

# Alain Dagher

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2847765/alain-dagher-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

233  
papers

18,868  
citations

62  
h-index

135  
g-index

283  
ext. papers

21,879  
ext. citations

7  
avg, IF

6.76  
L-index

#	Paper	IF	Citations
233	Mechanisms linking obesity and its metabolic comorbidities with cerebral grey and white matter changes.. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2022</b> , 1	10.5	1
232	Population-based research in obesity: An overview of neuroimaging studies using big data approach. <i>Current Opinion in Endocrine and Metabolic Research</i> , <b>2022</b> , 100323	1.7	0
231	Human brain anatomy reflects separable genetic and environmental components of socioeconomic status.. <i>Science Advances</i> , <b>2022</b> , 8, eabm2923	14.3	0
230	Differentially targeted seeding reveals unique pathological alpha-synuclein propagation patterns.. <i>Brain</i> , <b>2021</b> ,	11.2	3
229	Brain atrophy progression in Parkinson's disease is shaped by connectivity and local vulnerability. <i>Brain Communications</i> , <b>2021</b> , 3, fcab269	4.5	2
228	Multivariate analysis reveals shared genetic architecture of brain morphology and human behavior. <i>Communications Biology</i> , <b>2021</b> , 4, 1180	6.7	0
227	Cortical and subcortical neuroanatomical signatures of schizotypy in 3004 individuals assessed in a worldwide ENIGMA study. <i>Molecular Psychiatry</i> , <b>2021</b> ,	15.1	1
226	Orbitofrontal-Striatal Structural Alterations Linked to Negative Symptoms at Different Stages of the Schizophrenia Spectrum. <i>Schizophrenia Bulletin</i> , <b>2021</b> , 47, 849-863	1.3	4
225	Unraveling the Temporal Dynamics of Reward Signals in Music-Induced Pleasure with TMS. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 3889-3899	6.6	2
224	Poor Metabolic Health Increases COVID-19-Related Mortality in the UK Biobank Sample. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 652765	5.7	7
223	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
222	Alterations in Brain Network Organization in Adults With Obesity as Compared With Healthy-Weight Individuals and Seniors. <i>Psychosomatic Medicine</i> , <b>2021</b> , 83, 700-706	3.7	2
221	Evidence and Urgency Related EEG Signals during Dynamic Decision-Making in Humans. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 5711-5722	6.6	1
220	Inter-individual body mass variations relate to fractionated functional brain hierarchies. <i>Communications Biology</i> , <b>2021</b> , 4, 735	6.7	3
219	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
218	A Prodromal Brain-Clinical Pattern of Cognition in Synucleinopathies. <i>Annals of Neurology</i> , <b>2021</b> , 89, 341-357	9.4	7
217	Understanding the impact of preprocessing pipelines on neuroimaging cortical surface analyses. <i>GigaScience</i> , <b>2021</b> , 10,	7.6	7

