

# Gene-Jack Wang

## List of Publications by Year in descending order

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285  
papers

36,581  
citations

3731

89  
h-index

3407

183  
g-index

287  
all docs

287  
docs citations

287  
times ranked

24928  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain dopamine and obesity. <i>Lancet, The</i> , 2001, 357, 354-357.	13.7	1,599
2	Distribution Volume Ratios without Blood Sampling from Graphical Analysis of PET Data. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 834-840.	4.3	1,351
3	Reward, dopamine and the control of food intake: implications for obesity. <i>Trends in Cognitive Sciences</i> , 2011, 15, 37-46.	7.8	1,073
4	Cocaine Cues and Dopamine in Dorsal Striatum: Mechanism of Craving in Cocaine Addiction. <i>Journal of Neuroscience</i> , 2006, 26, 6583-6588.	3.6	1,021
5	Association of Dopamine Transporter Reduction With Psychomotor Impairment in Methamphetamine Abusers. <i>American Journal of Psychiatry</i> , 2001, 158, 377-382.	7.2	894
6	Low Level of Brain Dopamine D <sub>2</sub> Receptors in Methamphetamine Abusers: Association With Metabolism in the Orbitofrontal Cortex. <i>American Journal of Psychiatry</i> , 2001, 158, 2015-2021.	7.2	840
7	Decreased dopamine D <sub>2</sub> receptor availability is associated with reduced frontal metabolism in cocaine abusers. <i>Synapse</i> , 1993, 14, 169-177.	1.2	836
8	Dopamine Transporter Occupancies in the Human Brain Induced by Therapeutic Doses of Oral Methylphenidate. <i>American Journal of Psychiatry</i> , 1998, 155, 1325-1331.	7.2	826
9	The addicted human brain: insights from imaging studies. <i>Journal of Clinical Investigation</i> , 2003, 111, 1444-1451.	8.2	742
10	Addiction: Beyond dopamine reward circuitry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15037-15042.	7.1	733
11	Loss of Dopamine Transporters in Methamphetamine Abusers Recovers with Protracted Abstinence. <i>Journal of Neuroscience</i> , 2001, 21, 9414-9418.	3.6	675
12	Therapeutic Doses of Oral Methylphenidate Significantly Increase Extracellular Dopamine in the Human Brain. <i>Journal of Neuroscience</i> , 2001, 21, RC121-RC121.	3.6	605
13	Î²-Amyloid accumulation in the human brain after one night of sleep deprivation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4483-4488.	7.1	571
14	Dopamine in Drug Abuse and Addiction. <i>Archives of Neurology</i> , 2007, 64, 1575.	4.5	550
15	Decreases in Dopamine Receptors but not in Dopamine Transporters in Alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 1996, 20, 1594-1598.	2.4	530
16	Evaluating Dopamine Reward Pathway in ADHD. <i>JAMA - Journal of the American Medical Association</i> , 2009, 302, 1084.	7.4	518
17	Low dopamine striatal D2 receptors are associated with prefrontal metabolism in obese subjects: Possible contributing factors. <i>NeuroImage</i> , 2008, 42, 1537-1543.	4.2	488
18	Effects of Modafinil on Dopamine and Dopamine Transporters in the Male Human Brain. <i>JAMA - Journal of the American Medical Association</i> , 2009, 301, 1148.	7.4	466

