Gitte Moos Knudsen

List of Publications by Year
in descending order

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501	20,227	15466 65	22102 113
papers	citations	h-index	g-index

576	576	576	18205
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bloodâ€“brain barrier permeable Î²-blockers linked to lower risk of Alzheimerâ€™s disease in hypertension. Brain, 2023, 146, 1141-1151.	3.7	30
2	Sustained effects of single doses of classical psychedelics in humans. Neuropsychopharmacology, 2023, 48, 145-150.	2.8	21
3	Neuronal underpinnings of cognitive impairment in bipolar disorder: A large dataâ€driven functional magnetic resonance imaging study. Bipolar Disorders, 2022, 24, 69-81.	1.1	16
4	Lasting effects of a single psilocybin dose on resting-state functional connectivity in healthy individuals. Journal of Psychopharmacology, 2022, 36, 74-84.	2.0	29
5	Action-based cognitive remediation in bipolar disorder improved verbal memory but had no effect on the neural response during episodic memory encoding. Psychiatry Research - Neuroimaging, 2022, 319, 111418.	0.9	1
6	Influence of pre-treatment structural brain measures on effects of action-based cognitive remediation on executive function in partially or fully remitted patients with bipolar disorder. European Neuropsychopharmacology, 2022, 56, 50-59.	0.3	5
7	Acute sleep deprivation upregulates serotonin 2A receptors in the frontal cortex of mice via the immediate early gene Egr3. Molecular Psychiatry, 2022, 27, 1599-1610.	4.1	8
8	PET-BIDS, an extension to the brain imaging data structure for positron emission tomography. Scientific Data, 2022, 9, 65.	2.4	20
9	The Impact of Hormonal Contraceptive Use on Serotonergic Neurotransmission and Antidepressant Treatment Response: Results From the NeuroPharm 1 Study. Frontiers in Endocrinology, 2022, 13, 799675.	1.5	5
10	An in vivo Pig Model for Testing Novel Positron Emission Tomography Radioligands Targeting Cerebral Protein Aggregates. Frontiers in Neuroscience, 2022, 16, 847074.	1.4	3
11	Psilocybin-Induced Mystical-Type Experiences are Related to Persisting Positive Effects: A Quantitative and Qualitative Report. Frontiers in Pharmacology, 2022, 13, 841648.	1.6	29
12	Neural underpinnings of emotion regulation subgroups in remitted patients with recently diagnosed bipolar disorder. European Neuropsychopharmacology, 2022, 60, 7-18.	0.3	6
13	Psychedelic resting-state neuroimaging: A review and perspective on balancing replication and novel analyses. Neuroscience and Biobehavioral Reviews, 2022, 138, 104689.	2.9	45
14	Systemic DNA and RNA damage from oxidation after serotonergic treatment of unipolar depression. Translational Psychiatry, 2022, 12, 204.	2.4	11
15	Hot and Cold Cognitive Disturbances in Parkinson Patients Treated with DBS-STN: A Combined PET and Neuropsychological Study. Brain Sciences, 2022, 12, 654.	1.1	1
16	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
17	Concurrent anxiety in patients with major depression and cerebral serotonin 4 receptor binding. A NeuroPharm-1 study. Translational Psychiatry, 2022, 12, .	2.4	7
18	An fMRI-compatible system for targeted electrical stimulation. Journal of Neuroscience Methods, 2022, 378, 109659.	1.3	0

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19	Trajectory of aberrant reward processing in patients with bipolar disorder â€“ A longitudinal fMRI study. Journal of Affective Disorders, 2022, 312, 235-244.	2.0	4
20	Nondisplaceable Binding Is a Potential Confounding Factor in ¹¹C-PBR28 Translocator Protein PET Studies. Journal of Nuclear Medicine, 2021, 62, 412-417.	2.8	10
21	Plasma psilocin critically determines behavioral and neurobiological effects of psilocybin. Neuropsychopharmacology, 2021, 46, 257-258.	2.8	9
22	Brain serotonin 2A receptor binding predicts subjective temporal and mystical effects of psilocybin in healthy humans. Journal of Psychopharmacology, 2021, 35, 459-468.	2.0	40