216	Dopamine D4 receptor gene polymorphism (DRD4 VNTR) moderates real-world behavioural response to the food retail environment in children. <i>BMC Public Health</i> , <b>2021</b> , 21, 145	4.1	2
215	Evidence for Non-Mendelian Inheritance in Spastic Paraplegia 7. <i>Movement Disorders</i> , <b>2021</b> , 36, 1664-1675		7
214	Two genetic analyses to elucidate causality between body mass index and personality. <i>International Journal of Obesity</i> , <b>2021</b> , 45, 2244-2251	5.5	1
213	Cocaine cue-induced mesocorticolimbic activation in cocaine users: Effects of personality traits, lifetime drug use, and acute stimulant ingestion. <i>Addiction Biology</i> , <b>2021</b> , e13094	4.6	1
212	Relationship between impulsivity, uncontrolled eating and body mass index: a hierarchical model. <i>International Journal of Obesity</i> , <b>2021</b> ,	5.5	2
211	Normal cognition in Parkinson's disease may involve hippocampal cholinergic compensation: An exploratory PET imaging study with [F]-FEOBV. <i>Parkinsonism and Related Disorders</i> , <b>2021</b> , 91, 162-166	3.6	3
210	White matter integrity differences in obesity: A meta-analysis of diffusion tensor imaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 129, 133-141	9	7
209	Spontaneous neural activity changes after bariatric surgery: A resting-state fMRI study. <i>NeuroImage</i> , <b>2021</b> , 241, 118419	7.9	1
208	Mapping cortical and subcortical asymmetries in substance dependence: Findings from the ENIGMA Addiction Working Group. <i>Addiction Biology</i> , <b>2021</b> , 26, e13010	4.6	5
207	Multimodal phenotypic axes of Parkinson's disease. <i>Npj Parkinson's Disease</i> , <b>2021</b> , 7, 6	9.7	5
206	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
205	Adolescent Resting-State Brain Networks and Unique Variability of Conduct Problems Within the Externalizing Dimension. <i>Journal of Personality Disorders</i> , <b>2020</b> , 34, 609-627	2.6	1
204	mGlu5 receptor availability in youth at risk for addictions: effects of vulnerability traits and cannabis use. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 1817-1825	8.7	5
203	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
202	Neural Correlates of Evidence and Urgency During Human Perceptual Decision-Making in Dynamically Changing Conditions. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 5471-5483	5.1	4
201	Neuroanatomical changes in white and grey matter after sleeve gastrectomy. <i>NeuroImage</i> , <b>2020</b> , 213, 116696	7.9	8
200	Food Addiction, Skating on Thin Ice: a Critical Overview of Neuroimaging Findings. <i>Current Addiction Reports</i> , <b>2020</b> , 7, 20-29	3.9	3
199	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

198	Liking and left amygdala activity during food versus nonfood processing are modulated by emotional context. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>2020</b> , 20, 91-102	3.5	6
197	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
196	Obesity has limited behavioural overlap with addiction and psychiatric phenotypes. <i>Nature Human Behaviour</i> , <b>2020</b> , 4, 27-35	12.8	11
195	Subcortical surface morphometry in substance dependence: An ENIGMA addiction working group study. <i>Addiction Biology</i> , <b>2020</b> , 25, e12830	4.6	14
194	Nucleus accumbens volume is related to obesity measures in an age-dependent fashion. <i>Journal of Neuroendocrinology</i> , <b>2020</b> , 32, e12812	3.8	7
193	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
192	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
191	Neural correlates of polygenic risk score for autism spectrum disorders in general population. <i>Brain Communications</i> , <b>2020</b> , 2, fcaa092	4.5	5
190	Mapping the hyper-direct circuitry of impulsivity. <i>Brain</i> , <b>2020</b> , 143, 1973-1974	11.2	0
189	Apathy is not associated with reduced ventral striatal volume in patients with schizophrenia. <i>Schizophrenia Research</i> , <b>2020</b> , 223, 279-288	3.6	3
188	Latent Clinical-Anatomical Dimensions of Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, 1426-1438	1.3	8
187	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
186	Whole-brain functional connectivity correlates of obesity phenotypes. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 4912-4924	5.9	7
185	Reply To: Cerebral Vasomotor Reactivity in Parkinson's Disease: A Missing Link between Dysautonomia, White Matter Lesions, and Cognitive Decline?. <i>Movement Disorders Clinical Practice</i> , <b>2020</b> , 7, 996-998	2.2	
184	From apathy to addiction: Insights from neurology and psychiatry. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2020</b> , 101, 109926	5.5	9
183	Extra-striatal D receptor availability in youth at risk for addiction. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 1498-1505	8.7	4
182	Smoking Decisions: Altered Reinforcement Learning Signals Induced by Nicotine State. <i>Nicotine and Tobacco Research</i> , <b>2020</b> , 22, 164-171	4.9	6
181	Assessment of a prognostic MRI biomarker in early de novo Parkinson's disease. <i>NeuroImage: Clinical</i> , <b>2019</b> , 24, 101986	5.3	10