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19	Addiction Circuitry in the Human Brain. Annual Review of Pharmacology and Toxicology, 2012, 52, 321-336.	9.4	461
20	Similarity Between Obesity and Drug Addiction as Assessed by Neurofunctional Imaging. Journal of Addictive Diseases, 2004, 23, 39-53.	1.3	458
21	Energetic cost of brain functional connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13642-13647.	7.1	445
22	Role of Dopamine, the Frontal Cortex and Memory Circuits in Drug Addiction: Insight from Imaging Studies. Neurobiology of Learning and Memory, 2002, 78, 610-624.	1.9	441
23	Profound Decreases in Dopamine Release in Striatum in Detoxified Alcoholics: Possible Orbitofrontal Involvement. Journal of Neuroscience, 2007, 27, 12700-12706.	3.6	425
24	Addiction: Decreased reward sensitivity and increased expectation sensitivity conspire to overwhelm the brain's control circuit. BioEssays, 2010, 32, 748-755.	2.5	404
25	Long-Term frontal brain metabolic changes in cocaine abusers. Synapse, 1992, 11, 184-190.	1.2	402
26	“Nonhedonic” food motivation in humans involves dopamine in the dorsal striatum and methylphenidate amplifies this effect. Synapse, 2002, 44, 175-180.	1.2	400
27	Association of Methylphenidate-Induced Craving With Changes in Right Striato-orbitofrontal Metabolism in Cocaine Abusers: Implications in Addiction. American Journal of Psychiatry, 1999, 156, 19-26.	7.2	384
28	Imaging endogenous dopamine competition with [11C]raclopride in the human brain. Synapse, 1994, 16, 255-262.	1.2	362
29	Exposure to appetitive food stimuli markedly activates the human brain. NeuroImage, 2004, 21, 1790-1797.	4.2	330
30	The Addictive Dimensionality of Obesity. Biological Psychiatry, 2013, 73, 811-818.	1.3	314
31	Regional brain metabolic activation during craving elicited by recall of previous drug experiences. Life Sciences, 1999, 64, 775-784.	4.3	311
32	Imaging the Effects of Methylphenidate on Brain Dopamine: New Model on Its Therapeutic Actions for Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2005, 57, 1410-1415.	1.3	308
33	Expectation Enhances the Regional Brain Metabolic and the Reinforcing Effects of Stimulants in Cocaine Abusers. Journal of Neuroscience, 2003, 23, 11461-11468.	3.6	293
34	Severity of neuropsychological impairment in cocaine and alcohol addiction: association with metabolism in the prefrontal cortex. Neuropsychologia, 2004, 42, 1447-1458.	1.6	292
35	Gastric distention activates satiety circuitry in the human brain. NeuroImage, 2008, 39, 1824-1831.	4.2	286
36	Activation of Orbital and Medial Prefrontal Cortex by Methylphenidate in Cocaine-Addicted Subjects But Not in Controls: Relevance to Addiction. Journal of Neuroscience, 2005, 25, 3932-3939.	3.6	285

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37	Relationship between blockade of dopamine transporters by oral methylphenidate and the increases in extracellular dopamine: Therapeutic implications. <i>Synapse</i> , 2002, 43, 181-187.	1.2	273
38	Imaging studies on the role of dopamine in cocaine reinforcement and addiction in humans. <i>Journal of Psychopharmacology</i> , 1999, 13, 337-345.	4.0	271
39	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.	7.2	261
40	Enhanced Striatal Dopamine Release During Food Stimulation in Binge Eating Disorder. <i>Obesity</i> , 2011, 19, 1601-1608.	3.0	260
41	Cognitive control of drug craving inhibits brain reward regions in cocaine abusers. <i>NeuroImage</i> , 2010, 49, 2536-2543.	4.2	253
42	Brain DA D2 receptors predict reinforcing effects of stimulants in humans: Replication study. <i>Synapse</i> , 2002, 46, 79-82.	1.2	242
43	The role of dopamine in motivation for food in humans: implications for obesity. <i>Expert Opinion on Therapeutic Targets</i> , 2002, 6, 601-609.	3.4	241
44	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.	7.2	241
45	Dopamine D2 Receptor Availability in Opiate-Dependent Subjects before and after Naloxone-Precipitated Withdrawal. <i>Neuropsychopharmacology</i> , 1997, 16, 174-182.	5.4	240
46	Higher Cortical and Lower Subcortical Metabolism in Detoxified Methamphetamine Abusers. <i>American Journal of Psychiatry</i> , 2001, 158, 383-389.	7.2	236
47	Brain dopamine transporter levels in treatment and drug naïve adults with ADHD. <i>NeuroImage</i> , 2007, 34, 1182-1190.	4.2	226
48	Monoamine Oxidase and Cigarette Smoking. <i>NeuroToxicology</i> , 2003, 24, 75-82.	3.0	218
49	Effects of Cell Phone Radiofrequency Signal Exposure on Brain Glucose Metabolism. <i>JAMA - Journal of the American Medical Association</i> , 2011, 305, 808.	7.4	218
50	Brain Monoamine Oxidase A Activity Predicts Trait Aggression. <i>Journal of Neuroscience</i> , 2008, 28, 5099-5104.	3.6	215
51	Partial Recovery of Brain Metabolism in Methamphetamine Abusers After Protracted Abstinence. <i>American Journal of Psychiatry</i> , 2004, 161, 242-248.	7.2	210
52	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.	4.2	208
53	Evidence of gender differences in the ability to inhibit brain activation elicited by food stimulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1249-1254.	7.1	207
54	Evidence That Sleep Deprivation Downregulates Dopamine D2R in Ventral Striatum in the Human Brain. <i>Journal of Neuroscience</i> , 2012, 32, 6711-6717.	3.6	203

