

# Gitte Moos Knudsen

## List of Publications by Year in descending order

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Version: 2024-02-01

501  
papers

20,227  
citations

17776

65  
h-index

25230

113  
g-index

576  
all docs

576  
docs citations

576  
times ranked

20038  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bloodâ€‘brain barrier permeable $\beta$ -blockers linked to lower risk of Alzheimerâ€™s disease in hypertension. <i>Brain</i> , 2023, 146, 1141-1151.	3.7	30
2	Sustained effects of single doses of classical psychedelics in humans. <i>Neuropsychopharmacology</i> , 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. <i>Bipolar Disorders</i> , 2022, 24, 69-81.	1.1	16
4	Lasting effects of a single psilocybin dose on resting-state functional connectivity in healthy individuals. <i>Journal of Psychopharmacology</i> , 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. <i>Psychiatry Research - Neuroimaging</i> , 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. <i>European Neuropsychopharmacology</i> , 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 <i>Egr3</i> . <i>Molecular Psychiatry</i> , 2022, 27, 1599-1610.	4.1	8
8	PET-BIDS, an extension to the brain imaging data structure for positron emission tomography. <i>Scientific Data</i> , 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. <i>Frontiers in Endocrinology</i> , 2022, 13, 799675.	1.5	5
10	An in vivo Pig Model for Testing Novel Positron Emission Tomography Radioligands Targeting Cerebral Protein Aggregates. <i>Frontiers in Neuroscience</i> , 2022, 16, 847074.	1.4	3
11	Psilocybin-Induced Mystical-Type Experiences are Related to Persisting Positive Effects: A Quantitative and Qualitative Report. <i>Frontiers in Pharmacology</i> , 2022, 13, 841648.	1.6	29
12	Neural underpinnings of emotion regulation subgroups in remitted patients with recently diagnosed bipolar disorder. <i>European Neuropsychopharmacology</i> , 2022, 60, 7-18.	0.3	6
13	Psychedelic resting-state neuroimaging: A review and perspective on balancing replication and novel analyses. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 138, 104689.	2.9	45
14	Systemic DNA and RNA damage from oxidation after serotonergic treatment of unipolar depression. <i>Translational Psychiatry</i> , 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. <i>Brain Sciences</i> , 2022, 12, 654.	1.1	1
16	Emotional faces processing in major depressive disorder and prediction of antidepressant treatment response: A NeuroPharm study. <i>Journal of Psychopharmacology</i> , 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. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	7
18	An fMRI-compatible system for targeted electrical stimulation. <i>Journal of Neuroscience Methods</i> , 2022, 378, 109659.	1.3	0

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19	Trajectory of aberrant reward processing in patients with bipolar disorder – A longitudinal fMRI study. <i>Journal of Affective Disorders</i> , 2022, 312, 235-244.	2.0	4
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.	2.8	10
21	Plasma psilocin critically determines behavioral and neurobiological effects of psilocybin. <i>Neuropsychopharmacology</i> , 2021, 46, 257-258.	2.8	9
22	Brain serotonin 2A receptor binding predicts subjective temporal and mystical effects of psilocybin in healthy humans. <i>Journal of Psychopharmacology</i> , 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. <i>Neuropsychopharmacology</i> , 2021, 46, 1113-1121.	2.8	19
24	Effects of a single dose of psilocybin on behaviour, brain 5-HT <sub>2A</sub> receptor occupancy and gene expression in the pig. <i>European Neuropsychopharmacology</i> , 2021, 42, 1-11.	0.3	19
25	Prevalence of cognitive impairment and its relation to mental health in Danish lymphoma survivors. <i>Supportive Care in Cancer</i> , 2021, 29, 3319-3328.	1.0	5
26	A Single Dose of Psilocybin Increases Synaptic Density and Decreases 5-HT <sub>2A</sub> Receptor Density in the Pig Brain. <i>International Journal of Molecular Sciences</i> , 2021, 22, 835.	1.8	96
27	Reward processing in major depressive disorder and prediction of treatment response – Neuropharm study. <i>European Neuropsychopharmacology</i> , 2021, 44, 23-33.	0.3	10
28	Default mode network functional connectivity negatively associated with trait openness to experience. <i>Social Cognitive and Affective Neuroscience</i> , 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. <i>Journal of Psychopharmacology</i> , 2021, 35, 983-991.	2.0	6
30	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.	2.4	1
31	A high-resolution in vivo atlas of the human brain's benzodiazepine binding site of GABA <sub>A</sub> receptors. <i>NeuroImage</i> , 2021, 232, 117878.	2.1	47
32	Trait aggression is associated with five-factor personality traits in males. <i>Brain and Behavior</i> , 2021, 11, e02175.	1.0	9
33	Structural brain abnormalities associated with cognitive impairments in bipolar disorder. <i>Acta Psychiatrica Scandinavica</i> , 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. <i>European Neuropsychopharmacology</i> , 2021, 49, 101-112.	0.3	18
35	NeuroPharm study: EEG wakefulness regulation as a biomarker in MDD. <i>Journal of Psychiatric Research</i> , 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. <i>European Neuropsychopharmacology</i> , 2021, 50, 121-132.	0.3	57