180	Reply to de Fleurian et al.: Toward a fuller understanding of reward prediction errors and their role in musical pleasure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 20815-20816	11.5	0
179	Neural function in DCC mutation carriers with and without mirror movements. <i>Annals of Neurology</i> , <b>2019</b> , 85, 433-442	9.4	5
178	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
177	Personality-obesity associations are driven by narrow traits: A meta-analysis. <i>Obesity Reviews</i> , <b>2019</b> , 20, 1121-1131	10.6	15
176	Predictive model of spread of Parkinson's pathology using network diffusion. <i>NeuroImage</i> , <b>2019</b> , 192, 178-194	7.9	33
175	Good practice in food-related neuroimaging. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 109, 491-503	7	28
174	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
173	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
172	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> , <b>2019</b> , 82, 30-39	5.6	9
171	P.015 Long-term progression and prognosis in different subtypes of Parkinson's disease: validation of a new multi-domain subtyping method. <i>Canadian Journal of Neurological Sciences</i> , <b>2019</b> , 46, S17	1	
170	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
169	Local vulnerability and global connectivity jointly shape neurodegenerative disease propagation. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000495	9.7	37
168	Dopamine Signaling Modulates the Stability and Integration of Intrinsic Brain Networks. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 397-409	5.1	53
167	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
166	Neurocognitive and Hormonal Correlates of Voluntary Weight Loss in Humans. <i>Cell Metabolism</i> , <b>2019</b> , 29, 39-49.e4	24.6	33
165	Tracking mood fluctuations with functional network patterns. <i>Social Cognitive and Affective Neuroscience</i> , <b>2019</b> , 14, 47-57	4	7
164	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
163	Mesolimbic connectivity signatures of impulsivity and BMI in early adolescence. <i>Appetite</i> , <b>2019</b> , 132, 25-36	5	6

162	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
161	Local vulnerability and global connectivity jointly shape neurodegenerative disease propagation <b>2019</b> , 17, e3000495		
160	Local vulnerability and global connectivity jointly shape neurodegenerative disease propagation <b>2019</b> , 17, e3000495		
159	Local vulnerability and global connectivity jointly shape neurodegenerative disease propagation <b>2019</b> , 17, e3000495		
158	Local vulnerability and global connectivity jointly shape neurodegenerative disease propagation <b>2019</b> , 17, e3000495		
157	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
156	Dopamine and response selection: an Acute Phenylalanine/Tyrosine Depletion study. <i>Psychopharmacology</i> , <b>2018</b> , 235, 1307-1316	4.7	4
155	Neurobiological Correlates and Predictors of Two Distinct Personality Trait Pathways to Escalated Alcohol Use. <i>EBioMedicine</i> , <b>2018</b> , 27, 86-93	8.8	4
154	How Hot Are They? Neural Correlates of Genital Arousal: An Infrared Thermographic and Functional Magnetic Resonance Imaging Study of Sexual Arousal in Men and Women. <i>Journal of Sexual Medicine</i> , <b>2018</b> , 15, 217-229	1.1	7
153	Network connectivity determines cortical thinning in early Parkinson's disease progression. <i>Nature Communications</i> , <b>2018</b> , 9, 12	17.4	113
152	Mesocorticolimbic Connectivity and Volumetric Alterations in Mutation Carriers. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 4655-4665	6.6	16
151	Testing the Protein Propagation Hypothesis of Parkinson Disease. <i>Journal of Experimental Neuroscience</i> , <b>2018</b> , 12, 1179069518786715	3.6	13
150	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
149	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
148	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
147	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
146	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
145	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

