

William G Frankle

List of Publications by Year in descending order

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2,698
citations

257450

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38
docs citations

38
times ranked

3536
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased Synaptic Dopamine Function in Associative Regions of the Striatum in Schizophrenia. Archives of General Psychiatry, 2010, 67, 231.	12.3	468
2	Cocaine Dependence and D2 Receptor Availability in the Functional Subdivisions of the Striatum: Relationship with Cocaine-Seeking Behavior. Neuropsychopharmacology, 2004, 29, 1190-1202.	5.4	261
3	Brain Serotonin Transporter Distribution in Subjects With Impulsive Aggressivity: A Positron Emission Study With [¹¹ C]McN 5652. American Journal of Psychiatry, 2005, 162, 915-923.	7.2	246
4	COMT genotype predicts cortical-limbic D1 receptor availability measured with [11C]NNC112 and PET. Molecular Psychiatry, 2008, 13, 821-827.	7.9	182
5	Altered Prefrontal Dopaminergic Function in Chronic Recreational Ketamine Users. American Journal of Psychiatry, 2005, 162, 2352-2359.	7.2	149
6	Positron emission tomography imaging of amphetamine-induced dopamine release in the human cortex: A comparative evaluation of the high affinity dopamine D _{2/3} radiotracers [¹¹ C]FLB 457 and [¹¹ C]fallypride. Synapse, 2009, 63, 447-461.	1.2	127
7	Comparative evaluation of serotonin transporter radioligands 11C-DASB and 11C-McN 5652 in healthy humans. Journal of Nuclear Medicine, 2004, 45, 682-94.	5.0	114
8	In Vivo Measurement of GABA Transmission in Healthy Subjects and Schizophrenia Patients. American Journal of Psychiatry, 2015, 172, 1148-1159.	7.2	92
9	A Comparative Evaluation of the Dopamine D _{2/3} Agonist Radiotracer [¹¹ C](<i>α</i>)-N-Propyl-norapomorphine and Antagonist [¹¹ C]Raclopride to Measure Amphetamine-Induced Dopamine Release in the Human Striatum. Journal of Pharmacology and Experimental Therapeutics, 2010, 333, 533-539.	2.5	78
10	Tiagabine Increases [11C]flumazenil Binding in Cortical Brain Regions in Healthy Control Subjects. Neuropsychopharmacology, 2009, 34, 624-633.	5.4	70
11	Estimation of serotonin transporter parameters with 11C-DASB in healthy humans: reproducibility and comparison of methods. Journal of Nuclear Medicine, 2006, 47, 815-26.	5.0	69
12	Serotonin Transporter Availability in Patients with Schizophrenia: A Positron Emission Tomography Imaging Study with [11C]DASB. Biological Psychiatry, 2005, 57, 1510-1516.	1.3	64
13	Serotonin 1A receptor availability in patients with schizophrenia and schizo-affective disorder: a positron emission tomography imaging study with [11C]WAY 100635. Psychopharmacology, 2006, 189, 155-164.	3.1	60
14	Decreased Prefrontal Cortical Dopamine Transmission in Alcoholism. American Journal of Psychiatry, 2014, 171, 881-888.	7.2	55
15	Neuroreceptor imaging in psychiatric disorders. Annals of Nuclear Medicine, 2002, 16, 437-446.	2.2	54
16	[11C]NNC 112 Selectivity for Dopamine D1 and Serotonin 5-HT _{2A} Receptors: A PET Study in Healthy Human Subjects. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 1733-1741.	4.3	47
17	In Vivo Evidence for Low Striatal Vesicular Monoamine Transporter 2 (VMAT2) Availability in Cocaine Abusers. American Journal of Psychiatry, 2012, 169, 55-63.	7.2	44
18	The 5-HT _{2A} receptor and serotonin transporter in Asperger's Disorder: A PET study with [11C]MDL 100907 and [11C]DASB. Psychiatry Research - Neuroimaging, 2011, 194, 230-234.	1.8	41