23	Change in prefrontal activity and executive functions after action-based cognitive remediation in bipolar disorder: a randomized controlled trial. Neuropsychopharmacology, 2021, 46, 1113-1121.	2.8	19
24	Effects of a single dose of psilocybin on behaviour, brain 5-HT2A receptor occupancy and gene expression in the pig. European Neuropsychopharmacology, 2021, 42, 1-11.	0.3	19
25	Prevalence of cognitive impairment and its relation to mental health in Danish lymphoma survivors. Supportive Care in Cancer, 2021, 29, 3319-3328.	1.0	5
26	A Single Dose of Psilocybin Increases Synaptic Density and Decreases 5-HT2A Receptor Density in the Pig Brain. International Journal of Molecular Sciences, 2021, 22, 835.	1.8	96
27	Reward processing in major depressive disorder and prediction of treatment response â€“ Neuropharm study. European Neuropsychopharmacology, 2021, 44, 23-33.	0.3	10
28	Default mode network functional connectivity negatively associated with trait openness to experience. Social Cognitive and Affective Neuroscience, 2021, 16, 950-961.	1.5	12
29	Assessment of the neuronal underpinnings of cognitive impairment in bipolar disorder with a picture encoding paradigm and methodological lessons learnt. Journal of Psychopharmacology, 2021, 35, 983-991.	2.0	6
30	Early stopping in clinical PET studies: How to reduce expense and exposure. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2805-2819.	2.4	1
31	A high-resolution in vivo atlas of the human brain's benzodiazepine binding site of GABAA receptors. NeuroImage, 2021, 232, 117878.	2.1	47
32	Trait aggression is associated with fiveâ€factor personality traits in males. Brain and Behavior, 2021, 11, e02175.	1.0	9
33	Structural brain abnormalities associated with cognitive impairments in bipolar disorder. Acta Psychiatrica Scandinavica, 2021, 144, 379-391.	2.2	8
34	Pretreatment qEEG biomarkers for predicting pharmacological treatment outcome in major depressive disorder: Independent validation from the NeuroPharm study. European Neuropsychopharmacology, 2021, 49, 101-112.	0.3	18
35	NeuroPharm study: EEG wakefulness regulation as a biomarker in MDD. Journal of Psychiatric Research, 2021, 141, 57-65.	1.5	12
36	Psilocybin-induced changes in brain network integrity and segregation correlate with plasma psilocin level and psychedelic experience. European Neuropsychopharmacology, 2021, 50, 121-132.	0.3	57

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37	The Modulatory Role of Serotonin on Human Impulsive Aggression. Biological Psychiatry, 2021, 90, 447-457.	0.7	33
38	Affective episodes in recently diagnosed patients with bipolar disorder associated with altered working memory-related prefrontal cortex activity: A longitudinal fMRI study. Journal of Affective Disorders, 2021, 295, 647-656.	2.0	8
39	Parkinson patients have a presynaptic serotonergic deficit: A dynamic deep brain stimulation PET study. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 0271678X2098238.	2.4	16
40	Reply to: Aberrant Brain Activity in Individuals With Psychopathy Links to Receptor Distribution, Gene Expression, and Behavior. Biological Psychiatry, 2021, , .	0.7	0
41	Synaptic Density and Neuronal Metabolic Function Measured by Positron Emission Tomography in the Unilateral 6-OHDA Rat Model of Parkinsonâ€™s Disease. Frontiers in Synaptic Neuroscience, 2021, 13, 715811.	1.3	16
42	P.0828 Psilocybin enhances emotional response to music in healthy individuals. European Neuropsychopharmacology, 2021, 53, S604-S605.	0.3	0
43	P.0692 Oral contraceptives and the serotonin 4 receptor in major depressive disorder: results from the NeuroPharm 1 study. European Neuropsychopharmacology, 2021, 53, S506-S507.	0.3	0
