

# Alain Dagher

## List of Publications by Year in descending order

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229  
papers

24,286  
citations

11651

70  
h-index

8396

147  
g-index

283  
all docs

283  
docs citations

283  
times ranked

24110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for striatal dopamine release during a video game. <i>Nature</i> , 1998, 393, 266-268.	27.8	1,079
2	Changes in brain activity related to eating chocolate: From pleasure to aversion. <i>Brain</i> , 2001, 124, 1720-1733.	7.6	990
3	Wisconsin Card Sorting Revisited: Distinct Neural Circuits Participating in Different Stages of the Task Identified by Event-Related Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2001, 21, 7733-7741.	3.6	912
4	Repetitive Transcranial Magnetic Stimulation of the Human Prefrontal Cortex Induces Dopamine Release in the Caudate Nucleus. <i>Journal of Neuroscience</i> , 2001, 21, RC157-RC157.	3.6	852
5	Chrelin. <i>Molecular Metabolism</i> , 2015, 4, 437-460.	6.5	810
6	Cognitive Strategies Dependent on the Hippocampus and Caudate Nucleus in Human Navigation: Variability and Change with Practice. <i>Journal of Neuroscience</i> , 2003, 23, 5945-5952.	3.6	696
7	Anatomically distinct dopamine release during anticipation and experience of peak emotion to music. <i>Nature Neuroscience</i> , 2011, 14, 257-262.	14.8	639
8	Dopamine Release in Response to a Psychological Stress in Humans and Its Relationship to Early Life Maternal Care: A Positron Emission Tomography Study Using [ <sup>11</sup> C]Raclopride. <i>Journal of Neuroscience</i> , 2004, 24, 2825-2831.	3.6	622
9	Chrelin Modulates Brain Activity in Areas that Control Appetitive Behavior. <i>Cell Metabolism</i> , 2008, 7, 400-409.	16.2	579
10	Interactions Between the Nucleus Accumbens and Auditory Cortices Predict Music Reward Value. <i>Science</i> , 2013, 340, 216-219.	12.6	546
11	Feeding-induced dopamine release in dorsal striatum correlates with meal pleasantness ratings in healthy human volunteers. <i>NeuroImage</i> , 2003, 19, 1709-1715.	4.2	522
12	Deactivation of the Limbic System During Acute Psychosocial Stress: Evidence from Positron Emission Tomography and Functional Magnetic Resonance Imaging Studies. <i>Biological Psychiatry</i> , 2008, 63, 234-240.	1.3	516
13	Alcohol promotes dopamine release in the human nucleus accumbens. <i>Synapse</i> , 2003, 49, 226-231.	1.2	482
14	Striatal dopamine release induced by repetitive transcranial magnetic stimulation of the human motor cortex. <i>Brain</i> , 2003, 126, 2609-2615.	7.6	478
15	Dopamine neurons implanted into people with Parkinson's disease survive without pathology for 14 years. <i>Nature Medicine</i> , 2008, 14, 507-509.	30.7	410
16	Cell type analysis of functional fetal dopamine cell suspension transplants in the striatum and substantia nigra of patients with Parkinson's disease. <i>Brain</i> , 2005, 128, 1498-1510.	7.6	406
17	Amphetamine-Induced Increases in Extracellular Dopamine, Drug Wanting, and Novelty Seeking A PET/[ <sup>11</sup> C]Raclopride Study in Healthy Men. <i>Neuropsychopharmacology</i> , 2002, 27, 1027-1035.	5.4	404
18	Impaired small-world efficiency in structural cortical networks in multiple sclerosis associated with white matter lesion load. <i>Brain</i> , 2009, 132, 3366-3379.	7.6	404

