

# Alain Dagher

## List of Publications by Citations

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233  
papers

18,868  
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62  
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g-index

283  
ext. papers

21,879  
ext. citations

7  
avg, IF

6.76  
L-index

#	Paper	IF	Citations
233	Evidence for striatal dopamine release during a video game. <i>Nature</i> , <b>1998</b> , 393, 266-8	50.4	884
232	Changes in brain activity related to eating chocolate: from pleasure to aversion. <i>Brain</i> , <b>2001</b> , 124, 1720-33	11.2	853
231	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> , <b>2001</b> , 21, 7733-41	6.6	805
230	Repetitive transcranial magnetic stimulation of the human prefrontal cortex induces dopamine release in the caudate nucleus. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, RC157	6.6	682
229	Cognitive strategies dependent on the hippocampus and caudate nucleus in human navigation: variability and change with practice. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 5945-52	6.6	594
228	Ghrelin. <i>Molecular Metabolism</i> , <b>2015</b> , 4, 437-60	8.8	588
227	Anatomically distinct dopamine release during anticipation and experience of peak emotion to music. <i>Nature Neuroscience</i> , <b>2011</b> , 14, 257-262	25.5	566
226	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> , <b>2004</b> , 24, 2825-31	6.6	553
225	Ghrelin modulates brain activity in areas that control appetitive behavior. <i>Cell Metabolism</i> , <b>2008</b> , 7, 400-2	24.6	504
224	Feeding-induced dopamine release in dorsal striatum correlates with meal pleasantness ratings in healthy human volunteers. <i>NeuroImage</i> , <b>2003</b> , 19, 1709-15	7.9	457
223	Deactivation of the limbic system during acute psychosocial stress: evidence from positron emission tomography and functional magnetic resonance imaging studies. <i>Biological Psychiatry</i> , <b>2008</b> , 63, 234-40	7.9	434
222	Interactions between the nucleus accumbens and auditory cortices predict music reward value. <i>Science</i> , <b>2013</b> , 340, 216-9	33.3	418
221	Alcohol promotes dopamine release in the human nucleus accumbens. <i>Synapse</i> , <b>2003</b> , 49, 226-31	2.4	407
220	Striatal dopamine release induced by repetitive transcranial magnetic stimulation of the human motor cortex. <i>Brain</i> , <b>2003</b> , 126, 2609-15	11.2	397
219	Dopamine neurons implanted into people with Parkinson's disease survive without pathology for 14 years. <i>Nature Medicine</i> , <b>2008</b> , 14, 507-9	50.5	355
218	Impaired small-world efficiency in structural cortical networks in multiple sclerosis associated with white matter lesion load. <i>Brain</i> , <b>2009</b> , 132, 3366-79	11.2	353
217	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> , <b>2005</b> , 128, 1498-510	11.2	352