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55	Decreased brain dopaminergic transporters in HIV-associated dementia patients. <i>Brain</i> , 2004, 127, 2452-2458.	7.6	199
56	Brain dopamine is associated with eating behaviors in humans. <i>International Journal of Eating Disorders</i> , 2003, 33, 136-142.	4.0	197
57	Methylphenidate-Elicited Dopamine Increases in Ventral Striatum Are Associated with Long-Term Symptom Improvement in Adults with Attention Deficit Hyperactivity Disorder. <i>Journal of Neuroscience</i> , 2012, 32, 841-849.	3.6	181
58	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.	7.1	180
59	Role of dopamine in the therapeutic and reinforcing effects of methylphenidate in humans: results from imaging studies. <i>European Neuropsychopharmacology</i> , 2002, 12, 557-566.	0.7	178
60	Sleep Deprivation Decreases Binding of [ <sup>11</sup> C]Raclopride to Dopamine D <sub>2</sub> /D <sub>3</sub> Receptors in the Human Brain. <i>Journal of Neuroscience</i> , 2008, 28, 8454-8461.	3.6	168
61	Methylphenidate and cocaine have a similar in vivo potency to block dopamine transporters in the human brain. <i>Life Sciences</i> , 1999, 65, PL7-PL12.	4.3	166
62	The Neuropsychology of Cocaine Addiction: Recent Cocaine Use Masks Impairment. <i>Neuropsychopharmacology</i> , 2009, 34, 1112-1122.	5.4	166
63	Effects of route of administration on cocaine induced dopamine transporter blockade in the human brain. <i>Life Sciences</i> , 2000, 67, 1507-1515.	4.3	156
64	Effects of alcohol detoxification on dopamine D2 receptors in alcoholics: a preliminary study. <i>Psychiatry Research - Neuroimaging</i> , 2002, 116, 163-172.	1.8	156
65	Slow recovery of human brain MAO B after L-Deprenyl (Selegiline) withdrawal. <i>Synapse</i> , 1994, 18, 86-93.	1.2	155
66	Motivated attention to cocaine and emotional cues in abstinent and current cocaine users - an ERP study. <i>European Journal of Neuroscience</i> , 2011, 33, 1716-1723.	2.6	154
67	Cannabis Addiction and the Brain: a Review. <i>Journal of NeuroImmune Pharmacology</i> , 2018, 13, 438-452.	4.1	154
68	A Strategy for Removing the Bias in the Graphical Analysis Method. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2001, 21, 307-320.	4.3	152
69	Gastric stimulation in obese subjects activates the hippocampus and other regions involved in brain reward circuitry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15641-15645.	7.1	152
70	Addiction changes orbitofrontal gyrus function: involvement in response inhibition. <i>NeuroReport</i> , 2001, 12, 2595-2599.	1.2	151
71	Effects of Blood Flow on [ <sup>11</sup> C]Raclopride Binding in the Brain: Model Simulations and Kinetic Analysis of PET Data. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1994, 14, 995-1010.	4.3	150
72	Brain glucose metabolism in violent psychiatric patients: a preliminary study. <i>Psychiatry Research - Neuroimaging</i> , 1995, 61, 243-253.	1.8	144