44	P.0593 Lasting effects of a single psilocybin dose on resting-state functional connectivity in healthy individuals. European Neuropsychopharmacology, 2021, 53, S433-S434.	0.3	0
45	P.0512 Brain serotonin transporter is associated with cognitive affective biases in healthy individuals. European Neuropsychopharmacology, 2021, 53, S377-S378.	0.3	1
46	P.0521 An fMRI-compatible system for targeted electrical stimulation. European Neuropsychopharmacology, 2021, 53, S384-S385.	0.3	0
47	P.0396 Cerebral serotonin 4 receptor binding positively associated with cortisol awakening response in untreated patients with depression: a neuropharm 1 study. European Neuropsychopharmacology, 2021, 53, S285.	0.3	0
48	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
49	Characterization of the serotonin 2A receptor selective PET tracer (R)-[18F]MH.MZ in the human brain. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 355-365.	3.3	6
50	The structure of the serotonin system: A PET imaging study. NeuroImage, 2020, 205, 116240.	2.1	17
51	Imaging HDACs In Vivo: Cross-Validation of the [11C]Martinostat Radioligand in the Pig Brain. Molecular Imaging and Biology, 2020, 22, 569-577.	1.3	7
52	Radiosynthesis and preclinical evaluation of [¹¹C]Cimbiâ€701 â€“ Towards the imaging of cerebral 5â€HT₇ receptors. Journal of Labelled Compounds and Radiopharmaceuticals, 2020, 63, 46-55.	0.5	3
53	Towards selective CNS PET imaging of the 5-HT7 receptor system: Past, present and future. Neuropharmacology, 2020, 172, 107830.	2.0	14
54	Serotonin release measured in the human brain: a PET study with [11C]CIMBI-36 and d-amphetamine challenge. Neuropsychopharmacology, 2020, 45, 804-810.	2.8	34

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55	P.310 Patients with major depressive disorder have lower cerebral serotonin 4 receptor binding than healthy controls. European Neuropsychopharmacology, 2020, 31, S53-S54.	0.3	2
56	Fragment-based labeling using condensation reactions of six potential 5-HT7R PET tracers. Journal of Radioanalytical and Nuclear Chemistry, 2020, 326, 1749-1762.	0.7	0
57	P.223 Link between Serotonin 4 receptor brain binding and cognitive disturbances in major depressive disorder: a NeuroPharm study. European Neuropsychopharmacology, 2020, 40, S127-S128.	0.3	0
58	P.383 Effect of Î²-adrenergic antagonists on the risk of alzheimer's disease amongst hypertensive patients: a nation-wide cohort study. European Neuropsychopharmacology, 2020, 40, S219-S220.	0.3	1
59	False positive rates in positron emission tomography (PET) voxelwise analyses. Journal of Cerebral Blood Flow and Metabolism, 2020, 41, 0271678X2097496.	2.4	5
60	Common <scp>HTR2A</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
61	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
62	Cognitive impairment and psychopathology in out-of-hospital cardiac arrest survivors in Denmark: The REVIVAL cohort study protocol. BMJ Open, 2020, 10, e038633.	0.8	6
63	Visual stimuli induce serotonin release in occipital cortex: A simultaneous positron emission tomography/magnetic resonance imaging study. Human Brain Mapping, 2020, 41, 4753-4763.	1.9	7
64	Haplotype of the astrocytic water channel AQP4 is associated with slow wave energy regulation in human NREM sleep. PLoS Biology, 2020, 18, e3000623.	2.6	39
65	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
66	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
67	Serotonin transporter gene (SLC6A4) variation and sensory processing sensitivityâ€”Comparison with other anxietyâ€related temperamental dimensions. Molecular Genetics & Genomic Medicine, 2020, 8, e1352.	0.6	14
68	A single psilocybin dose is associated with long-term increased mindfulness, preceded by a proportional change in neocortical 5-HT2A receptor binding. European Neuropsychopharmacology, 2020, 33, 71-80.	0.3	88