216	Amphetamine-induced increases in extracellular dopamine, drug wanting, and novelty seeking: a PET/[11C]raclopride study in healthy men. <i>Neuropsychopharmacology</i> , <b>2002</b> , 27, 1027-35	8.7	348
215	Food and drug cues activate similar brain regions: a meta-analysis of functional MRI studies. <i>Physiology and Behavior</i> , <b>2012</b> , 106, 317-24	3.5	325
214	Fibromyalgia patients show an abnormal dopamine response to pain. <i>European Journal of Neuroscience</i> , <b>2007</b> , 25, 3576-82	3.5	300
213	Neural bases of set-shifting deficits in Parkinson's disease. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 702-10	6.6	279
212	Personality, addiction, dopamine: insights from Parkinson's disease. <i>Neuron</i> , <b>2009</b> , 61, 502-10	13.9	272
211	Effects of expectancy and abstinence on the neural response to smoking cues in cigarette smokers: an fMRI study. <i>Neuropsychopharmacology</i> , <b>2006</b> , 31, 2728-38	8.7	260
210	Abnormal basal ganglia outflow in Parkinson's disease identified with PET. Implications for higher cortical functions. <i>Brain</i> , <b>1998</b> , 121 ( Pt 5), 949-65	11.2	238
209	Clinical criteria for subtyping Parkinson's disease: biomarkers and longitudinal progression. <i>Brain</i> , <b>2017</b> , 140, 1959-1976	11.2	235
208	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> , <b>2010</b> , 35, 179-91	5	230
207	Modeling sensitization to stimulants in humans: an [11C]raclopride/positron emission tomography study in healthy men. <i>Archives of General Psychiatry</i> , <b>2006</b> , 63, 1386-95		223
206	Predictions and the brain: how musical sounds become rewarding. <i>Trends in Cognitive Sciences</i> , <b>2015</b> , 19, 86-91	14	216
205	Role of the human rostral supplementary motor area and the basal ganglia in motor sequence control: investigations with H2 15O PET. <i>Journal of Neurophysiology</i> , <b>1998</b> , 79, 1070-80	3.2	213
204	The role of the striatum and hippocampus in planning: a PET activation study in Parkinson's disease. <i>Brain</i> , <b>2001</b> , 124, 1020-32	11.2	201
203	Dopamine transmission in the human striatum during monetary reward tasks. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 4105-12	6.6	192
202	Dopamine depletion impairs frontostriatal functional connectivity during a set-shifting task. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 3697-706	6.6	170
201	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> , <b>2013</b> , 110, 4422-7	11.5	164
200	Conditioned dopamine release in humans: a positron emission tomography [11C]raclopride study with amphetamine. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 3998-4003	6.6	164
199	Neurobehavioural correlates of body mass index and eating behaviours in adults: a systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2013</b> , 37, 279-99	9	163

198	Focal cortical atrophy in multiple sclerosis: relation to lesion load and disability. <i>NeuroImage</i> , <b>2007</b> , 34, 509-17	7.9	159
197	Statistical mapping analysis of lesion location and neurological disability in multiple sclerosis: application to 452 patient data sets. <i>NeuroImage</i> , <b>2003</b> , 19, 532-44	7.9	147
196	The hedonic response to cigarette smoking is proportional to dopamine release in the human striatum as measured by positron emission tomography and [11C]raclopride. <i>Synapse</i> , <b>2004</b> , 54, 65-71	2.4	134
195	Eating traits questionnaires as a continuum of a single concept. Uncontrolled eating. <i>Appetite</i> , <b>2015</b> , 90, 229-39	4.5	127
194	Simultaneous intrastriatal and intranigral fetal dopaminergic grafts in patients with Parkinson disease: a pilot study. Report of three cases. <i>Journal of Neurosurgery</i> , <b>2002</b> , 96, 589-96	3.2	125
193	Dynamic functional changes associated with cognitive skill learning of an adapted version of the Tower of London task. <i>NeuroImage</i> , <b>2003</b> , 20, 1649-60	7.9	119
192	Mega-Analysis of Gray Matter Volume in Substance Dependence: General and Substance-Specific Regional Effects. <i>American Journal of Psychiatry</i> , <b>2019</b> , 176, 119-128	11.9	114
191	Network connectivity determines cortical thinning in early Parkinson's disease progression. <i>Nature Communications</i> , <b>2018</b> , 9, 12	17.4	113
190	Network structure of brain atrophy in de novo Parkinson's disease. <i>ELife</i> , <b>2015</b> , 4,	8.9	112
189	Stress-induced dopamine release in humans at risk of psychosis: a [11C]raclopride PET study. <i>Neuropsychopharmacology</i> , <b>2008</b> , 33, 2033-41	8.7	111
188	Reduced dopamine D1 receptor binding in the ventral striatum of cigarette smokers. <i>Synapse</i> , <b>2001</b> , 42, 48-53	2.4	105
187	Striatal D1 and D2 signaling differentially predict learning from positive and negative outcomes. <i>NeuroImage</i> , <b>2015</b> , 109, 95-101	7.9	102
186	Functional brain imaging of appetite. <i>Trends in Endocrinology and Metabolism</i> , <b>2012</b> , 23, 250-60	8.8	99
185	Striatal dopamine responses to intranasal cocaine self-administration in humans. <i>Biological Psychiatry</i> , <b>2009</b> , 65, 846-50	7.9	98
184	Supra-Additive Effects of Combining Fat and Carbohydrate on Food Reward. <i>Cell Metabolism</i> , <b>2018</b> , 28, 33-44.e3	24.6	95
183	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. Report of two cases and technical considerations. <i>Journal of Neurosurgery</i> , <b>2000</b> , 92, 863-9	3.2	88
182	Dopamine precursor depletion impairs timing in healthy volunteers by attenuating activity in putamen and supplementary motor area. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 16704-15	6.6	77
181	Decreasing amphetamine-induced dopamine release by acute phenylalanine/tyrosine depletion: A PET/[11C]raclopride study in healthy men. <i>Neuropsychopharmacology</i> , <b>2004</b> , 29, 427-32	8.7	76