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19	Positron emission tomography imaging of dopamine D _{2/3} receptors in the human cortex with [¹¹ C]FLB 457: Reproducibility studies. <i>Synapse</i> , 2011, 65, 35-40.	1.2	41
20	[¹¹ C]flumazenil Binding Is Increased in a Dose-Dependent Manner with Tiagabine-Induced Elevations in GABA Levels. <i>PLoS ONE</i> , 2012, 7, e32443.	2.5	37
21	Evaluation of dopamine D _{2/3} -specific binding in the cerebellum for the positron emission tomography radiotracer [¹¹ C]FLB 457: Implications for measuring cortical dopamine release. <i>Synapse</i> , 2011, 65, 991-997.	1.2	35
22	Comment on Analyses and Conclusions of “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, 536-537.	7.2	26
23	Neuroreceptor Imaging Studies in Schizophrenia. <i>Harvard Review of Psychiatry</i> , 2007, 15, 212-232.	2.1	24
24	Positron emission tomography imaging of D _{2/3} agonist binding in healthy human subjects with the radiotracer [¹¹ C]N-propyl- α -norapomorphine: Preliminary evaluation and reproducibility studies. <i>Synapse</i> , 2009, 63, 574-584.	1.2	24
25	Amphetamine-Induced Striatal Dopamine Release Measured With an Agonist Radiotracer in Schizophrenia. <i>Biological Psychiatry</i> , 2018, 83, 707-714.	1.3	24
26	Prefrontal and Striatal Dopamine Release Are Inversely Correlated in Schizophrenia. <i>Biological Psychiatry</i> , 2022, 92, 791-799.	1.3	17
27	Neuroreceptor Imaging in Psychiatry: Theory and Applications. <i>International Review of Neurobiology</i> , 2005, 67, 385-440.	2.0	15
28	In-patient psychiatry management of COVID-19: rates of asymptomatic infection and on-unit transmission. <i>BJPsych Open</i> , 2020, 6, e99.	0.7	15
29	No effect of dopamine depletion on the binding of the high-affinity D _{2/3} radiotracer [¹¹ C]FLB 457 in the human cortex. <i>Synapse</i> , 2010, 64, 879-885.	1.2	14
30	Measurement of the serotonin 1A receptor availability in patients with schizophrenia during treatment with the antipsychotic medication ziprasidone. <i>Journal of Psychopharmacology</i> , 2011, 25, 734-743.	4.0	9
31	Brain translocator protein occupancy by ONO-2952 in healthy adults: A Phase 1 PET study using [¹¹ C]PBR28. <i>Synapse</i> , 2017, 71, e21970.	1.2	7
32	An open-label positron emission tomography study to evaluate serotonin transporter occupancy following escalating dosing regimens of (R)- <i>O</i> -desmethylvenlafaxine and racemic <i>O</i> -desmethylvenlafaxine. <i>Synapse</i> , 2018, 72, e22021.	1.2	6
33	Distinguishing Schizophrenia Subtypes: Can Dopamine Imaging Improve the Signal-to-Noise Ratio?. <i>Biological Psychiatry</i> , 2020, 87, 197-199.	1.3	6
34	Imaging Cortical Dopamine Transmission in Cocaine Dependence: A [¹¹ C]FLB 457 “Amphetamine Positron Emission Tomography Study. <i>Biological Psychiatry</i> , 2020, 88, 788-796.	1.3	5
35	Cortical Dopamine Transmission as Measured with the [¹¹ C]FLB 457 “Amphetamine PET Imaging Paradigm Is Not Influenced by COMT Genotype. <i>PLoS ONE</i> , 2016, 11, e0157867.	2.5	5
36	Failure to detect amphetamine-induced dopamine release in the cortex with [¹¹ C]FLB 457 positron emission tomography (PET): Methodological considerations. <i>Synapse</i> , 2018, 72, e22037.	1.2	4