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37	The Modulatory Role of Serotonin on Human Impulsive Aggression. <i>Biological Psychiatry</i> , 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. <i>Journal of Affective Disorders</i> , 2021, 295, 647-656.	2.0	8
39	Parkinson patients have a presynaptic serotonergic deficit: A dynamic deep brain stimulation PET study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2098238.	2.4	16
40	Reply to: Aberrant Brain Activity in Individuals With Psychopathy Links to Receptor Distribution, Gene Expression, and Behavior. <i>Biological Psychiatry</i> , 2021, , .	0.7	0
41	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.	1.3	16
42	P.0828 Psilocybin enhances emotional response to music in healthy individuals. <i>European Neuropsychopharmacology</i> , 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. <i>European Neuropsychopharmacology</i> , 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. <i>European Neuropsychopharmacology</i> , 2021, 53, S433-S434.	0.3	0
45	P.0512 Brain serotonin transporter is associated with cognitive affective biases in healthy individuals. <i>European Neuropsychopharmacology</i> , 2021, 53, S377-S378.	0.3	1
46	P.0521 An fMRI-compatible system for targeted electrical stimulation. <i>European Neuropsychopharmacology</i> , 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. <i>European Neuropsychopharmacology</i> , 2021, 53, S285.	0.3	0
48	Different preprocessing strategies lead to different conclusions: A [11C]DASB-PET reproducibility study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 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. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 355-365.	3.3	6
50	The structure of the serotonin system: A PET imaging study. <i>NeuroImage</i> , 2020, 205, 116240.	2.1	17
51	Imaging HDACs In Vivo: Cross-Validation of the [11C]Martinostat Radioligand in the Pig Brain. <i>Molecular Imaging and Biology</i> , 2020, 22, 569-577.	1.3	7
52	Radiosynthesis and preclinical evaluation of [ <sup>11</sup> C]Cimbi-701 – Towards the imaging of cerebral 5-HT <sub>7</sub> receptors. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2020, 63, 46-55.	0.5	3
53	Towards selective CNS PET imaging of the 5-HT <sub>7</sub> receptor system: Past, present and future. <i>Neuropharmacology</i> , 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. <i>Neuropsychopharmacology</i> , 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. <i>European Neuropsychopharmacology</i> , 2020, 31, S53-S54.	0.3	2
56	Fragment-based labeling using condensation reactions of six potential 5-HT <sub>7</sub> R PET tracers. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 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. <i>European Neuropsychopharmacology</i> , 2020, 40, S127-S128.	0.3	0
58	P.383 Effect of $\beta$ -adrenergic antagonists on the risk of alzheimer's disease amongst hypertensive patients: a nation-wide cohort study. <i>European Neuropsychopharmacology</i> , 2020, 40, S219-S220.	0.3	1
59	False positive rates in positron emission tomography (PET) voxelwise analyses. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 41, 0271678X2097496.	2.4	5
60	Common <i>HTR2A</i> variants and <i>5-HTTLPR</i> are not associated with human in vivo serotonin <i>2A</i> receptor levels. <i>Human Brain Mapping</i> , 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. <i>Frontiers in Psychiatry</i> , 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. <i>BMJ Open</i> , 2020, 10, e038633.	0.8	6
63	Visual stimuli induce serotonin release in occipital cortex: A simultaneous positron emission tomography/magnetic resonance imaging study. <i>Human Brain Mapping</i> , 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. <i>PLoS Biology</i> , 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. <i>Frontiers in Pharmacology</i> , 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. <i>Frontiers in Psychology</i> , 2020, 11, 961.	1.1	6
67	Serotonin transporter gene ( <i>SLC6A4</i> ) variation and sensory processing sensitivity: Comparison with other anxiety-related temperamental dimensions. <i>Molecular Genetics &amp; Genomic Medicine</i> , 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-HT <sub>2A</sub> receptor binding. <i>European Neuropsychopharmacology</i> , 2020, 33, 71-80.	0.3	88