144	Cocaine Cue-Induced Dopamine Release in Recreational Cocaine Users. <i>Scientific Reports</i> , <b>2017</b> , 7, 46665	4.9	20
143	Clinical criteria for subtyping Parkinson's disease: biomarkers and longitudinal progression. <i>Brain</i> , <b>2017</b> , 140, 1959-1976	11.2	235
142	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
141	Retuning brain circuitry to treat mental illness: The role of functional neuroimaging. Commentary for the special issue: Mechanisms of change. <i>NeuroImage</i> , <b>2017</b> , 151, 128-129	7.9	2
140	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
139	Is there a relation between novelty seeking, striatal dopamine release and frontal cortical thickness?. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174219	3.7	10
138	Appetite as Motivated Choice <b>2017</b> , 397-409		3
137	Holding Onto Youth. <i>Cell Metabolism</i> , <b>2017</b> , 26, 284-285	24.6	
136	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
135	Overlapping Neural Endophenotypes in Addiction and Obesity. <i>Frontiers in Endocrinology</i> , <b>2017</b> , 8, 127	5.7	53
134	Differential Associations between Cortical Thickness and Striatal Dopamine in Treatment-Naïve Adults with ADHD vs. Healthy Controls. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 421	3.3	10
133	Anatomical and functional organization of the human substantia nigra and its connections. <i>ELife</i> , <b>2017</b> , 6,	8.9	39
132	The Use of Functional Magnetic Resonance Imaging in the Study of Appetite and Obesity <b>2017</b> , 117-134		9
131	Neural Representation of Subjective Sexual Arousal in Men and Women. <i>Journal of Sexual Medicine</i> , <b>2016</b> , 13, 1508-22	1.1	10
130	Compensatory striatal-cerebellar connectivity in mild-moderate Parkinson's disease. <i>NeuroImage: Clinical</i> , <b>2016</b> , 10, 54-62	5.3	57
129	Dopamine cross-sensitization between psychostimulant drugs and stress in healthy male volunteers. <i>Translational Psychiatry</i> , <b>2016</b> , 6, e740	8.6	33
128	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
127	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



126	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
125	A dataset of multiresolution functional brain parcellations in an elderly population with no or mild cognitive impairment. <i>Data in Brief</i> , <b>2016</b> , 9, 1122-1129	1.2	1
124	F4-04-03: Brain Networks as Targets of Neurodegeneration in Pd and Ad <b>2016</b> , 12, P328-P329		
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	Eating traits questionnaires as a continuum of a single concept. Uncontrolled eating. <i>Appetite</i> , <b>2015</b> , 90, 229-39	4.5	127
121	Predictions and the brain: how musical sounds become rewarding. <i>Trends in Cognitive Sciences</i> , <b>2015</b> , 19, 86-91	14	216
120	Dopamine precursors depletion impairs impulse control in healthy volunteers. <i>Psychopharmacology</i> , <b>2015</b> , 232, 477-87	4.7	21
119	Common Effects of Amnestic 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
118	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
117	Network structure of brain atrophy in de novo Parkinson's disease. <i>ELife</i> , <b>2015</b> , 4,	8.9	112
116	Ghrelin. <i>Molecular Metabolism</i> , <b>2015</b> , 4, 437-60	8.8	588
115	Overweight is not associated with cortical thickness alterations in children. <i>Frontiers in Neuroscience</i> , <b>2015</b> , 9, 24	5.1	28
114	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
113	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
112	Alcohol and the paradox of self-control. <i>Biological Psychiatry</i> , <b>2014</b> , 76, 674-5	7.9	2
111	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
110	Limbic system mGluR5 availability in cocaine dependent subjects: a high-resolution PET [(11)C]ABP688 study. <i>NeuroImage</i> , <b>2014</b> , 98, 195-202	7.9	48
109	Resting state executive control network adaptations in amnestic mild cognitive impairment. <i>Journal of Alzheimer's Disease</i> , <b>2014</b> , 40, 993-1004	4.3	23



