

Nora D Volkow

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/798300/publications.pdf>

Version: 2024-02-01

244
papers

53,843
citations

4584

88
h-index

1551

223
g-index

249
all docs

249
docs citations

249
times ranked

38995
citing authors

#	ARTICLE	IF	CITATIONS
1	Habenular connectivity predict weight loss and negative emotional-related eating behavior after laparoscopic sleeve gastrectomy. <i>Cerebral Cortex</i> , 2023, 33, 2037-2047.	1.6	5
2	How Academic Medicine Can Help Confront the Opioid Crisis. <i>Academic Medicine</i> , 2022, 97, 171-174.	0.8	5
3	Increased risk for <scp>COVID</scp>â€19 breakthrough infection in fully vaccinated patients with substance use disorders in the United States between December 2020 and August 2021. <i>World Psychiatry</i> , 2022, 21, 124-132.	4.8	105
4	The dopamine transporter gene SLC6A3: multidisease risks. <i>Molecular Psychiatry</i> , 2022, 27, 1031-1046.	4.1	28
5	Sex differences in methylphenidate-induced dopamine increases in ventral striatum. <i>Molecular Psychiatry</i> , 2022, 27, 939-946.	4.1	11
6	Socioeconomic status, BMI, and brain development in children. <i>Translational Psychiatry</i> , 2022, 12, 33.	2.4	41
7	Elevated transferrin saturation in individuals with alcohol use disorder: Association with HFE polymorphism and alcohol withdrawal severity. <i>Addiction Biology</i> , 2022, 27, e13144.	1.4	2
8	Protracted abstinence in males with an opioid use disorder: partial recovery of nucleus accumbens function. <i>Translational Psychiatry</i> , 2022, 12, 81.	2.4	6
9	Ketamine use disorder: preclinical, clinical, and neuroimaging evidence to support proposed mechanisms of actions. <i>Intelligent Medicine</i> , 2022, 2, 61-68.	1.6	5
10	Cocaine's effects on the reactivity of the medial prefrontal cortex to ventral tegmental area stimulation: optical imaging study in mice. <i>Addiction</i> , 2022, 117, 2242-2253.	1.7	3
11	Habenular and mediodorsal thalamic connectivity predict persistent weight loss after laparoscopic sleeve gastrectomy. <i>Obesity</i> , 2022, 30, 172-182.	1.5	3
12	Brain opioid segments and striatal patterns of dopamine release induced by naloxone and morphine. <i>Human Brain Mapping</i> , 2022, 43, 1419-1430.	1.9	11
13	Prevention, treatment and care of substance use disorders in times of <scp>COVID</scp>â€19. <i>World Psychiatry</i> , 2022, 21, 323-324.	4.8	6
14	Memantine Attenuates Cocaine and neuroHIV Neurotoxicity in the Medial Prefrontal Cortex. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	4
15	Cortical D1 and D2 dopamine receptor availability modulate methylphenidate-induced changes in brain activity and functional connectivity. <i>Communications Biology</i> , 2022, 5, .	2.0	4
16	Need for comprehensive and timely data to address the opioid overdose epidemic without a blindfold. <i>Addiction</i> , 2022, 117, 2132-2134.	1.7	13
17	Brain lesions disrupting addiction map to a common human brain circuit. <i>Nature Medicine</i> , 2022, 28, 1249-1255.	15.2	61
18	Disparities in sleep duration among American children: effects of race and ethnicity, income, age, and sex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	12

#	ARTICLE	IF	CITATIONS
19	Effect of detoxification on N3 sleep correlates with brain functional but not structural changes in alcohol use disorder. <i>Drug and Alcohol Dependence</i> , 2022, 238, 109545.	1.6	0
20	Conscious and unconscious brain responses to food and cocaine cues. <i>Brain Imaging and Behavior</i> , 2021, 15, 311-319.	1.1	7
21	The changing opioid crisis: development, challenges and opportunities. <i>Molecular Psychiatry</i> , 2021, 26, 218-233.	4.1	197
22	Increased risk of COVID-19 infection and mortality in people with mental disorders: analysis from electronic health records in the United States. <i>World Psychiatry</i> , 2021, 20, 124-130.	4.8	491
23	Brain Connectivity, and Hormonal and Behavioral Correlates of Sustained Weight Loss in Obese Patients after Laparoscopic Sleeve Gastrectomy. <i>Cerebral Cortex</i> , 2021, 31, 1284-1295.	1.6	19
24	Increased transcription of <i>TSPO</i> , <i>HDAC2</i> , and <i>HDAC6</i> in the amygdala of males with alcohol use disorder. <i>Brain and Behavior</i> , 2021, 11, e01961.	1.0	9
25	Multi-Agency Development of Medical Countermeasures Against Opioid-Induced Respiratory Depression. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 576-577.	2.3	2
26	Lessons From the 1918 Flu Pandemic: A Novel Etiologic Subtype of ADHD?. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021, 60, 1-2.	0.3	8
27	Opportunities for Research on the Treatment of Substance Use Disorders in the Context of COVID-19. <i>JAMA Psychiatry</i> , 2021, 78, 357.	6.0	36
28	COVID-19 risk and outcomes in patients with substance use disorders: analyses from electronic health records in the United States. <i>Molecular Psychiatry</i> , 2021, 26, 30-39.	4.1	455
29	<i>TSPO</i> polymorphism in individuals with alcohol use disorder: Association with cholesterol levels and withdrawal severity. <i>Addiction Biology</i> , 2021, 26, e12838.	1.4	9
30	Drug repurposing for opioid use disorders: integration of computational prediction, clinical corroboration, and mechanism of action analyses. <i>Molecular Psychiatry</i> , 2021, 26, 5286-5296.	4.1	19
31	Accelerated Aging of the Amygdala in Alcohol Use Disorders: Relevance to the Dark Side of Addiction. <i>Cerebral Cortex</i> , 2021, 31, 3254-3265.	1.6	14
32	Ketogenic diet reduces alcohol withdrawal symptoms in humans and alcohol intake in rodents. <i>Science Advances</i> , 2021, 7, .	4.7	41
33	Cocaine Reduces the Neuronal Population While Upregulating Dopamine D2-Receptor-Expressing Neurons in Brain Reward Regions: Sex-Effects. <i>Frontiers in Pharmacology</i> , 2021, 12, 624127.	1.6	16
34	The epidemic of fentanyl misuse and overdoses: challenges and strategies. <i>World Psychiatry</i> , 2021, 20, 195-196.	4.8	34
35	To end the opioid crisis, we must address painful social disparities. <i>Drug and Alcohol Dependence</i> , 2021, 222, 108678.	1.6	9
36	Associations of family income with cognition and brain structure in USA children: prevention implications. <i>Molecular Psychiatry</i> , 2021, 26, 6619-6629.	4.1	53

