

# Rajesh Narendran

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4450801/publications.pdf>

Version: 2024-02-01

51  
papers

2,562  
citations

257450

24  
h-index

189892

50  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2965  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amphetamine-Induced Dopamine Release: Markedly Blunted in Cocaine Dependence and Predictive of the Choice to Self-Administer Cocaine. <i>American Journal of Psychiatry</i> , 2007, 164, 622-629.	7.2	345
2	Deficits in Prefrontal Cortical and Extrastriatal Dopamine Release in Schizophrenia. <i>JAMA Psychiatry</i> , 2015, 72, 316.	11.0	304
3	Dopamine (D2/3) receptor agonist positron emission tomography radiotracer [ <sup>11</sup> C]-(+)-PHNO is a D3 receptor preferring agonist in vivo. <i>Synapse</i> , 2006, 60, 485-495.	1.2	159
4	Altered Prefrontal Dopaminergic Function in Chronic Recreational Ketamine Users. <i>American Journal of Psychiatry</i> , 2005, 162, 2352-2359.	7.2	149
5	Lower Level of Endogenous Dopamine in Patients With Cocaine Dependence: Findings From PET Imaging of D <sub>2</sub> /D <sub>3</sub> Receptors Following Acute Dopamine Depletion. <i>American Journal of Psychiatry</i> , 2009, 166, 1170-1177.	7.2	148
6	In vivo vulnerability to competition by endogenous dopamine: Comparison of the D2 receptor agonist radiotracer (-)-N-[ <sup>11</sup> C]propyl-norapomorphine ([ <sup>11</sup> C]NPA) with the D2 receptor antagonist radiotracer [ <sup>11</sup> C]-raclopride. <i>Synapse</i> , 2004, 52, 188-208.	1.2	145
7	Positron emission tomography imaging of amphetamine-induced dopamine release in the human cortex: A comparative evaluation of the high affinity dopamine D <sub>2/3</sub> radiotracers [ <sup>11</sup> C]FLB 457 and [ <sup>11</sup> C]fallypride. <i>Synapse</i> , 2009, 63, 447-461.	1.2	127
8	In Vivo Measurement of GABA Transmission in Healthy Subjects and Schizophrenia Patients. <i>American Journal of Psychiatry</i> , 2015, 172, 1148-1159.	7.2	92
9	Cocaine abuse and sensitization of striatal dopamine transmission: A critical review of the preclinical and clinical imaging literature. <i>Synapse</i> , 2008, 62, 851-869.	1.2	81
10	A Comparative Evaluation of the Dopamine D <sub>2/3</sub> Agonist Radiotracer [ <sup>11</sup> C]( $\alpha^*$ )-N-Propyl-norapomorphine and Antagonist [ <sup>11</sup> C]Raclopride to Measure Amphetamine-Induced Dopamine Release in the Human Striatum. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 333, 533-539.	2.5	78
11	Prefrontal Response and Frontostriatal Functional Connectivity to Monetary Reward in Abstinent Alcohol-Dependent Young Adults. <i>PLoS ONE</i> , 2014, 9, e94640.	2.5	69
12	Estimation of serotonin transporter parameters with <sup>11</sup> C-DASB in healthy humans: reproducibility and comparison of methods. <i>Journal of Nuclear Medicine</i> , 2006, 47, 815-26.	5.0	69
13	Measurement of the Proportion of D2 Receptors Configured in State of High Affinity for Agonists in Vivo: A Positron Emission Tomography Study Using [ <sup>11</sup> C]N-Propyl-norapomorphine and [ <sup>11</sup> C]Raclopride in Baboons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 315, 80-90.	2.5	57
14	Decreased Prefrontal Cortical Dopamine Transmission in Alcoholism. <i>American Journal of Psychiatry</i> , 2014, 171, 881-888.	7.2	55
15	Cocaine Abuse in Humans Is Not Associated with Increased Microglial Activation: An 18-kDa Translocator Protein Positron Emission Tomography Imaging Study with [ <sup>11</sup> C]PBR28. <i>Journal of Neuroscience</i> , 2014, 34, 9945-9950.	3.6	55
16	Amphetamine induced dopamine release increases anxiety in individuals recovered from anorexia nervosa. <i>International Journal of Eating Disorders</i> , 2012, 45, 263-271.	4.0	47
17	In Vivo Evidence for Low Striatal Vesicular Monoamine Transporter 2 (VMAT2) Availability in Cocaine Abusers. <i>American Journal of Psychiatry</i> , 2012, 169, 55-63.	7.2	44
18	Imaging Neurotransmitter Release by Drugs of Abuse. <i>Current Topics in Behavioral Neurosciences</i> , 2010, 3, 219-245.	1.7	41