108	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
107	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
106	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
105	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
104	Interactions between the nucleus accumbens and auditory cortices predict music reward value. <i>Science</i> , <b>2013</b> , 340, 216-9	33.3	418
103	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
102	Dopaminergic Modulation of Motor Timing in Healthy Volunteers Differs as a Function of Baseline DA Precursor Availability. <i>Timing and Time Perception</i> , <b>2013</b> , 1, 77-98	0.7	9
101	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
100	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
99	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
98	Stress-induced dopamine release in human medial prefrontal cortex-- $^{18}$ F-fallypride/PET study in healthy volunteers. <i>Synapse</i> , <b>2013</b> , 67, 821-30	2.4	50
97	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
96	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
95	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
94	Functional brain imaging of appetite. <i>Trends in Endocrinology and Metabolism</i> , <b>2012</b> , 23, 250-60	8.8	99
93	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
92	A model of food reward learning with dynamic reward exposure. <i>Frontiers in Computational Neuroscience</i> , <b>2012</b> , 6, 82	3.5	19
91	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

90	Addiction as aberrant learning-evidence from Parkinson's disease. <i>Addiction</i> , <b>2012</b> , 107, 248-50	4.6	3
89	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
88	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
87	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
86	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
85	Dopamine-based reward circuitry responsivity, genetics, and overeating. <i>Current Topics in Behavioral Neurosciences</i> , <b>2011</b> , 6, 81-93	3.4	56
84	Effects of lowered serotonin transmission on cocaine-induced striatal dopamine response: PET [ $^{11}C$ ]raclopride study in humans. <i>British Journal of Psychiatry</i> , <b>2011</b> , 199, 391-7	5.4	29
83	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
82	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
81	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
80	Genetic variation in dopaminergic reward in humans. <i>Forum of Nutrition</i> , <b>2010</b> , 63, 176-185		26
79	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
78	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
77	An acute psychosocial stress enhances the neural response to smoking cues. <i>Brain Research</i> , <b>2009</b> , 1293, 40-8	3.7	64
76	Personality, addiction, dopamine: insights from Parkinson's disease. <i>Neuron</i> , <b>2009</b> , 61, 502-10	13.9	272
75	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
74	Striatal dopamine responses to intranasal cocaine self-administration in humans. <i>Biological Psychiatry</i> , <b>2009</b> , 65, 846-50	7.9	98
73	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

72	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
71	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
70	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
69	Neural substrates of cognitive skill learning in Parkinson's disease. <i>Brain and Cognition</i> , <b>2008</b> , 68, 134-43	2.7	32
68	Ghrelin modulates brain activity in areas that control appetitive behavior. <i>Cell Metabolism</i> , <b>2008</b> , 7, 400-9	24.6	504
67	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
66	Striatal dopamine transmission in healthy humans during a passive monetary reward task. <i>NeuroImage</i> , <b>2008</b> , 39, 2058-65	7.9	29
65	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
64	Stress-induced dopamine release in humans at risk of psychosis: a [ <sup>11</sup> C]raclopride PET study. <i>Neuropsychopharmacology</i> , <b>2008</b> , 33, 2033-41	8.7	111
63	Towards a brain-to-society systems model of individual choice. <i>Marketing Letters</i> , <b>2008</b> , 19, 323-336	2.3	12
62	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
61	Fibromyalgia patients show an abnormal dopamine response to pain. <i>European Journal of Neuroscience</i> , <b>2007</b> , 25, 3576-82	3.5	300
60	Conditioned dopamine release in humans: a positron emission tomography [ <sup>11</sup> C]raclopride study with amphetamine. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 3998-4003	6.6	164
59	Shopping centers in the brain. <i>Neuron</i> , <b>2007</b> , 53, 7-8	13.9	7
58	Focal cortical atrophy in multiple sclerosis: relation to lesion load and disability. <i>NeuroImage</i> , <b>2007</b> , 34, 509-17	7.9	159
57	Modeling sensitization to stimulants in humans: an [ <sup>11</sup> C]raclopride/positron emission tomography study in healthy men. <i>Archives of General Psychiatry</i> , <b>2006</b> , 63, 1386-95		223
56	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
55	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