#	ARTICLE	IF	CITATIONS
37	Cannabis Affects Cerebellar Volume and Sleep Differently in Men and Women. <i>Frontiers in Psychiatry</i> , 2021, 12, 643193.	1.3	9
38	Sensory cue reactivity: Sensitization in alcohol use disorder and obesity. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 124, 326-357.	2.9	10
39	Remembering Mary Jeanne Kreek and her many contributions to addiction science. <i>Nature Neuroscience</i> , 2021, 24, 899-900.	7.1	2
40	Extended-Release Buprenorphine and Its Evaluation With Patient-Reported Outcomes. <i>JAMA Network Open</i> , 2021, 4, e219708.	2.8	11
41	Associations of Suicidality Trends With Cannabis Use as a Function of Sex and Depression Status. <i>JAMA Network Open</i> , 2021, 4, e2113025.	2.8	44
42	Choosing appropriate language to reduce the stigma around mental illness and substance use disorders. <i>Neuropsychopharmacology</i> , 2021, 46, 2230-2232.	2.8	62
43	Sleep disturbances are associated with cortical and subcortical atrophy in alcohol use disorder. <i>Translational Psychiatry</i> , 2021, 11, 428.	2.4	10
44	Addiction should be treated, not penalized. <i>Neuropsychopharmacology</i> , 2021, 46, 2048-2050.	2.8	16
45	Relationship between BMI and alcohol consumption levels in decision making. <i>International Journal of Obesity</i> , 2021, 45, 2455-2463.	1.6	5
46	Ca ²⁺ channel blockade reduces cocaine's vasoconstriction and neurotoxicity in the prefrontal cortex. <i>Translational Psychiatry</i> , 2021, 11, 459.	2.4	11
47	Naloxone precipitated withdrawal increases dopamine release in the dorsal striatum of opioid dependent men. <i>Translational Psychiatry</i> , 2021, 11, 445.	2.4	15
48	Research on substance use disorders during the COVID-19 pandemic. <i>Journal of Substance Abuse Treatment</i> , 2021, 129, 108385.	1.5	15
49	Nutritional Ketosis as a Potential Treatment for Alcohol Use Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 781668.	1.3	17
50	Coordinating cannabis data collection globally: Policy implications. <i>Addiction</i> , 2021, , .	1.7	6
51	Cocaine-induced ischemia in prefrontal cortex is associated with escalation of cocaine intake in rodents. <i>Molecular Psychiatry</i> , 2020, 25, 1759-1776.	4.1	23
52	Drugs, sleep, and the addicted brain. <i>Neuropsychopharmacology</i> , 2020, 45, 3-5.	2.8	73
53	Opioid use disorder. <i>Nature Reviews Disease Primers</i> , 2020, 6, 3.	18.1	278
54	Inhibition of food craving is a metabolically active process in the brain in obese men. <i>International Journal of Obesity</i> , 2020, 44, 590-600.	1.6	15