69	Glucagon-like peptide-1 receptor regulation of basal dopamine transporter activity is species-dependent. <i>Neurochemistry International</i> , 2020, 138, 104772.	1.9	11
70	Guidelines for the content and format of PET brain data in publications and archives: A consensus paper. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1576-1585.	2.4	47
71	In Vitro and In Vivo Characterization of Dibenzothiophene Derivatives [ <sup>125</sup> I]Iodo-ASEM and [ <sup>18</sup> F]ASEM as Radiotracers of Homo- and Heteromeric $\beta$ 7 Nicotinic Acetylcholine Receptors. <i>Molecules</i> , 2020, 25, 1425.	1.7	8
72	Dynamic coupling of whole-brain neuronal and neurotransmitter systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 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. <i>Bipolar Disorders</i> , 2020, 22, 849-859.	1.1	4
74	Blocking of efflux transporters in rats improves translational validation of brain radioligands. <i>EJNMMI Research</i> , 2020, 10, 124.	1.1	12
75	Migraine is associated with high brain 5-HT <sub>4</sub> receptor binding. <i>Cephalalgia</i> , 2019, 39, 526-532.	1.8	12
76	Human biodistribution and radiation dosimetry of the 5-HT <sub>2A</sub> receptor agonist Cimbi-36 labeled with carbon-11 in two positions. <i>EJNMMI Research</i> , 2019, 9, 71.	1.1	7
77	In vivo PET Imaging of [ <sup>11</sup> C]CIMBI-5, a 5-HT <sub>2A</sub> Agonist Radiotracer in Nonhuman Primates. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2019, 22, 352-364.	0.9	5
78	Radiolabeling and in vivo evaluation of [ <sup>11</sup> C]AGH-44: a potential lead structure to develop a positron emission tomography radioligand for the 5-HT <sub>7</sub> receptor. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 847-851.	0.7	1
79	Measuring endogenous changes in serotonergic neurotransmission with [ <sup>11</sup> C]Cimbi-36 positron emission tomography in humans. <i>Translational Psychiatry</i> , 2019, 9, 134.	2.4	40
80	Microdosing psychedelics: More questions than answers? An overview and suggestions for future research. <i>Journal of Psychopharmacology</i> , 2019, 33, 1039-1057.	2.0	121
81	Psychedelic effects of psilocybin correlate with serotonin 2A receptor occupancy and plasma psilocin levels. <i>Neuropsychopharmacology</i> , 2019, 44, 1328-1334.	2.8	259
82	A new perspective for advanced positron emission tomography-based molecular imaging in neurodegenerative proteinopathies. <i>Alzheimer's and Dementia</i> , 2019, 15, 1081-1103.	0.4	16
83	Association Between Sumatriptan Treatment During a Migraine Attack and Central 5-HT <sub>1B</sub> Receptor Binding. <i>JAMA Neurology</i> , 2019, 76, 834.	4.5	27
84	Synthesis and Pharmacological Evaluation of [ <sup>11</sup> C]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 <sup>1</sup> -Subunit-Containing Î <sup>3</sup> -Aminobutyric Acid Type A Receptors. <i>ACS Omega</i> , 2019, 4, 8846-8851.	1.6	7
85	Optimization of preprocessing strategies in Positron Emission Tomography (PET) neuroimaging: A [ <sup>11</sup> C]DASB PET study. <i>NeuroImage</i> , 2019, 199, 466-479.	2.1	21
86	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.	1.2	9
87	Synthesis, Radiolabeling, and in Vitro and in Vivo Evaluation of [ <sup>18</sup> F]ENL30: A Potential PET Radiotracer for the 5-HT <sub>7</sub> Receptor. <i>ACS Omega</i> , 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. <i>Journal of Psychopharmacology</i> , 2019, 33, 1068-1075.	2.0	37
89	Development and Evaluation of Two Potential 5-HT <sub>7</sub> Receptor PET Tracers: [ <sup>18</sup> F]ENL09 and [ <sup>18</sup> F]ENL10. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3961-3968.	1.7	9
90	Improved radiosynthesis and preliminary in vivo evaluation of the 11C-labeled tetrazine [ <sup>11</sup> C]AE-1 for pretargeted PET imaging. <i>Bioorganic and Medicinal Chemistry Letters</i> , 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. <i>Frontiers in Psychology</i> , 2019, 10, 2660.	1.1	10
92	P.361 Brain serotonin release reduced among patients with severe depression: a pet study with [ <sup>11</sup> C]cimbi-36 and d-amphetamine challenge. <i>European Neuropsychopharmacology</i> , 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. <i>European Neuropsychopharmacology</i> , 2019, 29, S388-S389.	0.3	0
94	P.870 Danes with seasonal affective disorder downregulate cerebral 5-HT4 receptors in the winter. <i>European Neuropsychopharmacology</i> , 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. <i>European Neuropsychopharmacology</i> , 2019, 29, S215.	0.3	0