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73	Effects of crack cocaine on neurocognitive function. <i>Psychiatry Research</i> , 1996, 60, 167-176.	3.3	141
74	Decreased brain dopamine transporters are related to cognitive deficits in HIV patients with or without cocaine abuse. <i>NeuroImage</i> , 2008, 42, 869-878.	4.2	138
75	Dopamine Transporters in Striatum Correlate with Deactivation in the Default Mode Network during Visuospatial Attention. <i>PLoS ONE</i> , 2009, 4, e6102.	2.5	133
76	Imaging of Brain Dopamine Pathways. <i>Journal of Addiction Medicine</i> , 2009, 3, 8-18.	2.6	131
77	Food restriction markedly increases dopamine D2 receptor (D2R) in a rat model of obesity as assessed with in vivo $^{11}\text{C}$ PET imaging ( $^{11}\text{C}$ raclopride) and in vitro ( $^3\text{H}$ spiperone) autoradiography. <i>Synapse</i> , 2008, 62, 50-61.	1.2	128
78	Distribution and Pharmacokinetics of Methamphetamine in the Human Body: Clinical Implications. <i>PLoS ONE</i> , 2010, 5, e15269.	2.5	127
79	Measuring age-related changes in dopamine D2 receptors with $^{11}\text{C}$ -raclopride and $^{18}\text{F}$ -N-methylspiperidol. <i>Psychiatry Research - Neuroimaging</i> , 1996, 67, 11-16.	1.8	126
80	Stimulant-Induced Enhanced Sexual Desire as a Potential Contributing Factor in HIV Transmission. <i>American Journal of Psychiatry</i> , 2007, 164, 157-160.	7.2	124
81	Enhanced resting activity of the oral somatosensory cortex in obese subjects. <i>NeuroReport</i> , 2002, 13, 1151-1155.	1.2	118
82	Evidence That Brain MAO A Activity Does Not Correspond to MAO A Genotype in Healthy Male Subjects. <i>Biological Psychiatry</i> , 2007, 62, 355-358.	1.3	109
83	Oral methylphenidate normalizes cingulate activity in cocaine addiction during a salient cognitive task. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16667-16672.	7.1	108
84	DRD2 Gene Transfer Into the Nucleus Accumbens Core of the Alcohol Preferring and Nonpreferring Rats Attenuates Alcohol Drinking. <i>Alcoholism: Clinical and Experimental Research</i> , 2004, 28, 720-728.	2.4	106
85	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.	4.2	106
86	Overlapping patterns of brain activation to food and cocaine cues in cocaine abusers. <i>Human Brain Mapping</i> , 2015, 36, 120-136.	3.6	102
87	Long-Term Stimulant Treatment Affects Brain Dopamine Transporter Level in Patients with Attention Deficit Hyperactive Disorder. <i>PLoS ONE</i> , 2013, 8, e63023.	2.5	99
88	Low doses of alcohol substantially decrease glucose metabolism in the human brain. <i>NeuroImage</i> , 2006, 29, 295-301.	4.2	98
89	Methylphenidate Decreased the Amount of Glucose Needed by the Brain to Perform a Cognitive Task. <i>PLoS ONE</i> , 2008, 3, e2017.	2.5	98
90	Unique distribution of aromatase in the human brain: In vivo studies with PET and $^{11}\text{C}$ -methyl- $^{11}\text{C}$ vorozole. <i>Synapse</i> , 2010, 64, 801-807.	1.2	98

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91	Incentive motivation is associated with striatal dopamine asymmetry. <i>Biological Psychology</i> , 2008, 77, 98-101.	2.2	90
92	Enhanced Choice for Viewing Cocaine Pictures in Cocaine Addiction. <i>Biological Psychiatry</i> , 2009, 66, 169-176.	1.3	90
93	Impaired insight in cocaine addiction: laboratory evidence and effects on cocaine-seeking behaviour. <i>Brain</i> , 2010, 133, 1484-1493.	7.6	90
94	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.	3.1	89
95	6-[18F]Fluoro-A-85380, a new PET tracer for the nicotinic acetylcholine receptor: Studies in the human brain and in vivo demonstration of specific binding in white matter. <i>Synapse</i> , 2004, 53, 184-189.	1.2	89
96	Acute alcohol intoxication decreases glucose metabolism but increases acetate uptake in the human brain. <i>NeuroImage</i> , 2013, 64, 277-283.	4.2	88
97	Regional Brain Metabolism During Alcohol Intoxication. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 822-829.	2.4	85
98	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.	4.1	85
99	Fast uptake and long-lasting binding of methamphetamine in the human brain: Comparison with cocaine. <i>NeuroImage</i> , 2008, 43, 756-763.	4.2	83
100	Regional Brain Metabolic Response to Lorazepam in Subjects at Risk for Alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 1995, 19, 510-516.	2.4	82
101	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.	2.4	82
102	Positron emission tomography and single-photon emission computed tomography in substance abuse research. <i>Seminars in Nuclear Medicine</i> , 2003, 33, 114-128.	4.6	80
103	Low monoamine oxidase B in peripheral organs in smokers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11600-11605.	7.1	78
104	Reduced Metabolism in Brain "Control Networks" following Cocaine-Cues Exposure in Female Cocaine Abusers. <i>PLoS ONE</i> , 2011, 6, e16573.	2.5	78
105	Age-related changes in brain: II. Positron emission tomography of frontal and temporal lobe glucose metabolism in normal subjects. <i>Psychiatric Quarterly</i> , 1995, 66, 357-370.	2.1	72
106	[11]Cocaine: PET studies of cocaine pharmacokinetics, dopamine transporter availability and dopamine transporter occupancy. <i>Nuclear Medicine and Biology</i> , 2001, 28, 561-572.	0.6	71
107	Whole-brain circuit dissection in free-moving animals reveals cell-specific mesocorticolimbic networks. <i>Journal of Clinical Investigation</i> , 2013, 123, 5342-5350.	8.2	71
108	Depression of Thalamic Metabolism by Lorazepam Is Associated with Sleepiness. <i>Neuropsychopharmacology</i> , 1995, 12, 123-132.	5.4	70