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19	Clinical criteria for subtyping Parkinson's disease: biomarkers and longitudinal progression. <i>Brain</i> , 2017, 140, 1959-1976.	7.6	391
20	Food and drug cues activate similar brain regions: A meta-analysis of functional MRI studies. <i>Physiology and Behavior</i> , 2012, 106, 317-324.	2.1	386
21	Fibromyalgia patients show an abnormal dopamine response to pain. <i>European Journal of Neuroscience</i> , 2007, 25, 3576-3582.	2.6	362
22	Neural Bases of Set-Shifting Deficits in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2004, 24, 702-710.	3.6	316
23	Personality, Addiction, Dopamine: Insights from Parkinson's Disease. <i>Neuron</i> , 2009, 61, 502-510.	8.1	313
24	Effects of Expectancy and Abstinence on the Neural Response to Smoking Cues in Cigarette Smokers: an fMRI Study. <i>Neuropsychopharmacology</i> , 2006, 31, 2728-2738.	5.4	285
25	Predictions and the brain: how musical sounds become rewarding. <i>Trends in Cognitive Sciences</i> , 2015, 19, 86-91.	7.8	277
26	Abnormal basal ganglia outflow in Parkinson's disease identified with PET. Implications for higher cortical functions. <i>Brain</i> , 1998, 121, 949-965.	7.6	271
27	Stress regulation in the central nervous system: evidence from structural and functional neuroimaging studies in human populations - 2008 Curt Richter Award Winner. <i>Psychoneuroendocrinology</i> , 2010, 35, 179-191.	2.7	267
28	Modeling Sensitization to Stimulants in Humans. <i>Archives of General Psychiatry</i> , 2006, 63, 1386-95.	12.3	255
29	The role of the striatum and hippocampus in planning: A PET activation study in Parkinson's disease. <i>Brain</i> , 2001, 124, 1020-1032.	7.6	232
30	Role of the Human Rostral Supplementary Motor Area and the Basal Ganglia in Motor Sequence Control: Investigations With $^{15}\text{O}$ PET. <i>Journal of Neurophysiology</i> , 1998, 79, 1070-1080.	1.8	226
31	Dopamine Transmission in the Human Striatum during Monetary Reward Tasks. <i>Journal of Neuroscience</i> , 2004, 24, 4105-4112.	3.6	210
32	Dorsolateral prefrontal and orbitofrontal cortex interactions during self-control of cigarette craving. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4422-4427.	7.1	206
33	Dopamine Depletion Impairs Frontostriatal Functional Connectivity during a Set-Shifting Task. <i>Journal of Neuroscience</i> , 2008, 28, 3697-3706.	3.6	202
34	Neurobehavioural correlates of body mass index and eating behaviours in adults: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 279-299.	6.1	200
35	Conditioned Dopamine Release in Humans: A Positron Emission Tomography [ $^{11}\text{C}$ ]Raclopride Study with Amphetamine. <i>Journal of Neuroscience</i> , 2007, 27, 3998-4003.	3.6	199
36	Network connectivity determines cortical thinning in early Parkinson's disease progression. <i>Nature Communications</i> , 2018, 9, 12.	12.8	198