96	P.182 Imaging histone deacetylases in vivo: cross-validation of the [ <sup>11</sup> C]Martinostat radiotracer in the pig brain. <i>European Neuropsychopharmacology</i> , 2019, 29, S139-S140.	0.3	0
97	P.188 Long-term effects of psilocybin on cerebral serotonin 2A receptor levels and personality. <i>European Neuropsychopharmacology</i> , 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. <i>European Neuropsychopharmacology</i> , 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. <i>European Neuropsychopharmacology</i> , 2019, 29, S563-S564.	0.3	0
100	P.489 Resting-state default mode network functional connectivity associations with personality trait openness to experience. <i>European Neuropsychopharmacology</i> , 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. <i>European Neuropsychopharmacology</i> , 2019, 29, S233.	0.3	0
102	Evaluation of [ <sup>18</sup> F]2FP3 in pigs and non-human primates. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019, 62, 34-42.	0.5	12
103	Trait Openness and serotonin 2A receptors in healthy volunteers: A positron emission tomography study. <i>Human Brain Mapping</i> , 2019, 40, 2117-2124.	1.9	8
104	Three weeks of SSRI administration enhances the visual perceptual threshold - a randomized placebo-controlled study. <i>Psychopharmacology</i> , 2019, 236, 1759-1769.	1.5	6
105	Cerebral serotonin transporter measurements with [ <sup>11</sup> 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.	2.4	25
106	Amygdala reactivity to fearful faces correlates positively with impulsive aggression. <i>Social Neuroscience</i> , 2019, 14, 162-172.	0.7	18
107	Cortical modulation of pupillary function: systematic review. <i>PeerJ</i> , 2019, 7, e6882.	0.9	38
108	Automated pupillometry to detect command following in neurological patients: a proof-of-concept study. <i>PeerJ</i> , 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. <i>Journal of Vision</i> , 2019, 19, 279c.	0.1	0
110	Cerebral serotonin release correlates with [ <sup>11</sup> C]AZ10419369 PET measures of 5-HT <sub>1B</sub> receptor binding in the pig brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1243-1252.	2.4	13
111	High brain serotonin levels in migraine between attacks: A 5-HT <sub>4</sub> receptor binding PET study. <i>NeuroImage: Clinical</i> , 2018, 18, 97-102.	1.4	26
112	PET Imaging of the 5-HT <sub>2A</sub> Receptor System: A Tool to Study the Receptor'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. <i>Psychiatry Research</i> , 2018, 262, 108-114.	1.7	4
114	Amygdala response to emotional faces in seasonal affective disorder. <i>Journal of Affective Disorders</i> , 2018, 229, 288-295.	2.0	8
115	Five-factor personality is associated with aggression and mental distress in violent offenders. <i>European Neuropsychopharmacology</i> , 2018, 28, S35-S36.	0.3	4
116	Low 5-HT <sub>1B</sub> receptor binding in the migraine brain: A PET study. <i>Cephalalgia</i> , 2018, 38, 519-527.	1.8	26
117	Men with high serotonin 1B receptor binding respond to provocations with heightened amygdala reactivity. <i>NeuroImage</i> , 2018, 166, 79-85.	2.1	15
118	The importance of small polar radiometabolites in molecular neuroimaging: A PET study with [ <sup>11</sup> C]Cimbi-36 labeled in two positions. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 659-668.	2.4	23
119	Automatic delineation of brain regions on MRI and PET images from the pig. <i>Journal of Neuroscience Methods</i> , 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. <i>Frontiers in Neurology</i> , 2018, 9, 1012.	1.1	12
121	Neuroticism predicts the impact of serotonin challenges on fear processing in subgenual anterior cingulate cortex. <i>Scientific Reports</i> , 2018, 8, 17889.	1.6	12
122	Influence of Strategic Cortical Infarctions on Pupillary Function. <i>Frontiers in Neurology</i> , 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. <i>Trials</i> , 2018, 19, 611.	0.7	16
124	Whole-Brain Multimodal Neuroimaging Model Using Serotonin Receptor Maps Explains Non-linear Functional Effects of LSD. <i>Current Biology</i> , 2018, 28, 3065-3074.e6.	1.8	159
125	Pre-intervention test-retest reliability of EEG and ERP over four recording intervals. <i>International Journal of Psychophysiology</i> , 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. <i>Trials</i> , 2018, 19, 487.	0.7	18