69	Glucagon-like peptide-1 receptor regulation of basal dopamine transporter activity is species-dependent. Neurochemistry International, 2020, 138, 104772.	1.9	11
70	Guidelines for the content and format of PET brain data in publications and archives: A consensus paper. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1576-1585.	2.4	47
71	In Vitro and In Vivo Characterization of Dibenzothiophene Derivatives [125I]Iodo-ASEM and [18F]ASEM as Radiotracers of Homo- and Heteromeric Î±7 Nicotinic Acetylcholine Receptors. Molecules, 2020, 25, 1425.	1.7	8
72	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

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73	Abnormal prefrontal cortex processing of reward prediction errors in recently diagnosed patients with bipolar disorder and their unaffected relatives. Bipolar Disorders, 2020, 22, 849-859.	1.1	4
74	Blocking of efflux transporters in rats improves translational validation of brain radioligands. EJNMMI Research, 2020, 10, 124.	1.1	12
75	Migraine is associated with high brain 5-HT levels as indexed by 5-HT₄receptor binding. Cephalalgia, 2019, 39, 526-532.	1.8	12
76	Human biodistribution and radiation dosimetry of the 5-HT2A receptor agonist Cimbi-36 labeled with carbon-11 in two positions. EJNMMI Research, 2019, 9, 71.	1.1	7
77	In vivo PET Imaging of [11C]CIMBI-5, a 5-HT2AR Agonist Radiotracer in Nonhuman Primates. Journal of Pharmacy and Pharmaceutical Sciences, 2019, 22, 352-364.	0.9	5
78	Radiolabeling and in vivo evaluation of [11C]AGH-44: a potential lead structure to develop a positron emission tomography radioligand for the 5-HT7 receptor. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 847-851.	0.7	1
79	Measuring endogenous changes in serotonergic neurotransmission with [11C]Cimbi-36 positron emission tomography in humans. Translational Psychiatry, 2019, 9, 134.	2.4	40
80	Microdosing psychedelics: More questions than answers? An overview and suggestions for future research. Journal of Psychopharmacology, 2019, 33, 1039-1057.	2.0	121
81	Psychedelic effects of psilocybin correlate with serotonin 2A receptor occupancy and plasma psilocin levels. Neuropsychopharmacology, 2019, 44, 1328-1334.	2.8	259
82	A new perspective for advanced positron emission tomographyâ€“based molecular imaging in neurodegenerative proteinopathies. Alzheimer's and Dementia, 2019, 15, 1081-1103.	0.4	16
83	Association Between Sumatriptan Treatment During a Migraine Attack and Central 5-HT_{1B} Receptor Binding. JAMA Neurology, 2019, 76, 834.	4.5	27
84	Synthesis and Pharmacological Evaluation of [¹¹C]4-Methoxy-N-[2-(thiophen-2-yl)imidazo[1,2-a]pyridin-3-yl]benzamide as a Brain Penetrant PET Ligand Selective for the Î´-Subunit-Containing Î³-Aminobutyric Acid Type A Receptors. ACS Omega, 2019, 4, 8846-8851.	1.6	7
85	Optimization of preprocessing strategies in Positron Emission Tomography (PET) neuroimaging: A [11C]DASB PET study. NeuroImage, 2019, 199, 466-479.	2.1	21
86	Application of advanced brain positron emission tomographyâ€“based molecular imaging for a biological framework in neurodegenerative proteinopathies. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 327-332.	1.2	9
87	Synthesis, Radiolabeling, and in Vitro and in Vivo Evaluation of [¹⁸F]ENL30: A Potential PET Radiotracer for the 5-HT₇ Receptor. ACS Omega, 2019, 4, 7344-7353.	1.6	10
88	Recreational use of psychedelics is associated with elevated personality trait openness: Exploration of associations with brain serotonin markers. Journal of Psychopharmacology, 2019, 33, 1068-1075.	2.0	37
89	Development and Evaluation of Two Potential 5-HT₇ Receptor PET Tracers: [¹⁸F]ENL09 and [¹⁸F]ENL10. ACS Chemical Neuroscience, 2019, 10, 3961-3968.	1.7	9
90	Improved radiosynthesis and preliminary in vivo evaluation of the 11C-labeled tetrazine [11C]AE-1 for pretargeted PET imaging. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 986-990.	1.0	16