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37	Mega-Analysis of Gray Matter Volume in Substance Dependence: General and Substance-Specific Regional Effects. <i>American Journal of Psychiatry</i> , 2019, 176, 119-128.	7.2	190
38	Network structure of brain atrophy in de novo Parkinson's disease. <i>ELife</i> , 2015, 4, .	6.0	187
39	Supra-Additive Effects of Combining Fat and Carbohydrate on Food Reward. <i>Cell Metabolism</i> , 2018, 28, 33-44.e3.	16.2	180
40	Statistical mapping analysis of lesion location and neurological disability in multiple sclerosis: application to 452 patient data sets. <i>NeuroImage</i> , 2003, 19, 532-544.	4.2	176
41	Focal cortical atrophy in multiple sclerosis: Relation to lesion load and disability. <i>NeuroImage</i> , 2007, 34, 509-517.	4.2	173
42	The hedonic response to cigarette smoking is proportional to dopamine release in the human striatum as measured by positron emission tomography and [ <sup>11</sup> C]raclopride. <i>Synapse</i> , 2004, 54, 65-71.	1.2	157
43	Eating traits questionnaires as a continuum of a single concept. Uncontrolled eating. <i>Appetite</i> , 2015, 90, 229-239.	3.7	156
44	Simultaneous intrastriatal and intranigral fetal dopaminergic grafts in patients with Parkinson disease: a pilot study. <i>Journal of Neurosurgery</i> , 2002, 96, 589-596.	1.6	145
45	Dynamic functional changes associated with cognitive skill learning of an adapted version of the Tower of London task. <i>NeuroImage</i> , 2003, 20, 1649-1660.	4.2	132
46	Striatal D1 and D2 signaling differentially predict learning from positive and negative outcomes. <i>NeuroImage</i> , 2015, 109, 95-101.	4.2	131
47	Stress-Induced Dopamine Release in Humans at Risk of Psychosis: a [ <sup>11</sup> C]Raclopride PET Study. <i>Neuropsychopharmacology</i> , 2008, 33, 2033-2041.	5.4	127
48	Functional brain imaging of appetite. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 250-260.	7.1	127
49	Uncontrolled eating: a unifying heritable trait linked with obesity, overeating, personality and the brain. <i>European Journal of Neuroscience</i> , 2019, 50, 2430-2445.	2.6	125
50	Reduced dopamine D1 receptor binding in the ventral striatum of cigarette smokers. <i>Synapse</i> , 2001, 42, 48-53.	1.2	118
51	Neuroanatomical differences in obesity: meta-analytic findings and their validation in an independent dataset. <i>International Journal of Obesity</i> , 2019, 43, 943-951.	3.4	116
52	The default network of the human brain is associated with perceived social isolation. <i>Nature Communications</i> , 2020, 11, 6393.	12.8	108
53	Enhancement of survival of stored dopaminergic cells and promotion of graft survival by exposure of human fetal nigral tissue to glial cell line-derived neurotrophic factor in patients with Parkinson's disease. <i>Journal of Neurosurgery</i> , 2000, 92, 863-869.	1.6	106
54	Striatal Dopamine Responses to Intranasal Cocaine Self-Administration in Humans. <i>Biological Psychiatry</i> , 2009, 65, 846-850.	1.3	106

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55	Neurobehavioral correlates of obesity are largely heritable. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9312-9317.	7.1	105
56	Predictability and Uncertainty in the Pleasure of Music: A Reward for Learning?. Journal of Neuroscience, 2019, 39, 9397-9409.	3.6	105
57	Dopamine Precursor Depletion Impairs Timing in Healthy Volunteers by Attenuating Activity in Putamen and Supplementary Motor Area. Journal of Neuroscience, 2012, 32, 16704-16715.	3.6	101
58	Musical reward prediction errors engage the nucleus accumbens and motivate learning. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3310-3315.	7.1	88
59	Decreasing Amphetamine-Induced Dopamine Release by Acute Phenylalanine/Tyrosine Depletion: A PET/[11C]Raclopride Study in Healthy Men. Neuropsychopharmacology, 2004, 29, 427-432.	5.4	87
60	Critical involvement of the thalamus and precuneus during restoration of consciousness with physostigmine in humans during propofol anaesthesia: a positron emission tomography study. British Journal of Anaesthesia, 2011, 106, 548-557.	3.4	87
61	Spatial Patterning of Tissue Volume Loss in Schizophrenia Reflects Brain Network Architecture. Biological Psychiatry, 2020, 87, 727-735.	1.3	87
62	Anatomical and functional organization of the human substantia nigra and its connections. ELife, 2017, 6, .	6.0	86
63	Overlapping Neural Endophenotypes in Addiction and Obesity. Frontiers in Endocrinology, 2017, 8, 127.	3.5	84
64	Compensatory striatal-cerebellar connectivity in mild-moderate Parkinson's disease. NeuroImage: Clinical, 2016, 10, 54-62.	2.7	83
65	Dopamine Signaling Modulates the Stability and Integration of Intrinsic Brain Networks. Cerebral Cortex, 2019, 29, 397-409.	2.9	83
66	Cognitive- and motor-related regions in Parkinson's disease: FDOPA and FDG PET studies. NeuroImage, 2004, 22, 553-561.	4.2	80
67	Local vulnerability and global connectivity jointly shape neurodegenerative disease propagation. PLoS Biology, 2019, 17, e3000495.	5.6	79
68	A Statistical Method for the Analysis of Positron Emission Tomography Neuroreceptor Ligand Data. NeuroImage, 2000, 12, 245-256.	4.2	78
69	Neural correlates of dietary self-control in healthy adults: A meta-analysis of functional brain imaging studies. Physiology and Behavior, 2018, 192, 98-108.	2.1	78
70	Dopamine modulates default mode network deactivation in elderly individuals during the Tower of London task. Neuroscience Letters, 2009, 458, 1-5.	2.1	77
71	Cocaine Cue-Induced Dopamine Release in Amygdala and Hippocampus: A High-Resolution PET [18F]Fallypride Study in Cocaine Dependent Participants. Neuropsychopharmacology, 2013, 38, 1780-1788.	5.4	77
72	Subthalamic deep brain stimulation does not induce striatal dopamine release in Parkinson's disease. NeuroReport, 2003, 14, 1287-1289.	1.2	75