#	ARTICLE	IF	CITATIONS
55	Translating Opioid Pharmacology From Bench to Bedside, and Back. <i>Biological Psychiatry</i> , 2020, 87, 4-5.	0.7	3
56	Collision of the COVID-19 and Addiction Epidemics. <i>Annals of Internal Medicine</i> , 2020, 173, 61-62.	2.0	587
57	Elevated thalamic glutamate levels and reduced water diffusivity in alcohol use disorder: Association with impulsivity. <i>Psychiatry Research - Neuroimaging</i> , 2020, 305, 111185.	0.9	10
58	Epistatic evidence for gender-dependant slow neurotransmission signalling in substance use disorders: PPP1R12B versus PPP1R1B. <i>EBioMedicine</i> , 2020, 61, 103066.	2.7	4
59	Personality traits in substance use disorders and obesity when compared to healthy controls. <i>Addiction</i> , 2020, 115, 2130-2139.	1.7	6
60	Neuropsychosocial markers of binge drinking in young adults. <i>Molecular Psychiatry</i> , 2020, 26, 4931-4943.	4.1	15
61	Brain Network Segregation and Glucose Energy Utilization: Relevance for Age-Related Differences in Cognitive Function. <i>Cerebral Cortex</i> , 2020, 30, 5930-5942.	1.6	31
62	Neuroimaging of inflammation in alcohol use disorder: a review. <i>Science China Information Sciences</i> , 2020, 63, 1.	2.7	10
63	Stigma and the Toll of Addiction. <i>New England Journal of Medicine</i> , 2020, 382, 1289-1290.	13.9	112
64	America's opioid crisis: the need for an integrated public health approach. <i>Translational Psychiatry</i> , 2020, 10, 167.	2.4	55
65	Importance of a standard unit dose for cannabis research. <i>Addiction</i> , 2020, 115, 1219-1221.	1.7	30
66	Personalizing the Treatment of Substance Use Disorders. <i>American Journal of Psychiatry</i> , 2020, 177, 113-116.	4.0	84
67	Sleep inconsistency between weekends and weekdays is associated with changes in brain function during task and rest. <i>Sleep</i> , 2020, 43, .	0.6	18
68	Ghrelin reductions following bariatric surgery were associated with decreased resting state activity in the hippocampus. <i>International Journal of Obesity</i> , 2019, 43, 842-851.	1.6	50
69	Structural changes in brain regions involved in executive-control and self-referential processing after sleeve gastrectomy in obese patients. <i>Brain Imaging and Behavior</i> , 2019, 13, 830-840.	1.1	28
70	The NIH Common Fund/Roadmap Epigenomics Program: Successes of a comprehensive consortium. <i>Science Advances</i> , 2019, 5, eaaw6507.	4.7	34
71	Association Between Reduced Brain Glucose Metabolism and Cortical Thickness in Alcoholics: Evidence of Neurotoxicity. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 548-559.	1.0	22
72	The Neuroscience of Drug Reward and Addiction. <i>Physiological Reviews</i> , 2019, 99, 2115-2140.	13.1	349

#	ARTICLE	IF	CITATIONS
73	The NIH Blueprint for Neuroscience Research Seeks Community Input on Future Neuroscience Investments. <i>Journal of Neuroscience</i> , 2019, 39, 774-775.	1.7	1
74	ADGRL3 (LPHN3) variants predict substance use disorder. <i>Translational Psychiatry</i> , 2019, 9, 42.	2.4	29
75	Brain default-mode network dysfunction in addiction. <i>NeuroImage</i> , 2019, 200, 313-331.	2.1	208
76	Management of opioid use disorder in the USA: present status and future directions. <i>Lancet</i> , The, 2019, 393, 1760-1772.	6.3	277
77	The role of neurologists in tackling the opioid epidemic. <i>Nature Reviews Neurology</i> , 2019, 15, 301-305.	4.9	22
78	Expectation effects on brain dopamine responses to methylphenidate in cocaine use disorder. <i>Translational Psychiatry</i> , 2019, 9, 93.	2.4	17
79	Correspondence between cerebral glucose metabolism and BOLD reveals relative power and cost in human brain. <i>Nature Communications</i> , 2019, 10, 690.	5.8	62
80	Detecting neuroinflammation in the brain following chronic alcohol exposure in rats: A comparison between in vivo and in vitro TSPO radioligand binding. <i>European Journal of Neuroscience</i> , 2019, 50, 1831-1842.	1.2	20
81	Emergency Department Visits From Edible Versus Inhalable Cannabis. <i>Annals of Internal Medicine</i> , 2019, 170, 569.	2.0	15
82	Neural correlates of visual attention in alcohol use disorder. <i>Drug and Alcohol Dependence</i> , 2019, 194, 430-437.	1.6	15
83	Neurofunctional Domains Derived From Deep Behavioral Phenotyping in Alcohol Use Disorder. <i>American Journal of Psychiatry</i> , 2019, 176, 744-753.	4.0	91
84	Prevention and Treatment of Opioid Misuse and Addiction. <i>JAMA Psychiatry</i> , 2019, 76, 208.	6.0	388
85	Hemodynamic and neuronal responses to cocaine differ in awake versus anesthetized animals: Optical brain imaging study. <i>NeuroImage</i> , 2019, 188, 188-197.	2.1	13
86	Enhanced neuronal and blunted hemodynamic reactivity to cocaine in the prefrontal cortex following extended cocaine access: optical imaging study in anesthetized rats. <i>Addiction Biology</i> , 2019, 24, 485-497.	1.4	13
87	Cocaine Decreases Spontaneous Neuronal Activity and Increases Low-Frequency Neuronal and Hemodynamic Cortical Oscillations. <i>Cerebral Cortex</i> , 2019, 29, 1594-1606.	1.6	5
88	Opioid-galanin receptor heteromers mediate the dopaminergic effects of opioids. <i>Journal of Clinical Investigation</i> , 2019, 129, 2730-2744.	3.9	41
89	Medication development in opioid addiction: Meaningful clinical end points. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	38
90	The conception of the ABCD study: From substance use to a broad NIH collaboration. <i>Developmental Cognitive Neuroscience</i> , 2018, 32, 4-7.	1.9	516