180	A statistical method for the analysis of positron emission tomography neuroreceptor ligand data. <i>NeuroImage</i> , <b>2000</b> , 12, 245-56	7.9	72
179	Cognitive- and motor-related regions in Parkinson's disease: FDOPA and FDG PET studies. <i>NeuroImage</i> , <b>2004</b> , 22, 553-61	7.9	71
178	Cocaine cue-induced dopamine release in amygdala and hippocampus: a high-resolution PET [ $^{18}$ F]fallypride study in cocaine dependent participants. <i>Neuropsychopharmacology</i> , <b>2013</b> , 38, 1780-8	8.7	69
177	Critical involvement of the thalamus and precuneus during restoration of consciousness with physostigmine in humans during propofol anaesthesia: a positron emission tomography study. <i>British Journal of Anaesthesia</i> , <b>2011</b> , 106, 548-57	5.4	65
176	Neurobehavioral correlates of obesity are largely heritable. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 9312-9317	11.5	64
175	An acute psychosocial stress enhances the neural response to smoking cues. <i>Brain Research</i> , <b>2009</b> , 1293, 40-8	3.7	64
174	Dopamine modulates default mode network deactivation in elderly individuals during the Tower of London task. <i>Neuroscience Letters</i> , <b>2009</b> , 458, 1-5	3.3	64
173	Subthalamic deep brain stimulation does not induce striatal dopamine release in Parkinson's disease. <i>NeuroReport</i> , <b>2003</b> , 14, 1287-9	1.7	64
172	Motion correction of multi-frame PET data in neuroreceptor mapping: simulation based validation. <i>NeuroImage</i> , <b>2009</b> , 47, 1496-505	7.9	61
171	Neuroanatomical differences in obesity: meta-analytic findings and their validation in an independent dataset. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 943-951	5.5	59
170	Perceived early-life maternal care and the cortisol response to repeated psychosocial stress. <i>Journal of Psychiatry and Neuroscience</i> , <b>2010</b> , 35, 370-7	4.5	59
169	Predictability and Uncertainty in the Pleasure of Music: A Reward for Learning?. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 9397-9409	6.6	58
168	Compensatory striatal-cerebellar connectivity in mild-moderate Parkinson's disease. <i>NeuroImage: Clinical</i> , <b>2016</b> , 10, 54-62	5.3	57
167	Uncontrolled eating: a unifying heritable trait linked with obesity, overeating, personality and the brain. <i>European Journal of Neuroscience</i> , <b>2019</b> , 50, 2430-2445	3.5	56
166	Dopamine-based reward circuitry responsivity, genetics, and overeating. <i>Current Topics in Behavioral Neurosciences</i> , <b>2011</b> , 6, 81-93	3.4	56
165	Overlapping Neural Endophenotypes in Addiction and Obesity. <i>Frontiers in Endocrinology</i> , <b>2017</b> , 8, 127	5.7	53
164	Effect of vascular activity in the determination of rate constants for the uptake of $^{18}$ 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> , <b>1986</b> , 6, 724-38	7.3	53
163	Dopamine Signaling Modulates the Stability and Integration of Intrinsic Brain Networks. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 397-409	5.1	53