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73	An acute psychosocial stress enhances the neural response to smoking cues. <i>Brain Research</i> , 2009, 1293, 40-48.	2.2	74
74	Motion correction of multi-frame PET data in neuroreceptor mapping: Simulation based validation. <i>NeuroImage</i> , 2009, 47, 1496-1505.	4.2	73
75	Behavioral and Neural Valuation of Foods Is Driven by Implicit Knowledge of Caloric Content. <i>Psychological Science</i> , 2014, 25, 2168-2176.	3.3	68
76	A clinical-anatomical signature of Parkinson's disease identified with partial least squares and magnetic resonance imaging. <i>NeuroImage</i> , 2019, 190, 69-78.	4.2	66
77	Perceived early-life maternal care and the cortisol response to repeated psychosocial stress. <i>Journal of Psychiatry and Neuroscience</i> , 2010, 35, 370-377.	2.4	64
78	Dopamine-Based Reward Circuitry Responsivity, Genetics, and Overeating. <i>Current Topics in Behavioral Neurosciences</i> , 2010, 6, 81-93.	1.7	63
79	Neurocognitive and Hormonal Correlates of Voluntary Weight Loss in Humans. <i>Cell Metabolism</i> , 2019, 29, 39-49.e4.	16.2	63
80	Association Between Midlife Obesity and Its Metabolic Consequences, Cerebrovascular Disease, and Cognitive Decline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e4260-e4274.	3.6	63
81	Limbic system mGluR5 availability in cocaine dependent subjects: A high-resolution PET [ <sup>11</sup> C]ABP688 study. <i>NeuroImage</i> , 2014, 98, 195-202.	4.2	62
82	Predictive model of spread of Parkinson's pathology using network diffusion. <i>NeuroImage</i> , 2019, 192, 178-194.	4.2	61
83	Effect of Vascular Activity in the Determination of Rate Constants for the Uptake of <sup>18</sup> F-Labeled 2-Fluoro-2-Deoxy-D-Glucose: Error Analysis and Normal Values in Older Subjects. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1986, 6, 724-738.	4.3	59
84	Good practice in food-related neuroimaging. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 491-503.	4.7	56
85	Stress-induced dopamine release in human medial prefrontal cortex- <sup>18</sup> F-Fallypride/PET study in healthy volunteers. <i>Synapse</i> , 2013, 67, 821-830.	1.2	55
86	Sex effects on brain structure in de novo Parkinson's disease: a multimodal neuroimaging study. <i>Brain</i> , 2020, 143, 3052-3066.	7.6	54
87	White matter hyperintensities are linked to future cognitive decline in de novo Parkinson's disease patients. <i>NeuroImage: Clinical</i> , 2018, 20, 892-900.	2.7	53
88	Hemodynamic and metabolic effects of cerebral arteriovenous malformations studied by positron emission tomography. <i>Stroke</i> , 1989, 20, 890-898.	2.0	50
89	Increased cortisol awakening response and afternoon/evening cortisol output in healthy young adults with low early life parental care. <i>Psychopharmacology</i> , 2011, 214, 261-268.	3.1	50
90	From anticipation to action, the role of dopamine in perceptual decision making: an fMRI-tyrosine depletion study. <i>Journal of Neurophysiology</i> , 2012, 108, 501-512.	1.8	49