#	ARTICLE	IF	CITATIONS
91	Use and Misuse of Opioids in Chronic Pain. <i>Annual Review of Medicine</i> , 2018, 69, 451-465.	5.0	190
92	Ketogenic Diet Suppresses Alcohol Withdrawal Syndrome in Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 270-277.	1.4	29
93	Neuroethics for the National Institutes of Health BRAIN Initiative. <i>Journal of Neuroscience</i> , 2018, 38, 10583-10585.	1.7	20
94	Influence of alcoholism and cholesterol on TSPO binding in brain: PET [11C]PBR28 studies in humans and rodents. <i>Neuropsychopharmacology</i> , 2018, 43, 1832-1839.	2.8	57
95	Synchronized Astrocytic Ca ²⁺ Responses in Neurovascular Coupling during Somatosensory Stimulation and for the Resting State. <i>Cell Reports</i> , 2018, 23, 3878-3890.	2.9	55
96	An Autonomic Network: Synchrony Between Slow Rhythms of Pulse and Brain Resting State Is Associated with Personality and Emotions. <i>Cerebral Cortex</i> , 2018, 28, 3356-3371.	1.6	23
97	Methylation of the dopamine transporter gene in blood is associated with striatal dopamine transporter availability in ADHD: A preliminary study. <i>European Journal of Neuroscience</i> , 2018, 48, 1884-1895.	1.2	35
98	Bariatric surgery in obese patients reduced resting connectivity of brain regions involved with self-referential processing. <i>Human Brain Mapping</i> , 2018, 39, 4755-4765.	1.9	46
99	Helping to End Addiction Over the Long-term. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 129.	3.8	134
100	Neurochemical and metabolic effects of acute and chronic alcohol in the human brain: Studies with positron emission tomography. <i>Neuropharmacology</i> , 2017, 122, 175-188.	2.0	85
101	New Repeat Polymorphism in the <i>AKT1</i> Gene Predicts Striatal Dopamine D2/D3 Receptor Availability and Stimulant-Induced Dopamine Release in the Healthy Human Brain. <i>Journal of Neuroscience</i> , 2017, 37, 4982-4991.	1.7	15
102	Drug use disorders: impact of a public health rather than a criminal justice approach. <i>World Psychiatry</i> , 2017, 16, 213-214.	4.8	74
103	Dynamic brain glucose metabolism identifies anti-correlated cortical-cerebellar networks at rest. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3659-3670.	2.4	45
104	The Role of Science in Addressing the Opioid Crisis. <i>New England Journal of Medicine</i> , 2017, 377, 391-394.	13.9	424
105	The dopamine motive system: implications for drug and food addiction. <i>Nature Reviews Neuroscience</i> , 2017, 18, 741-752.	4.9	658
106	Striatal Dopamine D2/D3 Receptor Availability Varies Across Smoking Status. <i>Neuropsychopharmacology</i> , 2017, 42, 2325-2332.	2.8	22
107	Cerebrovascular adaptations to cocaine-induced transient ischemic attacks in the rodent brain. <i>JCI Insight</i> , 2017, 2, e90809.	2.3	16
108	Mitigation Strategies for Opioid Abuse. <i>New England Journal of Medicine</i> , 2016, 375, 95-96.	13.9	4

#	ARTICLE	IF	CITATIONS
109	Opioid Abuse in Chronic Pain – Misconceptions and Mitigation Strategies. <i>New England Journal of Medicine</i> , 2016, 374, 1253-1263.	13.9	970
110	Cannabis Abusers Show Hypofrontality and Blunted Brain Responses to a Stimulant Challenge in Females but not in Males. <i>Neuropsychopharmacology</i> , 2016, 41, 2596-2605.	2.8	59
111	Neurobiology of addiction: a neurocircuitry analysis. <i>Lancet Psychiatry</i> , 2016, 3, 760-773.	3.7	2,225
112	Adopting the “cascade of care” framework: an opportunity to close the implementation gap in addiction care?. <i>Addiction</i> , 2016, 111, 2079-2081.	1.7	51
113	Neurobiologic Advances from the Brain Disease Model of Addiction. <i>New England Journal of Medicine</i> , 2016, 374, 363-371.	13.9	1,244
114	Cocaine-Induced Abnormal Cerebral Hemodynamic Responses to Forepaw Stimulation Assessed by Integrated Multi-Wavelength Spectroimaging and Laser Speckle Contrast Imaging. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2016, 22, 146-153.	1.9	19
115	Chronic cocaine disrupts neurovascular networks and cerebral function: optical imaging studies in rodents. <i>Journal of Biomedical Optics</i> , 2016, 21, 026006.	1.4	21
116	Effects of Cannabis Use on Human Behavior, Including Cognition, Motivation, and Psychosis: A Review. <i>JAMA Psychiatry</i> , 2016, 73, 292.	6.0	621
117	Beliefs modulate the effects of drugs on the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2301-2302.	3.3	6
118	Alcohol Decreases Baseline Brain Glucose Metabolism More in Heavy Drinkers Than Controls But Has No Effect on Stimulation-Induced Metabolic Increases. <i>Journal of Neuroscience</i> , 2015, 35, 3248-3255.	1.7	43
119	The Brain on Drugs: From Reward to Addiction. <i>Cell</i> , 2015, 162, 712-725.	13.5	957
120	Overlapping patterns of brain activation to food and cocaine cues in cocaine abusers. <i>Human Brain Mapping</i> , 2015, 36, 120-136.	1.9	102
121	BMI Modulates Calorie-Dependent Dopamine Changes in Accumbens from Glucose Intake. <i>PLoS ONE</i> , 2014, 9, e101585.	1.1	37
122	Decreased dopamine brain reactivity in marijuana abusers is associated with negative emotionality and addiction severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3149-56.	3.3	180
123	Medication-Assisted Therapies – Tackling the Opioid-Overdose Epidemic. <i>New England Journal of Medicine</i> , 2014, 370, 2063-2066.	13.9	836
124	The Addictive Dimensionality of Obesity. <i>Biological Psychiatry</i> , 2013, 73, 811-818.	0.7	314
125	Acute alcohol intoxication decreases glucose metabolism but increases acetate uptake in the human brain. <i>NeuroImage</i> , 2013, 64, 277-283.	2.1	88
126	Chronic Cocaine Dampens Dopamine Signaling during Cocaine Intoxication and Unbalances D ₁ over D ₂ Receptor Signaling. <i>Journal of Neuroscience</i> , 2013, 33, 15827-15836.	1.7	67

