emission tomography. Scientific Data, 2022, 9, 65.	2.4	20
56	P.0401 Self-reported sexual function in depressed patients and serotonin 4 receptor brain binding – a Positron Emission Tomography study. European Neuropsychopharmacology, 2021, 53, S290-S291.	0.3	0
57	Short-term oestrogen as a strategy to prevent postpartum depression in high-risk women: protocol for the double-blind, randomised, placebo-controlled MAMA clinical trial. BMJ Open, 2021, 11, e052922.	0.8	1
58	A candidate neuroimaging biomarker for detection of neurotransmission-related functional alterations and prediction of pharmacological analgesic response in chronic pain. Brain Communications, 2022, 4, fcab302.	1.5	10
60	P.0512 Brain serotonin transporter is associated with cognitive affective biases in healthy individuals. European Neuropsychopharmacology, 2021, 53, S377-S378.	0.3	1
61	P.0430 Peripheral inflammation and serotonergic brain signalling in healthy individuals: implications for the risk architecture of Major Depressive Disorder?. European Neuropsychopharmacology, 2021, 53, S312-S313.	0.3	0
69	Emotional faces processing in major depressive disorder and prediction of antidepressant treatment response: A NeuroPharm study. Journal of Psychopharmacology, 2022, 36, 626-636.	2.0	11
70	Brain serotonin transporter is associated with cognitive‐affective biases in healthy individuals. Human Brain Mapping, 0, , .	1.9	3
71	Designing drug occupancy studies with PET neuroimaging: Sample size, occupancy ranges and analytical methods. NeuroImage, 2022, 263, 119620.	2.1	3

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72	Receptor-informed network control theory links LSD and psilocybin to a flattening of the brain's control energy landscape. Nature Communications, 2022, 13, .	5.8	43
73	Reliability of three versus five saliva sampling times for assessing the cortisol awakening response. Psychoneuroendocrinology, 2023, 147, 105950.	1.3	6
74	Sexual function improves as depressive symptoms decrease during treatment with escitalopram: results of a naturalistic study of patients with major depressive disorder. Journal of Sexual Medicine, 2023, 20, 161-169.	0.3	3
75	Serotonin 4 Receptor Brain Binding in Major Depressive Disorder and Association With Memory Dysfunction. JAMA Psychiatry, 2023, 80, 296.	6.0	8
77	Deep phenotyping towards precision psychiatry of first-episode depression—the Brain Drugs-Depression cohort. BMC Psychiatry, 2023, 23, .	1.1	6
78	Multivariate analysis of PET pharmacokinetic parameters improves inferential efficiency. EJNMMI Physics, 2023, 10, .	1.3	0
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