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109	d-Cycloserine accelerates the extinction of cocaine-induced conditioned place preference in C57BL/c mice. <i>Behavioural Brain Research</i> , 2009, 199, 345-349.	2.2	68
110	Evaluation of age-related changes in serotonin 5-HT <sub>2</sub> and dopamine D <sub>2</sub> receptor availability in healthy human subjects. <i>Life Sciences</i> , 1995, 56, PL249-PL253.	4.3	66
111	Imaging the norepinephrine transporter in humans with (S,S)-[11C]O-methyl reboxetine and PET: problems and progress. <i>Nuclear Medicine and Biology</i> , 2007, 34, 667-679.	0.6	65
112	Maintenance of Brain Monoamine Oxidase B Inhibition in Smokers After Overnight Cigarette Abstinence. <i>American Journal of Psychiatry</i> , 2000, 157, 1864-1866.	7.2	63
113	Neural mechanisms of anger regulation as a function of genetic risk for violence.. <i>Emotion</i> , 2009, 9, 385-396.	1.8	63
114	Evidence that Formulations of the Selective MAO-B Inhibitor, Selegiline, which Bypass First-Pass Metabolism, also Inhibit MAO-A in the Human Brain. <i>Neuropsychopharmacology</i> , 2015, 40, 650-657.	5.4	63
115	Correspondence between cerebral glucose metabolism and BOLD reveals relative power and cost in human brain. <i>Nature Communications</i> , 2019, 10, 690.	12.8	62
116	Apparent diffusion coefficient changes in human brain during sleep “ Does it inform on the existence of a glymphatic system?. <i>NeuroImage</i> , 2019, 185, 263-273.	4.2	62
117	Measuring dopamine transporter occupancy by cocaine in vivo: Radiotracer considerations. , 1998, 28, 111-116.		61
118	Recovery of dopamine transporters with methamphetamine detoxification is not linked to changes in dopamine release. <i>NeuroImage</i> , 2015, 121, 20-28.	4.2	61
119	Behavioral and Cardiovascular Effects of Intravenous Methylphenidate in Normal Subjects and Cocaine Abusers. <i>European Addiction Research</i> , 1997, 3, 49-54.	2.4	60
120	Hyperstimulation of striatal D <sub>2</sub> receptors with sleep deprivation: Implications for cognitive impairment. <i>NeuroImage</i> , 2009, 45, 1232-1240.	4.2	60
121	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.	5.4	59
122	Dopamine-related frontostriatal abnormalities in obesity and binge-eating disorder: Emerging evidence for developmental psychopathology. <i>International Review of Psychiatry</i> , 2012, 24, 211-218.	2.8	58
123	Socioeconomic status is associated with striatal dopamine D <sub>2</sub> /D <sub>3</sub> receptors in healthy volunteers but not in cocaine abusers. <i>Neuroscience Letters</i> , 2016, 617, 27-31.	2.1	58
124	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.	5.4	57
125	Moderate doses of alcohol disrupt the functional organization of the human brain. <i>Psychiatry Research - Neuroimaging</i> , 2008, 162, 205-213.	1.8	56
126	A pattern of perseveration in cocaine addiction may reveal neurocognitive processes implicit in the Wisconsin Card Sorting Test. <i>Neuropsychologia</i> , 2011, 49, 1660-1669.	1.6	56