#	ARTICLE	IF	CITATIONS
127	Energetic cost of brain functional connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13642-13647.	3.3	445
128	Long-Term Stimulant Treatment Affects Brain Dopamine Transporter Level in Patients with Attention Deficit Hyperactive Disorder. PLoS ONE, 2013, 8, e63023.	1.1	99
129	New Medications for Substance Use Disorders: Challenges and Opportunities. Neuropsychopharmacology, 2012, 37, 290-292.	2.8	49
130	Methylphenidate-Elicited Dopamine Increases in Ventral Striatum Are Associated with Long-Term Symptom Improvement in Adults with Attention Deficit Hyperactivity Disorder. Journal of Neuroscience, 2012, 32, 841-849.	1.7	181
131	Evidence That Sleep Deprivation Downregulates Dopamine D2R in Ventral Striatum in the Human Brain. Journal of Neuroscience, 2012, 32, 6711-6717.	1.7	203
132	Addiction Circuitry in the Human Brain. Annual Review of Pharmacology and Toxicology, 2012, 52, 321-336.	4.2	461
133	Imaging separation of neuronal from vascular effects of cocaine on rat cortical brain in vivo. NeuroImage, 2011, 54, 1130-1139.	2.1	44
134	Dysfunction of the prefrontal cortex in addiction: neuroimaging findings and clinical implications. Nature Reviews Neuroscience, 2011, 12, 652-669.	4.9	2,029
135	Enhanced Striatal Dopamine Release During Food Stimulation in Binge Eating Disorder. Obesity, 2011, 19, 1601-1608.	1.5	260
136	Addiction: Beyond dopamine reward circuitry. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15037-15042.	3.3	733
137	Acute Cocaine Induces Fast Activation of D1 Receptor and Progressive Deactivation of D2 Receptor Striatal Neurons: <i>In Vivo</i> Optical Microprobe [Ca ²⁺] _i Imaging. Journal of Neuroscience, 2011, 31, 13180-13190.	1.7	82
138	Genotype and Ancestry Modulate Brain's DAT Availability in Healthy Humans. PLoS ONE, 2011, 6, e22754.	1.1	52
139	Addiction: Decreased reward sensitivity and increased expectation sensitivity conspire to overwhelm the brain's control circuit. BioEssays, 2010, 32, 748-755.	1.2	404
140	Genomic Features of the Human Dopamine Transporter Gene and Its Potential Epigenetic States: Implications for Phenotypic Diversity. PLoS ONE, 2010, 5, e11067.	1.1	66
141	Functional connectivity density mapping. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9885-9890.	3.3	546
142	Neurocircuitry of Addiction. Neuropsychopharmacology, 2010, 35, 217-238.	2.8	4,187
143	Anterior cingulate cortex hypoactivations to an emotionally salient task in cocaine addiction. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9453-9458.	3.3	157
144	Evidence of gender differences in the ability to inhibit brain activation elicited by food stimulation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1249-1254.	3.3	207

#	ARTICLE	IF	CITATIONS
145	Dopaminergic Response to Drug Words in Cocaine Addiction. <i>Journal of Neuroscience</i> , 2009, 29, 6001-6006.	1.7	117
146	Evaluating Dopamine Reward Pathway in ADHD. <i>JAMA - Journal of the American Medical Association</i> , 2009, 302, 1084.	3.8	518
147	Inverse Association Between BMI and Prefrontal Metabolic Activity in Healthy Adults. <i>Obesity</i> , 2009, 17, 60-65.	1.5	276
148	Differential effects of anesthetics on cocaine's pharmacokinetic and pharmacodynamic effects in brain. <i>European Journal of Neuroscience</i> , 2009, 30, 1565-1575.	1.2	32
149	Dopamine increases in striatum do not elicit craving in cocaine abusers unless they are coupled with cocaine cues. <i>NeuroImage</i> , 2008, 39, 1266-1273.	2.1	208
150	Low dopamine striatal D2 receptors are associated with prefrontal metabolism in obese subjects: Possible contributing factors. <i>NeuroImage</i> , 2008, 42, 1537-1543.	2.1	488
151	Sleep Deprivation Decreases Binding of [¹¹ C]Raclopride to Dopamine D ₂ /D ₃ Receptors in the Human Brain. <i>Journal of Neuroscience</i> , 2008, 28, 8454-8461.	1.7	168
152	Overlapping neuronal circuits in addiction and obesity: evidence of systems pathology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 3191-3200.	1.8	700
153	Is Decreased Prefrontal Cortical Sensitivity to Monetary Reward Associated With Impaired Motivation and Self-Control in Cocaine Addiction?. <i>American Journal of Psychiatry</i> , 2007, 164, 43-51.	4.0	229
154	Profound Decreases in Dopamine Release in Striatum in Detoxified Alcoholics: Possible Orbitofrontal Involvement. <i>Journal of Neuroscience</i> , 2007, 27, 12700-12706.	1.7	425
155	Etiologic Subtypes of Attention-Deficit/Hyperactivity Disorder: Brain Imaging, Molecular Genetic and Environmental Factors and the Dopamine Hypothesis. <i>Neuropsychology Review</i> , 2007, 17, 39-59.	2.5	510
156	Low doses of alcohol substantially decrease glucose metabolism in the human brain. <i>NeuroImage</i> , 2006, 29, 295-301.	2.1	98
157	Effects of expectation on the brain metabolic responses to methylphenidate and to its placebo in non-drug abusing subjects. <i>NeuroImage</i> , 2006, 32, 1782-1792.	2.1	106
158	Cocaine Increases the Intracellular Calcium Concentration in Brain Independently of Its Cerebrovascular Effects. <i>Journal of Neuroscience</i> , 2006, 26, 11522-11531.	1.7	61
159	Activation of Orbital and Medial Prefrontal Cortex by Methylphenidate in Cocaine-Addicted Subjects But Not in Controls: Relevance to Addiction. <i>Journal of Neuroscience</i> , 2005, 25, 3932-3939.	1.7	285
160	How can drug addiction help us understand obesity?. <i>Nature Neuroscience</i> , 2005, 8, 555-560.	7.1	967
161	The Neural Basis of Addiction: A Pathology of Motivation and Choice. <i>American Journal of Psychiatry</i> , 2005, 162, 1403-1413.	4.0	2,651
162	Similarity Between Obesity and Drug Addiction as Assessed by Neurofunctional Imaging. <i>Journal of Addictive Diseases</i> , 2004, 23, 39-53.	0.8	458