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91	Psychometric Properties and Validation of the EMOTICOM Test Battery in a Healthy Danish Population. Frontiers in Psychology, 2019, 10, 2660.	1.1	10
92	P.361 Brain serotonin release reduced among patients with severe depression: a pet study with [11c]cimbi-36 and d-amphetamine challenge. European Neuropsychopharmacology, 2019, 29, S258.	0.3	1
93	P.553 5-HT4R binding is positively correlated with obsessive-compulsive features: a preliminary analysis in healthy volunteers. European Neuropsychopharmacology, 2019, 29, S388-S389.	0.3	0
94	P.870 Danes with seasonal affective disorder downregulate cerebral 5-HT4 receptors in the winter. European Neuropsychopharmacology, 2019, 29, S579-S580.	0.3	0
95	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
96	P.182 Imaging histone deacetylases in vivo: cross-validation of the [11C]Martinostat radiotracer in the pig brain. European Neuropsychopharmacology, 2019, 29, S139-S140.	0.3	0
97	P.188 Long-term effects of psilocybin on cerebral serotonin 2A receptor levels and personality. European Neuropsychopharmacology, 2019, 29, S144.	0.3	0
98	P.839 Modelling the acute temporal dynamics of psilocybin psychoactive effects; relation to brain serotonin 2a receptor levels. European Neuropsychopharmacology, 2019, 29, S558.	0.3	0
99	P.846 Genetic haplotype of the glymphatic-associated water channel aquaporin 4 modulates slow waves in human non-rapid eye movement sleep. European Neuropsychopharmacology, 2019, 29, S563-S564.	0.3	0
100	P.489 Resting-state default mode network functional connectivity associations with personality trait openness to experience. European Neuropsychopharmacology, 2019, 29, S343-S344.	0.3	0
101	P.325 Reward anticipation processing in major depressive disorder and prediction of treatment response - a functional magnetic resonance imaging study. European Neuropsychopharmacology, 2019, 29, S233.	0.3	0
102	Evaluation of [¹⁸F]2FP3 in pigs and nonâ€human primates. Journal of Labelled Compounds and Radiopharmaceuticals, 2019, 62, 34-42.	0.5	12
103	Trait Openness and serotonin 2A receptors in healthy volunteers: A positron emission tomography study. Human Brain Mapping, 2019, 40, 2117-2124.	1.9	8
104	Three weeks of SSRI administration enhances the visual perceptual threshold - a randomized placebo-controlled study. Psychopharmacology, 2019, 236, 1759-1769.	1.5	6
105	Cerebral serotonin transporter measurements with [¹¹C]DASB: A review on acquisition and preprocessing across 21 PET centres. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 210-222.	2.4	25
106	Amygdala reactivity to fearful faces correlates positively with impulsive aggression. Social Neuroscience, 2019, 14, 162-172.	0.7	18
107	Cortical modulation of pupillary function: systematic review. PeerJ, 2019, 7, e6882.	0.9	38
108	Automated pupillometry to detect command following in neurological patients: a proof-of-concept study. PeerJ, 2019, 7, e6929.	0.9	22

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109	The utility of employing accuracy-based behavioral measures, when conducting psychopharmacological research of attentional performance. Journal of Vision, 2019, 19, 279c.	0.1	0
110	Cerebral serotonin release correlates with [¹¹C]AZ10419369 PET measures of 5-HT_{1B} receptor binding in the pig brain. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1243-1252.	2.4	13
111	High brain serotonin levels in migraine between attacks: A 5-HT4 receptor binding PET study. NeuroImage: Clinical, 2018, 18, 97-102.	1.4	26
112	PET Imaging of the 5-HT2A Receptor System: A Tool to Study the Receptorâ€™s In Vivo Brain Function. , 2018, , 85-134.		5
113	Self-perceived personality characteristics in seasonal affective disorder and their implications for severity of depression. Psychiatry Research, 2018, 262, 108-114.	1.7	4