162	Stress-induced dopamine release in human medial prefrontal cortex--18F-fallypride/PET study in healthy volunteers. <i>Synapse</i> , <b>2013</b> , 67, 821-30	2.4	50
161	Limbic system mGluR5 availability in cocaine dependent subjects: a high-resolution PET [(11C)ABP688 study. <i>NeuroImage</i> , <b>2014</b> , 98, 195-202	7.9	48
160	Neural correlates of dietary self-control in healthy adults: A meta-analysis of functional brain imaging studies. <i>Physiology and Behavior</i> , <b>2018</b> , 192, 98-108	3.5	45
159	Increased cortisol awakening response and afternoon/evening cortisol output in healthy young adults with low early life parental care. <i>Psychopharmacology</i> , <b>2011</b> , 214, 261-8	4.7	45
158	Musical reward prediction errors engage the nucleus accumbens and motivate learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 3310-3315	11.5	44
157	Hemodynamic and metabolic effects of cerebral arteriovenous malformations studied by positron emission tomography. <i>Stroke</i> , <b>1989</b> , 20, 890-8	6.7	43
156	Genetic variation in CYP2A6 predicts neural reactivity to smoking cues as measured using fMRI. <i>NeuroImage</i> , <b>2012</b> , 60, 2136-43	7.9	42
155	Dopamine precursor depletion impairs structure and efficiency of resting state brain functional networks. <i>Neuropharmacology</i> , <b>2014</b> , 84, 90-100	5.5	41
154	Behavioral and neural valuation of foods is driven by implicit knowledge of caloric content. <i>Psychological Science</i> , <b>2014</b> , 25, 2168-76	7.9	41
153	The default network of the human brain is associated with perceived social isolation. <i>Nature Communications</i> , <b>2020</b> , 11, 6393	17.4	40
152	Reduced dopamine response to amphetamine in subjects at ultra-high risk for addiction. <i>Biological Psychiatry</i> , <b>2014</b> , 76, 23-30	7.9	40
151	Neural transplantation cannula and microinjector system: experimental and clinical experience. Technical note. <i>Journal of Neurosurgery</i> , <b>2000</b> , 92, 493-9	3.2	40
150	Anatomical and functional organization of the human substantia nigra and its connections. <i>ELife</i> , <b>2017</b> , 6,	8.9	39
149	Defective Fas expression exacerbates neurotoxicity in a model of Parkinson's disease. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 202, 575-81	16.6	38
148	Cocaine cue-induced dopamine release in the human prefrontal cortex. <i>Journal of Psychiatry and Neuroscience</i> , <b>2016</b> , 41, 322-30	4.5	37
147	Local vulnerability and global connectivity jointly shape neurodegenerative disease propagation. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000495	9.7	37
146	From anticipation to action, the role of dopamine in perceptual decision making: an fMRI-tyrosine depletion study. <i>Journal of Neurophysiology</i> , <b>2012</b> , 108, 501-12	3.2	36
145	Predictive model of spread of Parkinson's pathology using network diffusion. <i>NeuroImage</i> , <b>2019</b> , 192, 178-194	7.9	33

144	Dopamine cross-sensitization between psychostimulant drugs and stress in healthy male volunteers. <i>Translational Psychiatry</i> , <b>2016</b> , 6, e740	8.6	33
143	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> , <b>2015</b> , 9, 431	3.3	33
142	Neurocognitive and Hormonal Correlates of Voluntary Weight Loss in Humans. <i>Cell Metabolism</i> , <b>2019</b> , 29, 39-49.e4	24.6	33
141	Differential striatal dopamine responses following oral alcohol in individuals at varying risk for dependence. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2014</b> , 38, 126-34	3.7	32
140	Neural substrates of cognitive skill learning in Parkinson's disease. <i>Brain and Cognition</i> , <b>2008</b> , 68, 134-43	2.7	32
139	A clinical-anatomical signature of Parkinson's disease identified with partial least squares and magnetic resonance imaging. <i>NeuroImage</i> , <b>2019</b> , 190, 69-78	7.9	32
138	The role of dopamine in risk taking: a specific look at Parkinson's disease and gambling. <i>Frontiers in Behavioral Neuroscience</i> , <b>2014</b> , 8, 196	3.5	31
137	Limbic response to psychosocial stress in schizotypy: a functional magnetic resonance imaging study. <i>Schizophrenia Research</i> , <b>2011</b> , 131, 184-91	3.6	31
136	Stimulation of dopa decarboxylase activity in striatum of healthy human brain secondary to NMDA receptor antagonism with a low dose of amantadine. <i>Synapse</i> , <b>1999</b> , 34, 313-8	2.4	31
135	White matter hyperintensities are linked to future cognitive decline in de novo Parkinson's disease patients. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 892-900	5.3	31
134	Gene and environment interaction: Is the differential susceptibility hypothesis relevant for obesity?. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2017</b> , 73, 326-339	9	29
133	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> , <b>2011</b> , 199, 391-7	5.4	29
132	Striatal dopamine transmission in healthy humans during a passive monetary reward task. <i>NeuroImage</i> , <b>2008</b> , 39, 2058-65	7.9	29
131	Effects of levodopa on corticostriatal circuits supporting working memory in Parkinson's disease. <i>Cortex</i> , <b>2017</b> , 93, 193-205	3.8	28
130	Good practice in food-related neuroimaging. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 109, 491-503	7	28
129	Overweight is not associated with cortical thickness alterations in children. <i>Frontiers in Neuroscience</i> , <b>2015</b> , 9, 24	5.1	28
128	State of expectancy modulates the neural response to visual food stimuli in humans. <i>Appetite</i> , <b>2011</b> , 56, 302-9	4.5	28
127	Spatial Patterning of Tissue Volume Loss in Schizophrenia Reflects Brain Network Architecture. <i>Biological Psychiatry</i> , <b>2020</b> , 87, 727-735	7.9	28