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91	Reduced Dopamine Response to Amphetamine in Subjects at Ultra-High Risk for Addiction. <i>Biological Psychiatry</i> , 2014, 76, 23-30.	1.3	49
92	Dopamine precursor depletion impairs structure and efficiency of resting state brain functional networks. <i>Neuropharmacology</i> , 2014, 84, 90-100.	4.1	48
93	Neural transplantation cannula and microinjector system: experimental and clinical experience. <i>Journal of Neurosurgery</i> , 2000, 92, 493-499.	1.6	47
94	Role of the parahippocampal cortex in memory for the configuration but not the identity of objects: converging evidence from patients with selective thermal lesions and fMRI. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 431.	2.0	47
95	Cocaine cue-induced dopamine release in the human prefrontal cortex. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 322-330.	2.4	47
96	Defective Fas expression exacerbates neurotoxicity in a model of Parkinson's disease. <i>Journal of Experimental Medicine</i> , 2005, 202, 575-581.	8.5	45
97	Genetic variation in CYP2A6 predicts neural reactivity to smoking cues as measured using fMRI. <i>NeuroImage</i> , 2012, 60, 2136-2143.	4.2	45
98	The role of dopamine in risk taking: a specific look at Parkinson's disease and gambling. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 196.	2.0	43
99	Dopamine cross-sensitization between psychostimulant drugs and stress in healthy male volunteers. <i>Translational Psychiatry</i> , 2016, 6, e740-e740.	4.8	42
100	Effects of levodopa on corticostriatal circuits supporting working memory in Parkinson's disease. <i>Cortex</i> , 2017, 93, 193-205.	2.4	41
101	Overweight is not associated with cortical thickness alterations in children. <i>Frontiers in Neuroscience</i> , 2015, 9, 24.	2.8	40
102	Ghrelin Enhances Food Odor Conditioning in Healthy Humans: An fMRI Study. <i>Cell Reports</i> , 2018, 25, 2643-2652.e4.	6.4	40
103	Limbic response to psychosocial stress in schizotypy: A functional magnetic resonance imaging study. <i>Schizophrenia Research</i> , 2011, 131, 184-191.	2.0	39
104	Differential Striatal Dopamine Responses Following Oral Alcohol in Individuals at Varying Risk for Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 126-134.	2.4	39
105	The effects of exercise on sleep quality in persons with Parkinson's disease: A systematic review with meta-analysis. <i>Sleep Medicine Reviews</i> , 2021, 55, 101384.	8.5	39
106	Amphetamine-Induced Dopamine Release and Neurocognitive Function in Treatment-Naive Adults with ADHD. <i>Neuropsychopharmacology</i> , 2014, 39, 1498-1507.	5.4	38
107	Is obesity related to enhanced neural reactivity to visual food cues? A review and meta-analysis. <i>Social Cognitive and Affective Neuroscience</i> , 2023, 18, .	3.0	38
108	Neural substrates of cognitive skill learning in Parkinson's disease. <i>Brain and Cognition</i> , 2008, 68, 134-143.	1.8	37