#	ARTICLE	IF	CITATIONS
19	Positron emission tomography imaging of dopamine D2/3 receptors in the human cortex with [ <sup>11</sup> C]FLB 457: Reproducibility studies. <i>Synapse</i> , 2011, 65, 35-40.	1.2	41
20	Evaluation of dopamine D <sub>2/3</sub> -specific binding in the cerebellum for the positron emission tomography radiotracer [ <sup>11</sup> C]FLB 457: Implications for measuring cortical dopamine release. <i>Synapse</i> , 2011, 65, 991-997.	1.2	35
21	Amphetamine-induced dopamine release: Duration of action as assessed with the D2/3 receptor agonist radiotracer (â€“(â€“)N-[ <sup>11</sup> C]propyl-norapomorphine ([ <sup>11</sup> C]NPA) in an anesthetized nonhuman primate. <i>Synapse</i> , 2007, 61, 106-109.	1.2	30
22	Imaging of dopamine D <sub>2/3</sub> agonist binding in cocaine dependence: A [ <sup>11</sup> C]NPA positron emission tomography study. <i>Synapse</i> , 2011, 65, 1344-1349.	1.2	28
23	Improved Working Memory but No Effect on Striatal Vesicular Monoamine Transporter Type 2 after Omega-3 Polyunsaturated Fatty Acid Supplementation. <i>PLoS ONE</i> , 2012, 7, e46832.	2.5	28
24	Amphetamine-induced release of dopamine in primate prefrontal cortex and striatum: striking differences in magnitude and timecourse. <i>Journal of Neurochemistry</i> , 2014, 130, 490-497.	3.9	28
25	Nociceptin Receptors in Alcohol Use Disorders: A Positron Emission Tomography Study Using [ <sup>11</sup> C]NOP-1A. <i>Biological Psychiatry</i> , 2018, 84, 708-714.	1.3	25
26	NOP receptor antagonism reduces alcohol drinking in male and female rats through mechanisms involving the central amygdala and ventral tegmental area. <i>British Journal of Pharmacology</i> , 2020, 177, 1525-1537.	5.4	25
27	Positron emission tomography imaging of D <sub>2/3</sub> agonist binding in healthy human subjects with the radiotracer [ <sup>11</sup> C]â€“(â€“)N-â€“(â€“)propylâ€“(â€“)norapomorphine: Preliminary evaluation and reproducibility studies. <i>Synapse</i> , 2009, 63, 574-584.	1.2	24
28	Amphetamine-Induced Striatal Dopamine Release Measured With an Agonist Radiotracer in Schizophrenia. <i>Biological Psychiatry</i> , 2018, 83, 707-714.	1.3	24
29	Quantitative analysis of (-)-N-(11)C-propyl-norapomorphine in vivo binding in nonhuman primates. <i>Journal of Nuclear Medicine</i> , 2004, 45, 338-46.	5.0	24
30	Decreased Nociceptin Receptors Are Related to Resilience and Recovery in College Women Who Have Experienced Sexual Violence: Therapeutic Implications for Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2019, 85, 1056-1064.	1.3	19
31	Human Biodistribution and Dosimetry of the D2/3 Agonist 11C-N-Propylnorapomorphine (11C-NPA) Determined from PET. <i>Journal of Nuclear Medicine</i> , 2009, 50, 814-817.	5.0	17
32	Reproducibility of Post-Amphetamine [ <sup>11</sup> C]FLB 457 Binding to Cortical D2/3 Receptors. <i>PLoS ONE</i> , 2013, 8, e76905.	2.5	17
33	Prefrontal and Striatal Dopamine Release Are Inversely Correlated in Schizophrenia. <i>Biological Psychiatry</i> , 2022, 92, 791-799.	1.3	17
34	Decreased Vesicular Monoamine Transporter Type 2 Availability in the Striatum Following Chronic Cocaine Self-Administration in Nonhuman Primates. <i>Biological Psychiatry</i> , 2015, 77, 488-492.	1.3	15
35	No effect of dopamine depletion on the binding of the high-affinity D2/3 radiotracer [ <sup>11</sup> C]FLB 457 in the human cortex. <i>Synapse</i> , 2010, 64, 879-885.	1.2	14
36	Nociceptin Receptors Upregulated in Cocaine Use Disorder: A Positron Emission Tomography Imaging Study Using [ <sup>11</sup> C]NOP-1A. <i>American Journal of Psychiatry</i> , 2019, 176, 468-476.	7.2	13