126	Pharmacokinetics of radiotracers in human plasma during positron emission tomography. <i>Synapse</i> , <b>1999</b> , 34, 124-34	2.4	27
125	Genetic variation in dopaminergic reward in humans. <i>Forum of Nutrition</i> , <b>2010</b> , 63, 176-185		26
124	Amphetamine-induced dopamine release and neurocognitive function in treatment-naive adults with ADHD. <i>Neuropsychopharmacology</i> , <b>2014</b> , 39, 1498-507	8.7	25
123	De novo FUS P525L mutation in Juvenile amyotrophic lateral sclerosis with dysphonia and diplopia. <i>Neurology: Genetics</i> , <b>2016</b> , 2, e63	3.8	24
122	Resting state executive control network adaptations in amnesic mild cognitive impairment. <i>Journal of Alzheimer's Disease</i> , <b>2014</b> , 40, 993-1004	4.3	23
121	White matter abnormalities and structural hippocampal disconnections in amnesic mild cognitive impairment and Alzheimer's disease. <i>PLoS ONE</i> , <b>2013</b> , 8, e74776	3.7	23
120	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> , <b>2008</b> , 23, 399-408	2.7	22
119	Mood stability during acute stimulator challenge in Parkinson's disease patients under long-term treatment with subthalamic deep brain stimulation. <i>Movement Disorders</i> , <b>2007</b> , 22, 1093-6	7	22
118	Dopamine precursors depletion impairs impulse control in healthy volunteers. <i>Psychopharmacology</i> , <b>2015</b> , 232, 477-87	4.7	21
117	Cocaine Cue-Induced Dopamine Release in Recreational Cocaine Users. <i>Scientific Reports</i> , <b>2017</b> , 7, 46665	4.9	20
116	Individual differences in frontal cortical thickness correlate with the d-amphetamine-induced striatal dopamine response in humans. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 15285-94	6.6	20
115	Imaging Performance of a Dynamic Positron Emission Tomograph: Positome IIIp. <i>IEEE Transactions on Medical Imaging</i> , <b>1986</b> , 5, 183-98	11.7	20
114	Association Between Midlife Obesity and Its Metabolic Consequences, Cerebrovascular Disease, and Cognitive Decline. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e4260-e4274	5.6	20
113	Spatio-temporal patterns of cognitive control revealed with simultaneous electroencephalography and functional magnetic resonance imaging. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 80-97	5.9	20
112	Ghrelin Enhances Food Odor Conditioning in Healthy Humans: An fMRI Study. <i>Cell Reports</i> , <b>2018</b> , 25, 2643-2652.e4	10.6	20
111	A model of food reward learning with dynamic reward exposure. <i>Frontiers in Computational Neuroscience</i> , <b>2012</b> , 6, 82	3.5	19
110	Effect of D-amphetamine on inhibition and motor planning as a function of baseline performance. <i>Psychopharmacology</i> , <b>2010</b> , 211, 423-33	4.7	19
109	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> , <b>2004</b> , 51, 91-101	2.4	19