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109	Striatal dopamine transmission in healthy humans during a passive monetary reward task. <i>NeuroImage</i> , 2008, 39, 2058-2065.	4.2	37
110	Effects of lowered serotonin transmission on cocaine-induced striatal dopamine response: PET [ <sup>11</sup> C]raclopride study in humans. <i>British Journal of Psychiatry</i> , 2011, 199, 391-397.	2.8	37
111	Gene and environment interaction: Is the differential susceptibility hypothesis relevant for obesity?. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 73, 326-339.	6.1	37
112	Stimulation of dopa decarboxylase activity in striatum of healthy human brain secondary to NMDA receptor antagonism with a low dose of amantadine. , 1999, 34, 313-318.		36
113	Resting State Executive Control Network Adaptations in Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 993-1004.	2.6	36
114	Personality-obesity associations are driven by narrow traits: A meta-analysis. <i>Obesity Reviews</i> , 2019, 20, 1121-1131.	6.5	36
115	Improving Assessment of the Spectrum of Reward-Related Eating: The RED-13. <i>Frontiers in Psychology</i> , 2017, 8, 795.	2.1	35
116	The Quebec Parkinson Network: A Researcher-Patient Matching Platform and Multimodal Biorepository. <i>Journal of Parkinson's Disease</i> , 2020, 10, 301-313.	2.8	35
117	Differentially targeted seeding reveals unique pathological alpha-synuclein propagation patterns. <i>Brain</i> , 2022, 145, 1743-1756.	7.6	34
118	State of expectancy modulates the neural response to visual food stimuli in humans. <i>Appetite</i> , 2011, 56, 302-309.	3.7	33
119	Spatio-temporal patterns of cognitive control revealed with simultaneous electroencephalography and functional magnetic resonance imaging. <i>Human Brain Mapping</i> , 2019, 40, 80-97.	3.6	33
120	Subcortical surface morphometry in substance dependence: An ENIGMA addiction working group study. <i>Addiction Biology</i> , 2020, 25, e12830.	2.6	33
121	White matter integrity differences in obesity: A meta-analysis of diffusion tensor imaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 129, 133-141.	6.1	33
122	Pharmacokinetics of radiotracers in human plasma during positron emission tomography. , 1999, 34, 124-134.		32
123	White Matter Hyperintensities Mediate Impact of Dysautonomia on Cognition in Parkinson's Disease. <i>Movement Disorders Clinical Practice</i> , 2020, 7, 639-647.	1.5	32
124	Understanding the impact of preprocessing pipelines on neuroimaging cortical surface analyses. <i>GigaScience</i> , 2021, 10, .	6.4	32
125	Pattern of Reduced Functional Connectivity and Structural Abnormalities in Parkinson's Disease: An Exploratory Study. <i>Frontiers in Neurology</i> , 2016, 7, 243.	2.4	30
126	Network structure and transcriptomic vulnerability shape atrophy in frontotemporal dementia. <i>Brain</i> , 2023, 146, 321-336.	7.6	30



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127	Genetic Variation in Dopaminergic Reward in Humans. <i>Forum of Nutrition</i> , 2010, 63, 176-185.	3.7	29
128	White Matter Abnormalities and Structural Hippocampal Disconnections in Amnesic Mild Cognitive Impairment and Alzheimer's Disease. <i>PLoS ONE</i> , 2013, 8, e74776.	2.5	28
129	De novo <i>FUS</i> P525L mutation in Juvenile amyotrophic lateral sclerosis with dysphonia and diplopia. <i>Neurology: Genetics</i> , 2016, 2, e63.	1.9	28
130	A Prodromal Brain Clinical Pattern of Cognition in Synucleinopathies. <i>Annals of Neurology</i> , 2021, 89, 341-357.	5.3	28
131	Absence of cognitive deficits following deep brain stimulation of the subthalamic nucleus for the treatment of Parkinson's disease. <i>Archives of Clinical Neuropsychology</i> , 2008, 23, 399-408.	0.5	27
132	Dopamine precursors depletion impairs impulse control in healthy volunteers. <i>Psychopharmacology</i> , 2015, 232, 477-487.	3.1	27
133	Cocaine Cue-Induced Dopamine Release in Recreational Cocaine Users. <i>Scientific Reports</i> , 2017, 7, 46665.	3.3	27
134	Assessment of a prognostic MRI biomarker in early de novo Parkinson's disease. <i>NeuroImage: Clinical</i> , 2019, 24, 101986.	2.7	26
135	Predicting severity and prognosis in Parkinson's disease from brain microstructure and connectivity. <i>NeuroImage: Clinical</i> , 2020, 25, 102111.	2.7	26
136	Mood stability during acute stimulator challenge in Parkinson's disease patients under long-term treatment with subthalamic deep brain stimulation. <i>Movement Disorders</i> , 2007, 22, 1093-1096.	3.9	25
137	Effect of d-amphetamine on inhibition and motor planning as a function of baseline performance. <i>Psychopharmacology</i> , 2010, 211, 423-433.	3.1	25
138	Academic stress and personality interact to increase the neural response to high-calorie food cues. <i>Appetite</i> , 2017, 116, 306-314.	3.7	25
139	Inter-individual body mass variations relate to fractionated functional brain hierarchies. <i>Communications Biology</i> , 2021, 4, 735.	4.4	25
140	Multimodal phenotypic axes of Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 6.	5.3	25
141	Common Effects of Amnesic Mild Cognitive Impairment on Resting-State Connectivity Across Four Independent Studies. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 242.	3.4	24
142	Latent Clinical-Anatomical Dimensions of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 1426-1438.	4.3	24
143	Real-Time Data Rebinning in PET to Obtain Uniformly Sampled Projections. <i>IEEE Transactions on Nuclear Science</i> , 1985, 32, 811-817.	2.0	23
144	A model of food reward learning with dynamic reward exposure. <i>Frontiers in Computational Neuroscience</i> , 2012, 6, 82.	2.1	23