#	ARTICLE	IF	CITATIONS
37	Acute Elevations in Cortisol Increase the In Vivo Binding of [11C]NOP-1A to Nociceptin Receptors: A Novel Imaging Paradigm to Study the Interaction Between Stress- and Antistress-Regulating Neuropeptides. <i>Biological Psychiatry</i> , 2020, 87, 570-576.	1.3	9
38	Imaging corticotropin-releasing-factor and nociceptin in addiction and PTSD models. <i>International Review of Psychiatry</i> , 2017, 29, 567-579.	2.8	8
39	Brain translocator protein occupancy by ONO-2952 in healthy adults: A Phase 1 PET study using [ <sup>11</sup> C]PBR28. <i>Synapse</i> , 2017, 71, e21970.	1.2	7
40	Imaging phosphodiesterase-10a availability in cocaine use disorder with [ <sup>11</sup> C]IMA107 and PET. <i>Synapse</i> , 2019, 73, e22070.	1.2	7
41	Beyond monoamines: I. Novel targets and radiotracers for Positron emission tomography imaging in psychiatric disorders. <i>Journal of Neurochemistry</i> , 2023, 164, 364-400.	3.9	7
42	An open-label positron emission tomography study to evaluate serotonin transporter occupancy following escalating dosing regimens of (R)-desmethylvenlafaxine and racemic desmethylvenlafaxine. <i>Synapse</i> , 2018, 72, e22021.	1.2	6
43	Distinguishing Schizophrenia Subtypes: Can Dopamine Imaging Improve the Signal-to-Noise Ratio?. <i>Biological Psychiatry</i> , 2020, 87, 197-199.	1.3	6
44	Imaging Cortical Dopamine Transmission in Cocaine Dependence: A [11C]FLB 457 Amphetamine Positron Emission Tomography Study. <i>Biological Psychiatry</i> , 2020, 88, 788-796.	1.3	5
45	Cortical Dopamine Transmission as Measured with the [11C]FLB 457 Amphetamine PET Imaging Paradigm Is Not Influenced by COMT Genotype. <i>PLoS ONE</i> , 2016, 11, e0157867.	2.5	5
46	Failure to detect amphetamine-induced dopamine release in the cortex with [ <sup>11</sup> C]FLB 457 positron emission tomography (PET): Methodological considerations. <i>Synapse</i> , 2018, 72, e22037.	1.2	4
47	Imaging beta-amyloid (A <sup>β</sup> 2) burden in the brains of middle-aged individuals with alcohol-use disorders: a [11C]PIB PET study. <i>Translational Psychiatry</i> , 2021, 11, 257.	4.8	3
48	Constance E. Lieber, Theodore R. Stanley, and the Enduring Impact of Philanthropy on Psychiatry Research. <i>Biological Psychiatry</i> , 2016, 80, 84-86.	1.3	2
49	Imaging the influence of red blood cell docosahexaenoic acid status on the expression of the 18KDa translocator protein in the brain: a [11C]PBR28 PET study in young healthy males. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, .	1.5	2
50	Safety of Oral Amphetamine Administered during Positron Emission Tomography Scans in Medically Screened Humans. <i>PLoS ONE</i> , 2015, 10, e0140647.	2.5	1
51	Imaging of Neurochemical Transmission in the Central Nervous System. , 2014, , 453-484.		0