#	ARTICLE	IF	CITATIONS
163	Evidence That Methylphenidate Enhances the Saliency of a Mathematical Task by Increasing Dopamine in the Human Brain. <i>American Journal of Psychiatry</i> , 2004, 161, 1173-1180.	4.0	241
164	Exposure to appetitive food stimuli markedly activates the human brain. <i>NeuroImage</i> , 2004, 21, 1790-1797.	2.1	330
165	Cardiovascular effects of methylphenidate in humans are associated with increases of dopamine in brain and of epinephrine in plasma. <i>Psychopharmacology</i> , 2003, 166, 264-270.	1.5	89
166	Positron emission tomography and its use to image the occupancy of drug binding sites. <i>Drug Development Research</i> , 2003, 59, 194-207.	1.4	13
167	Brain dopamine is associated with eating behaviors in humans. <i>International Journal of Eating Disorders</i> , 2003, 33, 136-142.	2.1	197
168	Alcohol Intoxication Induces Greater Reductions in Brain Metabolism in Male Than in Female Subjects. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 909-917.	1.4	50
169	The addicted human brain: insights from imaging studies. <i>Journal of Clinical Investigation</i> , 2003, 111, 1444-1451.	3.9	742
170	Expectation Enhances the Regional Brain Metabolic and the Reinforcing Effects of Stimulants in Cocaine Abusers. <i>Journal of Neuroscience</i> , 2003, 23, 11461-11468.	1.7	293
171	Drug Addiction and Its Underlying Neurobiological Basis: Neuroimaging Evidence for the Involvement of the Frontal Cortex. <i>American Journal of Psychiatry</i> , 2002, 159, 1642-1652.	4.0	2,353
172	Role of Dopamine, the Frontal Cortex and Memory Circuits in Drug Addiction: Insight from Imaging Studies. <i>Neurobiology of Learning and Memory</i> , 2002, 78, 610-624.	1.0	441
173	Changes in brain functional homogeneity in subjects with Alzheimer's disease. <i>Psychiatry Research - Neuroimaging</i> , 2002, 114, 39-50.	0.9	41
174	Relationship between blockade of dopamine transporters by oral methylphenidate and the increases in extracellular dopamine: Therapeutic implications. <i>Synapse</i> , 2002, 43, 181-187.	0.6	273
175	?Nonhedonic? food motivation in humans involves dopamine in the dorsal striatum and methylphenidate amplifies this effect. <i>Synapse</i> , 2002, 44, 175-180.	0.6	400
176	Brain DA D2 receptors predict reinforcing effects of stimulants in humans: Replication study. <i>Synapse</i> , 2002, 46, 79-82.	0.6	242
177	[11]Cocaine: PET studies of cocaine pharmacokinetics, dopamine transporter availability and dopamine transporter occupancy. <i>Nuclear Medicine and Biology</i> , 2001, 28, 561-572.	0.3	71
178	Brain dopamine and obesity. <i>Lancet, The</i> , 2001, 357, 354-357.	6.3	1,599
179	Therapeutic Doses of Oral Methylphenidate Significantly Increase Extracellular Dopamine in the Human Brain. <i>Journal of Neuroscience</i> , 2001, 21, RC121-RC121.	1.7	605
180	Perspectives on Reward Circuitry, Neurobiology, Genetics and Pathology: Dopamine and Addiction. <i>Molecular Psychiatry</i> , 2001, 6, S1-S1.	4.1	2