114	Amygdala response to emotional faces in seasonal affective disorder. Journal of Affective Disorders, 2018, 229, 288-295.	2.0	8
115	Five-factor personality is associated with aggression and mental distress in violent offenders. European Neuropsychopharmacology, 2018, 28, S35-S36.	0.3	4
116	Low 5-HT_{1B} receptor binding in the migraine brain: A PET study. Cephalalgia, 2018, 38, 519-527.	1.8	26
117	Men with high serotonin 1B receptor binding respond to provocations with heightened amygdala reactivity. NeuroImage, 2018, 166, 79-85.	2.1	15
118	The importance of small polar radiometabolites in molecular neuroimaging: A PET study with [¹¹C]Cimbi-36 labeled in two positions. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 659-668.	2.4	23
119	Automatic delineation of brain regions on MRI and PET images from the pig. Journal of Neuroscience Methods, 2018, 294, 51-58.	1.3	27
120	Consciousness in Neurocritical Care Cohort Study Using fMRI and EEG (CONNECT-ME): Protocol for a Longitudinal Prospective Study and a Tertiary Clinical Care Service. Frontiers in Neurology, 2018, 9, 1012.	1.1	12
121	Neuroticism predicts the impact of serotonin challenges on fear processing in subgenual anterior cingulate cortex. Scientific Reports, 2018, 8, 17889.	1.6	12
122	Influence of Strategic Cortical Infarctions on Pupillary Function. Frontiers in Neurology, 2018, 9, 916.	1.1	15
123	Effects of recombinant human erythropoietin on cognition and neural activity in remitted patients with mood disorders and first-degree relatives of patients with psychiatric disorders: a study protocol for a randomized controlled trial. Trials, 2018, 19, 611.	0.7	16
124	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
125	Pre-intervention test-retest reliability of EEG and ERP over four recording intervals. International Journal of Psychophysiology, 2018, 134, 30-43.	0.5	37
126	Effect of action-based cognitive remediation on cognition and neural activity in bipolar disorder: study protocol for a randomized controlled trial. Trials, 2018, 19, 487.	0.7	18

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127	Classics in Neuroimaging: The Serotonergic 2A Receptor Systemâ€"from Discovery to Modern Molecular Imaging. ACS Chemical Neuroscience, 2018, 9, 1226-1229.	1.7	10
128	Seasonality-resilient individuals downregulate their cerebral 5-HT transporter binding in winter â€“ A longitudinal combined 11C-DASB and 11C-SB207145 PET study. European Neuropsychopharmacology, 2018, 28, 1151-1160.	0.3	10
129	The Impact of Preprocessing Pipeline Choice in Univariate and Multivariate Analyses of PET Data. , 2018, , .		1
130	Does glucagon-like peptide-1 (GLP-1) receptor agonist stimulation reduce alcohol intake in patients with alcohol dependence: study protocol of a randomised, double-blinded, placebo-controlled clinical trial. BMJ Open, 2018, 8, e019562.	0.8	22
131	Low on energy? An energy supply-demand perspective on stress and depression. Neuroscience and Biobehavioral Reviews, 2018, 94, 248-270.	2.9	33
132	Serotonin 1B Receptor Binding Is Associated With Trait Anger and Level of Psychopathy in Violent Offenders. Biological Psychiatry, 2017, 82, 267-274.	0.7	41
133	Crowdsourcing for error detection in cortical surface delineations. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 161-166.	1.7	8
134	Cerebral 5-HT release correlates with [¹¹C]Cimbi36 PET measures of 5-HT2A receptor occupancy in the pig brain. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 425-434.	2.4	31
135	Serotonergic mechanisms in the migraine brain â€“ a systematic review. Cephalalgia, 2017, 37, 251-264.	1.8	68
136	Radiosynthesis and Evaluation of [¹¹C]3-Hydroxycyclopent-1-enecarboxylic Acid as Potential PET Ligand for the High-Affinity Î³-Hydroxybutyric Acid Binding Sites. ACS Chemical Neuroscience, 2017, 8, 22-27.	1.7	8