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127	Leptin receptor deficiency is associated with upregulation of cannabinoid 1 receptors in limbic brain regions. <i>Synapse</i> , 2008, 62, 637-642.	1.2	53
128	Gastric Bypass Increases Ethanol and Water Consumption in Diet-Induced Obese Rats. <i>Obesity Surgery</i> , 2012, 22, 1884-1892.	2.1	52
129	Striatal dopamine D2 receptor availability predicts the thalamic and medial prefrontal responses to reward in cocaine abusers three years later. <i>Synapse</i> , 2010, 64, 397-402.	1.2	51
130	Methylphenidate Attenuates Limbic Brain Inhibition after Cocaine-Cues Exposure in Cocaine Abusers. <i>PLoS ONE</i> , 2010, 5, e11509.	2.5	51
131	Concentration and occupancy of dopamine transporters in cocaine abusers with [ <sup>11</sup> C]cocaine and PET. <i>Synapse</i> , 1997, 27, 347-356.	1.2	50
132	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.	2.4	50
133	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.	3.4	50
134	PET imaging predicts future body weight and cocaine preference. <i>NeuroImage</i> , 2012, 59, 1508-1513.	4.2	49
135	<i>DRD4</i> Genotype Predicts Longevity in Mouse and Human. <i>Journal of Neuroscience</i> , 2013, 33, 286-291.	3.6	49
136	Monoamine oxidase: radiotracer chemistry and human studies. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2015, 58, 51-64.	1.0	49
137	Imaging Studies of Cocaine in the Human Brain and Studies of the Cocaine Addict. <i>Annals of the New York Academy of Sciences</i> , 1997, 820, 41-55.	3.8	48
138	The slow and long-lasting blockade of dopamine transporters in human brain induced by the new antidepressant drug radafaxine predict poor reinforcing effects. <i>Biological Psychiatry</i> , 2005, 57, 640-646.	1.3	48
139	Chronic forced exercise during adolescence decreases cocaine conditioned place preference in Lewis rats. <i>Behavioural Brain Research</i> , 2010, 215, 77-82.	2.2	48
140	Reduced plasma ghrelin concentrations are associated with decreased brain reactivity to food cues after laparoscopic sleeve gastrectomy. <i>Psychoneuroendocrinology</i> , 2019, 100, 229-236.	2.7	47
141	Association of Body Mass and Brain Activation during Gastric Distention: Implications for Obesity. <i>PLoS ONE</i> , 2009, 4, e6847.	2.5	47
142	Aromatase Imaging with [ <sup>11</sup> C]-Methyl-Vorozole PET in Healthy Men and Women. <i>Journal of Nuclear Medicine</i> , 2015, 56, 580-585.	5.0	46
143	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.	3.6	46
144	Molecular Imaging of Opioid and Dopamine Systems: Insights Into the Pharmacogenetics of Opioid Use Disorders. <i>Frontiers in Psychiatry</i> , 2019, 10, 626.	2.6	46

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145	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.	4.3	45
146	Abnormal frontostriatal tracts in young male tobacco smokers. <i>NeuroImage</i> , 2018, 183, 346-355.	4.2	45
147	Effects of low-field magnetic stimulation on brain glucose metabolism. <i>NeuroImage</i> , 2010, 51, 623-628.	4.2	43
148	Reversible Inhibitors of Monoamine Oxidase-A (RIMAs): Robust, Reversible Inhibition of Human Brain MAO-A by CX157. <i>Neuropsychopharmacology</i> , 2010, 35, 623-631.	5.4	43
149	Daily treadmill exercise attenuates cocaine cue-induced reinstatement and cocaine induced locomotor response but increases cocaine-primed reinstatement. <i>Behavioural Brain Research</i> , 2013, 239, 8-14.	2.2	43
150	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.	3.6	43
151	Comparison of two PET radioligands for imaging extrastriatal dopamine transporters in human brain. <i>Life Sciences</i> , 1995, 57, PL187-PL191.	4.3	42
152	Reproducibility of repeated measures of deuterium substituted [11C]L-deprenyl ([11C]L-deprenyl-D2) binding in the human brain. <i>Nuclear Medicine and Biology</i> , 2000, 27, 43-49.	0.6	42
153	The effects of two highly selective dopamine D3 receptor antagonists (SB-277011A and NGB-2904) on food self-administration in a rodent model of obesity. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 89, 499-507.	2.9	42
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