54	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
53	Decreasing amphetamine-induced dopamine release by acute phenylalanine/tyrosine depletion: A PET/[ <sup>11</sup> C]raclopride study in healthy men. <i>Neuropsychopharmacology</i> , <b>2004</b> , 29, 427-32	8.7	76
52	Dopamine transmission in the human striatum during monetary reward tasks. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 4105-12	6.6	192
51	Neural bases of set-shifting deficits in Parkinson's disease. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 702-10	6.6	279
50	PET quantification of muscarinic cholinergic receptors with [N- <sup>11</sup> C-methyl]-bentropine and application to studies of propofol-induced unconsciousness in healthy human volunteers. <i>Synapse</i> , <b>2004</b> , 51, 91-101	2.4	19
49	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> , <b>2004</b> , 54, 65-71	2.4	134
48	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
47	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
46	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
45	Alcohol promotes dopamine release in the human nucleus accumbens. <i>Synapse</i> , <b>2003</b> , 49, 226-31	2.4	407
44	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
43	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
42	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
41	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
40	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
39	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> , <b>2002</b> , 27, 1027-35	8.7	348
38	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
37	A H( <sup>2</sup> )( <sup>15</sup> 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

36	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
35	Reduced dopamine D1 receptor binding in the ventral striatum of cigarette smokers. <i>Synapse</i> , <b>2001</b> , 42, 48-53	2.4	105
34	Changes in brain activity related to eating chocolate: from pleasure to aversion. <i>Brain</i> , <b>2001</b> , 124, 1720-33	11.2	853
33	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
32	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
31	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
30	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
29	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
28	Pharmacokinetics of radiotracers in human plasma during positron emission tomography. <i>Synapse</i> , <b>1999</b> , 34, 124-34	2.4	27
27	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
26	Evidence for striatal dopamine release during a video game. <i>Nature</i> , <b>1998</b> , 393, 266-8	50.4	884
25	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
24	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
23	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
22	Effect of vascular activity in the determination of rate constants for the uptake of 18F-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
21	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
20	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
19	Functional MRI of cognition and mood in Parkinson's disease72-83		

18	Motion correction of multi-frame PET data	8
17	Mapping neurotransmitter systems to the structural and functional organization of the human neocortex	3
16	Two genetic analyses to elucidate causality between body mass index and personality	3
15	Correspondence between gene expression and neurotransmitter receptor and transporter density in the human brain	1
14	Mapping neurotransmitter systems to the structural and functional organization of the human neocortex	4
13	A clinical-anatomical signature of Parkinson's Disease identified with partial least squares and magnetic resonance imaging	1
12	Apathy is not associated with reduced ventral striatal volume in patients with schizophrenia	2
11	Obesity impairs cognitive function via metabolic syndrome and cerebrovascular disease: an SEM analysis in 15,000 adults from the UK Biobank	4
10	Body mass variations relate to fractionated functional brain hierarchies	4
9	Heritability of cortical morphology reflects a sensory-fugal plasticity gradient	3
8	Relationship between impulsivity, uncontrolled eating and body mass index: a hierarchical model	4
7	Local vulnerability and global connectivity jointly shape neurodegenerative disease propagation	1
6	Spatial patterning of tissue volume loss in schizophrenia reflects brain network architecture	2
5	Liking and left amygdala activity during food versus non-food processing are modulated by emotional context	1
4	Nucleus accumbens volume is related to obesity measures in an age-dependent fashion	2
3	Cortical and Subcortical Neuroanatomical Signatures of Schizotypy in 3,004 Individuals Assessed in a Worldwide ENIGMA Study	1
2	Human brain anatomy reflects separable genetic and environmental components of socioeconomic status	1
1	Global network structure and local transcriptomic vulnerability shape atrophy in sporadic and genetic behavioral variant frontotemporal dementia	1