#	ARTICLE	IF	CITATIONS
181	Effects of Endogenous Neurotransmitters on the in vivo Binding of Dopamine and 5-HT Radiotracers in Mice. <i>Neuropsychopharmacology</i> , 2001, 25, 679-689.	2.8	23
182	Low Level of Brain Dopamine D2Receptors in Methamphetamine Abusers: Association With Metabolism in the Orbitofrontal Cortex. <i>American Journal of Psychiatry</i> , 2001, 158, 2015-2021.	4.0	840
183	Occupancy of brain nicotinic acetylcholine receptors by nicotine doses equivalent to those obtained when smoking a cigarette. , 2000, 35, 234-237.		24
184	Measurements of human brain ethanolT2 by spectroscopic imaging at 4 T. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 35-40.	1.9	20
185	Resting brain metabolic activity in a 4 Tesla magnetic field. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 701-705.	1.9	8
186	Synergistic interactions between nicotine and cocaine or methylphenidate depend on the dose of dopamine transporter inhibitor. <i>Synapse</i> , 2000, 38, 432-437.	0.6	91
187	Locomotor activity and occupancy of brain cannabinoid CB1 receptors by the antagonist/inverse agonist AM281. <i>Synapse</i> , 2000, 38, 477-482.	0.6	53
188	Sensitivity of binding of high-affinity dopamine receptor radioligands to increased synaptic dopamine. <i>Synapse</i> , 2000, 38, 483-488.	0.6	9
189	Cannabinoid receptor-mediated inhibition of acetylcholine release from hippocampal and cortical synaptosomes. <i>British Journal of Pharmacology</i> , 2000, 131, 645-650.	2.7	68
190	Regional Brain Metabolism During Alcohol Intoxication. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 822-829.	1.4	85
191	4.0 T Water Proton T1 Relaxation Times in Normal Human Brain and During Acute Ethanol Intoxication. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 830-836.	1.4	14
192	Effect of amphetamine-induced dopamine release on radiotracer binding to D1 and D2 receptors in rat brain striatal slices. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2000, 362, 413-418.	1.4	13
193	Association Between Age-Related Decline in Brain Dopamine Activity and Impairment in Frontal and Cingulate Metabolism. <i>American Journal of Psychiatry</i> , 2000, 157, 75-80.	4.0	261
194	Addiction, a Disease of Compulsion and Drive: Involvement of the Orbitofrontal Cortex. <i>Cerebral Cortex</i> , 2000, 10, 318-325.	1.6	1,062
195	Regional Brain Metabolism During Alcohol Intoxication. , 2000, 24, 822.		2
196	Attempts to replicate the claim of James' at NSLS beam line X12B. <i>Synchrotron Radiation News</i> , 1999, 12, 34-36.	0.2	9
197	Dopamine-transporter occupancy after intravenous doses of cocaine and methylphenidate in mice and humans. <i>Psychopharmacology</i> , 1999, 146, 93-100.	1.5	128
198	Distribution of tracer levels of cocaine in the human brain as assessed with averaged [11C]cocaine images. , 1999, 31, 290-296.		30

#	ARTICLE	IF	CITATIONS
199	Intimate combination of low- and high-resolution image data: I. real-space PET and 1H2O MRI, PETAMRI. <i>Magnetic Resonance in Medicine</i> , 1999, 42, 345-360.	1.9	15
200	Design and synthesis of the CB1 selective cannabinoid antagonist AM281: A potential human SPECT ligand. <i>AAPS PharmSci</i> , 1999, 1, 39-45.	1.3	71
201	Positron Emission Tomography Studies of Dopamine-Enhancing Drugs. <i>Journal of Clinical Pharmacology</i> , 1999, 39, 13S-16S.	1.0	17
202	Regional Cerebral Metabolism in Female Alcoholics of Moderate Severity Does Not Differ From That of Controls. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 1850-1854.	1.4	18
203	Glutamate Modulation of Dopamine Measured in Vivo with Positron Emission Tomography (PET) and 11C-Raclopride in Normal Human Subjects. <i>Neuropsychopharmacology</i> , 1998, 18, 18-25.	2.8	174
204	Measuring dopamine transporter occupancy by cocaine in vivo: Radiotracer considerations. , 1998, 28, 111-116.		61
205	Evaluation of the importance of rebinding to receptors in slowing the approach to equilibrium of high-affinity PET and SPECT radiotracers. , 1998, 28, 167-175.		27
206	A novel strategy for the treatment of cocaine addiction. , 1998, 30, 119-129.		177
207	Dopamine Transporter Occupancies in the Human Brain Induced by Therapeutic Doses of Oral Methylphenidate. <i>American Journal of Psychiatry</i> , 1998, 155, 1325-1331.	4.0	826
208	Imaging the Brain Marijuana Receptor: Development of a Radioligand that Binds to Cannabinoid CB1 Receptors In Vivo. <i>Journal of Neurochemistry</i> , 1998, 70, 417-423.	2.1	105
209	Behavioral and Cardiovascular Effects of Intravenous Methylphenidate in Normal Subjects and Cocaine Abusers. <i>European Addiction Research</i> , 1997, 3, 49-54.	1.3	60
210	Regional Brain Metabolic Response to Lorazepam in Alcoholics during Early and Late Alcohol Detoxification. <i>Alcoholism: Clinical and Experimental Research</i> , 1997, 21, 1278-1284.	1.4	82
211	Dopamine D2 Receptor Availability in Opiate-Dependent Subjects before and after Naloxone-Precipitated Withdrawal. <i>Neuropsychopharmacology</i> , 1997, 16, 174-182.	2.8	240
212	GABAergic attenuation of cocaine-induced dopamine release and locomotor activity. <i>Synapse</i> , 1997, 25, 393-398.	0.6	118
213	Direct approach for attenuating cocaine's effects on extracellular dopamine: Targeting the dopamine transporter. , 1997, 26, 423-427.		16
214	Concentration and occupancy of dopamine transporters in cocaine abusers with [11C]cocaine and PET. <i>Synapse</i> , 1997, 27, 347-356.	0.6	50
215	GABAergic attenuation of cocaine-induced dopamine release and locomotor activity. , 1997, 25, 393.		1
216	GABAergic attenuation of cocaine-induced dopamine release and locomotor activity. , 1997, 25, 393.		2