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127	Classics in Neuroimaging: The Serotonergic 2A Receptor System—From Discovery to Modern Molecular Imaging. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1226-1229.	1.7	10
128	Seasonality-resilient individuals downregulate their cerebral 5-HT transporter binding in winter — A longitudinal combined 11C-DASB and 11C-SB207145 PET study. <i>European Neuropsychopharmacology</i> , 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. <i>BMJ Open</i> , 2018, 8, e019562.	0.8	22
131	Low on energy? An energy supply-demand perspective on stress and depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 94, 248-270.	2.9	33
132	Serotonin 1B Receptor Binding Is Associated With Trait Anger and Level of Psychopathy in Violent Offenders. <i>Biological Psychiatry</i> , 2017, 82, 267-274.	0.7	41
133	Crowdsourcing for error detection in cortical surface delineations. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 161-166.	1.7	8
134	Cerebral 5-HT release correlates with [ <sup>11</sup> C]Cimbi36 PET measures of 5-HT <sub>2A</sub> receptor occupancy in the pig brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 425-434.	2.4	31
135	Serotonergic mechanisms in the migraine brain — a systematic review. <i>Cephalalgia</i> , 2017, 37, 251-264.	1.8	68
136	Radiosynthesis and Evaluation of [ <sup>11</sup> C]3-Hydroxycyclopent-1-enecarboxylic Acid as Potential PET Ligand for the High-Affinity <sup>13</sup> -Hydroxybutyric Acid Binding Sites. <i>ACS Chemical Neuroscience</i> , 2017, 8, 22-27.	1.7	8
137	Cerebellar heterogeneity and its impact on PET data quantification of 5-HT receptor radioligands. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3243-3252.	2.4	12
138	Functional MRI for Assessment of the Default Mode Network in Acute Brain Injury. <i>Neurocritical Care</i> , 2017, 27, 401-406.	1.2	37
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