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145	Reward Prediction Errors in Drug Addiction and Parkinson's Disease: from Neurophysiology to Neuroimaging. <i>Current Neurology and Neuroscience Reports</i> , 2017, 17, 46.	4.2	23
146	Mesocorticolimbic Connectivity and Volumetric Alterations in DCC Mutation Carriers. <i>Journal of Neuroscience</i> , 2018, 38, 4655-4665.	3.6	23
147	Age-related differences in the structural and effective connectivity of cognitive control: a combined fMRI and DTI study of mental arithmetic. <i>Neurobiology of Aging</i> , 2019, 82, 30-39.	3.1	23
148	Individual Differences in Frontal Cortical Thickness Correlate with the d-Amphetamine-Induced Striatal Dopamine Response in Humans. <i>Journal of Neuroscience</i> , 2013, 33, 15285-15294.	3.6	22
149	Genetic imaging consortium for addiction medicine. <i>Progress in Brain Research</i> , 2016, 224, 203-223.	1.4	22
150	Whole-brain functional connectivity correlates of obesity phenotypes. <i>Human Brain Mapping</i> , 2020, 41, 4912-4924.	3.6	22
151	Mapping cortical and subcortical asymmetries in substance dependence: Findings from the ENIGMA Addiction Working Group. <i>Addiction Biology</i> , 2021, 26, e13010.	2.6	22
152	Cortical and subcortical neuroanatomical signatures of schizotypy in 3004 individuals assessed in a worldwide ENIGMA study. <i>Molecular Psychiatry</i> , 2022, 27, 1167-1176.	7.9	22
153	Brain atrophy progression in Parkinson's disease is shaped by connectivity and local vulnerability. <i>Brain Communications</i> , 2021, 3, fcab269.	3.3	22
154	Imaging Performance of a Dynamic Positron Emission Tomograph: Positome IIIp. <i>IEEE Transactions on Medical Imaging</i> , 1986, 5, 183-198.	8.9	21
155	PET quantification of muscarinic cholinergic receptors with [N-11C-methyl]-benztropine and application to studies of propofol-induced unconsciousness in healthy human volunteers. <i>Synapse</i> , 2004, 51, 91-101.	1.2	21
156	Testing the Protein Propagation Hypothesis of Parkinson Disease. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951878671.	2.3	21
157	Obesity has limited behavioural overlap with addiction and psychiatric phenotypes. <i>Nature Human Behaviour</i> , 2020, 4, 27-35.	12.0	21
158	From apathy to addiction: Insights from neurology and psychiatry. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 101, 109926.	4.8	21
159	The Use of Functional Magnetic Resonance Imaging in the Study of Appetite and Obesity. , 2017, , 117-134.		21
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