#	ARTICLE	IF	CITATIONS
217	Regional Brain Metabolic Response to Lorazepam in Alcoholics during Early and Late Alcohol Detoxification. , 1997, 21, 1278.		2
218	Decreases in Dopamine Receptors but not in Dopamine Transporters in Alcoholics. Alcoholism: Clinical and Experimental Research, 1996, 20, 1594-1598.	1.4	530
219	Cocaine doses equivalent to those abused by humans occupy most of the dopamine transporters. , 1996, 24, 399-402.		30
220	Mapping nicotinic acetylcholine receptors with PET. , 1996, 24, 403-407.		70
221	Distribution Volume Ratios without Blood Sampling from Graphical Analysis of PET Data. Journal of Cerebral Blood Flow and Metabolism, 1996, 16, 834-840.	2.4	1,351
222	Cocaine Addiction:. Journal of Addictive Diseases, 1996, 15, 55-71.	0.8	110
223	Regional Brain Metabolic Response to Lorazepam in Subjects at Risk for Alcoholism. Alcoholism: Clinical and Experimental Research, 1995, 19, 510-516.	1.4	82
224	Haloperidol blocks the uptake of [18F]N-methylspiroperidol by extrastriatal dopamine receptors in schizophrenic patients. Synapse, 1995, 19, 14-17.	0.6	13
225	Sensitivity of striatal [11C]cocaine binding to decreases in synaptic dopamine. Synapse, 1995, 20, 137-144.	0.6	30
226	Is Methylphenidate Like Cocaine?. Archives of General Psychiatry, 1995, 52, 456.	13.8	539
227	Monitoring the Brain's Response to Alcohol With Positron Emission Tomography. Alcohol Health and Research World, 1995, 19, 296-299.	0.2	7
228	Imaging endogenous dopamine competition with [11C]raclopride in the human brain. Synapse, 1994, 16, 255-262.	0.6	362
229	Slow recovery of human brain MAO B after L-Deprenyl (Selegiline) withdrawal. Synapse, 1994, 18, 86-93.	0.6	155
230	Effects of Blood Flow on [¹¹ C]Raclopride Binding in the Brain: Model Simulations and Kinetic Analysis of PET Data. Journal of Cerebral Blood Flow and Metabolism, 1994, 14, 995-1010.	2.4	150
231	Studies with Differentially Labeled [¹¹ C]Cocaine, [¹¹ C]Norcocaine, [¹¹ C]Benzoylecgonine, and [¹¹ C]and [¹⁸ F]Fluorococaine to Probe the Extent to Which [¹¹ C]Cocaine Metabolites Contribute to PET Images of the Baboon Brain. Journal of Neurochemistry, 1994, 62, 1154-1162.	2.1	29
232	Decreased dopamine D2 receptor availability is associated with reduced frontal metabolism in cocaine abusers. Synapse, 1993, 14, 169-177.	0.6	836
233	Comparison of two PET radioligands for imaging extrastriatal dopamine receptors in the human brain. Synapse, 1993, 15, 246-249.	0.6	16
234	Long-Term frontal brain metabolic changes in cocaine abusers. Synapse, 1992, 11, 184-190.	0.6	402

#	ARTICLE	IF	CITATIONS
235	Quantitative autoradiography of cocaine binding sites in human brain postmortem. <i>Synapse</i> , 1992, 10, 126-130.	0.6	31
236	Regional distribution and kinetics of haloperidol binding in human brain: A pet study with [¹⁸ F]haloperidol. <i>Synapse</i> , 1992, 11, 10-19.	0.6	38
237	Brain Activity in Amblyopia. <i>American Orthoptic Journal</i> , 1991, 41, 56-66.	0.3	12
238	Dr. Volkow and Associates Reply. <i>American Journal of Psychiatry</i> , 1991, 148, 1759-b-1760.	4.0	97
239	Amphetamine induced decreases in (18F)-N-methylspiroperidol binding in the baboon brain using positron emission tomography (PET). <i>Synapse</i> , 1991, 7, 324-327.	0.6	90
240	Graphical Analysis of Reversible Radioligand Binding from Time-Activity Measurements Applied to [¹¹ C-Methyl]-(α^3)-Cocaine PET Studies in Human Subjects. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1990, 10, 740-747.	2.4	1,295
241	Mapping muscarinic receptors in human and baboon brain using [N- ¹¹ C-methyl]-benztropine. <i>Synapse</i> , 1990, 5, 213-223.	0.6	118
242	Acute effects of ethanol on regional brain glucose metabolism and transport. <i>Psychiatry Research - Neuroimaging</i> , 1990, 35, 39-48.	0.9	163
243	Cerebral Blood Flow in Chronic Cocaine Users: A Study with Positron Emission Tomography. <i>British Journal of Psychiatry</i> , 1988, 152, 641-648.	1.7	346
244	Effects of Electroconvulsive Therapy on Brain Glucose Metabolism: A Preliminary Study. <i>Convulsive Therapy</i> , 1988, 4, 199-205.	0.1	18