137	Cerebellar heterogeneity and its impact on PET data quantification of 5-HT receptor radioligands. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 3243-3252.	2.4	12
138	Functional MRI for Assessment of the Default Mode Network in Acute Brain Injury. Neurocritical Care, 2017, 27, 401-406.	1.2	37
139	Brain serotonin 4 receptor binding is inversely associated withÂverbal memory recall. Brain and Behavior, 2017, 7, e00674.	1.0	13
140	Genomeâ€wideâ€analyses of Listeria monocytogenes from foodâ€processing plants reveal clonal diversity and date the emergence of persisting sequence types. Environmental Microbiology Reports, 2017, 9, 428-440.	1.0	54
141	Anterior cingulate serotonin 1B receptor binding is associated with emotional response inhibition. Journal of Psychiatric Research, 2017, 92, 199-204.	1.5	9
142	Violent offenders respond to provocations with high amygdala and striatal reactivity. Social Cognitive and Affective Neuroscience, 2017, 12, 802-810.	1.5	61
143	Serotonergic neurotransmission in affective disorders. European Neuropsychopharmacology, 2017, 27, S48-S49.	0.3	0
144	Testosterone levels in healthy men correlate negatively with serotonin 4 receptor binding. Psychoneuroendocrinology, 2017, 81, 22-28.	1.3	28

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145	A High-Resolution In Vivo Atlas of the Human Brain's Serotonin System. Journal of Neuroscience, 2017, 37, 120-128.	1.7	8
146	Functional Characterization of 5-HT_{1B}Receptor Drugs in Nonhuman Primates Using Simultaneous PET-MR. Journal of Neuroscience, 2017, 37, 10671-10678.	1.7	16
147	Synthesis, radiofluorination, and preliminary evaluation of the potential 5â€HT_{2A} receptor agonists [¹⁸F]Cimbiâ€92 and [¹⁸F]Cimbiâ€150. Journal of Labelled Compounds and Radiopharmaceuticals, 2017, 60, 586-591.	0.5	2
148	Season-independent cognitive deficits in seasonal affective disorder and their relation to depressive symptoms. Psychiatry Research, 2017, 257, 219-226.	1.7	12
149	Aggressionâ€related brain function assessed with the Point Subtraction Aggression Paradigm in fMRI. Aggressive Behavior, 2017, 43, 601-610.	1.5	34
150	The Bipolar Illness Onset study: research protocol for the BIO cohort study. BMJ Open, 2017, 7, e015462.	0.8	119
151	A High-ResolutionIn VivoAtlas of the Human Brain's Serotonin System. Journal of Neuroscience, 2017, 37, 120-128.	1.7	262
152	The Variability of Translocator Protein Signal in Brain and Blood of Genotyped Healthy Humans Using In Vivo ¹²³I-CLINDE SPECT Imaging: A Testâ€"Retest Study. Journal of Nuclear Medicine, 2017, 58, 989-995.	2.8	7
153	Pharmacologically Induced Sex Hormone Fluctuation Effects on Resting-State Functional Connectivity in a Risk Model for Depression: A Randomized Trial. Neuropsychopharmacology, 2017, 42, 446-453.	2.8	31
154	Development of a simple proton nuclear magnetic resonance-based procedure to estimate the approximate distribution coefficient at physiological pH (log D 7.4): Evaluation and comparison to existing practices. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 319-322.	1.0	5
155	Fenfluramine Reduces [11C]Cimbi-36 Binding to the 5-HT2A Receptor in the Nonhuman Primate Brain. International Journal of Neuropsychopharmacology, 2017, 20, 683-691.	1.0	25
156	Neuroticism Associates with Cerebral in Vivo Serotonin Transporter Binding Differently in Males and Females. International Journal of Neuropsychopharmacology, 2017, 20, 963-970.	1.0	19
157	The Influence of the Toxin/Antitoxin mazEF on Growth and Survival of Listeria monocytogenes under Stress. Toxins, 2017, 9, 31.	1.5	32
158	Brain Networks Implicated in Seasonal Affective Disorder: A Neuroimaging PET Study of the Serotonin Transporter. Frontiers in Neuroscience, 2017, 11, 614.	1.4	9
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