108	Pattern of Reduced Functional Connectivity and Structural Abnormalities in Parkinson's Disease: An Exploratory Study. <i>Frontiers in Neurology</i> , <b>2016</b> , 7, 243	4.1	18
107	Common Effects of Amnesic Mild Cognitive Impairment on Resting-State Connectivity Across Four Independent Studies. <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 242	5.3	18
106	A H(2)(15)O positron emission tomography study on mental imagery of movement sequences--the effect of modulating sequence length and direction. <i>NeuroImage</i> , <b>2002</b> , 17, 999-1009	7.9	18
105	Reward Prediction Errors in Drug Addiction and Parkinson's Disease: from Neurophysiology to Neuroimaging. <i>Current Neurology and Neuroscience Reports</i> , <b>2017</b> , 17, 46	6.6	17
104	The Quebec Parkinson Network: A Researcher-Patient Matching Platform and Multimodal Biorepository. <i>Journal of Parkinson's Disease</i> , <b>2020</b> , 10, 301-313	5.3	17
103	Improving Assessment of the Spectrum of Reward-Related Eating: The RED-13. <i>Frontiers in Psychology</i> , <b>2017</b> , 8, 795	3.4	17
102	Real-Time Data Rebinning in PET to Obtain Uniformly Sampled Projections. <i>IEEE Transactions on Nuclear Science</i> , <b>1985</b> , 32, 811-817	1.7	17
101	Mesocorticolimbic Connectivity and Volumetric Alterations in Mutation Carriers. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 4655-4665	6.6	16
100	Personality-obesity associations are driven by narrow traits: A meta-analysis. <i>Obesity Reviews</i> , <b>2019</b> , 20, 1121-1131	10.6	15
99	Predicting severity and prognosis in Parkinson's disease from brain microstructure and connectivity. <i>NeuroImage: Clinical</i> , <b>2020</b> , 25, 102111	5.3	15
98	Genetic imaging consortium for addiction medicine: From neuroimaging to genes. <i>Progress in Brain Research</i> , <b>2016</b> , 224, 203-23	2.9	15
97	Subcortical surface morphometry in substance dependence: An ENIGMA addiction working group study. <i>Addiction Biology</i> , <b>2020</b> , 25, e12830	4.6	14
96	Academic stress and personality interact to increase the neural response to high-calorie food cues. <i>Appetite</i> , <b>2017</b> , 116, 306-314	4.5	13
95	Testing the Protein Propagation Hypothesis of Parkinson Disease. <i>Journal of Experimental Neuroscience</i> , <b>2018</b> , 12, 1179069518786715	3.6	13
94	Dissecting the effects of disease and treatment on impulsivity in Parkinson's disease. <i>Journal of the International Neuropsychological Society</i> , <b>2012</b> , 18, 942-51	3.1	13
93	Sex effects on brain structure in de novo Parkinson's disease: a multimodal neuroimaging study. <i>Brain</i> , <b>2020</b> , 143, 3052-3066	11.2	13
92	Towards a brain-to-society systems model of individual choice. <i>Marketing Letters</i> , <b>2008</b> , 19, 323-336	2.3	12
91	The effects of exercise on sleep quality in persons with Parkinson's disease: A systematic review with meta-analysis. <i>Sleep Medicine Reviews</i> , <b>2021</b> , 55, 101384	10.2	12

90	White Matter Hyperintensities Mediate Impact of Dysautonomia on Cognition in Parkinson's Disease. <i>Movement Disorders Clinical Practice</i> , <b>2020</b> , 7, 639-647	2.2	11
89	Obesity has limited behavioural overlap with addiction and psychiatric phenotypes. <i>Nature Human Behaviour</i> , <b>2020</b> , 4, 27-35	12.8	11
88	Is obesity related to enhanced neural reactivity to visual food cues? A review and meta-analysis. <i>Social Cognitive and Affective Neuroscience</i> , <b>2020</b> ,	4	11
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23	Liking and left amygdala activity during food versus non-food processing are modulated by emotional context		1
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