

# Trevor Robbins

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7488411/publications.pdf>

Version: 2024-02-01

559  
papers

96,373  
citations

102

165  
h-index

303

291  
g-index

628  
all docs

628  
docs citations

628  
times ranked

42317  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural systems of reinforcement for drug addiction: from actions to habits to compulsion. <i>Nature Neuroscience</i> , 2005, 8, 1481-1489.	14.8	3,606
2	Inhibition and the right inferior frontal cortex. <i>Trends in Cognitive Sciences</i> , 2004, 8, 170-177.	7.8	2,628
3	Inhibition and the right inferior frontal cortex: one decade on. <i>Trends in Cognitive Sciences</i> , 2014, 18, 177-185.	7.8	1,557
4	Stop-signal inhibition disrupted by damage to right inferior frontal gyrus in humans. <i>Nature Neuroscience</i> , 2003, 6, 115-116.	14.8	1,546
5	Inhibition and impulsivity: Behavioral and neural basis of response control. <i>Progress in Neurobiology</i> , 2013, 108, 44-79.	5.7	1,505
6	Dissociation in prefrontal cortex of affective and attentional shifts. <i>Nature</i> , 1996, 380, 69-72.	27.8	1,447
7	CENTRAL CHOLINERGIC SYSTEMS AND COGNITION. <i>Annual Review of Psychology</i> , 1997, 48, 649-684.	17.7	1,360
8	Impulsivity, Compulsivity, and Top-Down Cognitive Control. <i>Neuron</i> , 2011, 69, 680-694.	8.1	1,348
9	The 5-choice serial reaction time task: behavioural pharmacology and functional neurochemistry. <i>Psychopharmacology</i> , 2002, 163, 362-380.	3.1	1,155
10	Prefrontal executive and cognitive functions in rodents: neural and neurochemical substrates. <i>Neuroscience and Biobehavioral Reviews</i> , 2004, 28, 771-784.	6.1	1,153
11	Planning and spatial working memory following frontal lobe lesions in man. <i>Neuropsychologia</i> , 1990, 28, 1021-1034.	1.6	1,150
12	Neurobehavioural mechanisms of reward and motivation. <i>Current Opinion in Neurobiology</i> , 1996, 6, 228-236.	4.2	1,098
13	Nucleus Accumbens D2/3 Receptors Predict Trait Impulsivity and Cocaine Reinforcement. <i>Science</i> , 2007, 315, 1267-1270.	12.6	1,074
14	Dissociable Deficits in the Decision-Making Cognition of Chronic Amphetamine Abusers, Opiate Abusers, Patients with Focal Damage to Prefrontal Cortex, and Tryptophan-Depleted Normal Volunteers Evidence for Monoaminergic Mechanisms. <i>Neuropsychopharmacology</i> , 1999, 20, 322-339.	5.4	946
15	High Impulsivity Predicts the Switch to Compulsive Cocaine-Taking. <i>Science</i> , 2008, 320, 1352-1355.	12.6	918
16	Drug Addiction: Updating Actions to Habits to Compulsions Ten Years On. <i>Annual Review of Psychology</i> , 2016, 67, 23-50.	17.7	861
17	Neurocognitive endophenotypes of impulsivity and compulsivity: towards dimensional psychiatry. <i>Trends in Cognitive Sciences</i> , 2012, 16, 81-91.	7.8	829
18	Neural mechanisms underlying the vulnerability to develop compulsive drug-seeking habits and addiction. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 3125-3135.	4.0	823

#	ARTICLE	IF	CITATIONS
19	The Neuropsychopharmacology of Fronto-Executive Function: Monoaminergic Modulation. Annual Review of Neuroscience, 2009, 32, 267-287.	10.7	809
20	Enhanced or Impaired Cognitive Function in Parkinson's Disease as a Function of Dopaminergic Medication and Task Demands. Cerebral Cortex, 2001, 11, 1136-1143.	2.9	795
21	The neuropsychological basis of addictive behaviour. Brain Research Reviews, 2001, 36, 129-138.	9.0	794
22	Impulsive Choice Induced in Rats by Lesions of the Nucleus Accumbens Core. Science, 2001, 292, 2499-2501.	12.6	783
23	The Interaction of Person-Affect-Cognition-Execution (I-PACE) model for addictive behaviors: Update, generalization to addictive behaviors beyond internet-use disorders, and specification of the process character of addictive behaviors. Neuroscience and Biobehavioral Reviews, 2019, 104, 1-10.	6.1	759
24	Neuropsychological and clinical heterogeneity of cognitive impairment and dementia in patients with Parkinson's disease. Lancet Neurology, The, 2010, 9, 1200-1213.	10.2	753
25	The neuropsychology of obsessive compulsive disorder: the importance of failures in cognitive and behavioural inhibition as candidate endophenotypic markers. Neuroscience and Biobehavioral Reviews, 2005, 29, 399-419.	6.1	698
26	Effects of lesions to ascending noradrenergic neurones on performance of a 5-choice serial reaction task in rats; implications for theories of dorsal noradrenergic bundle function based on selective attention and arousal. Behavioural Brain Research, 1983, 9, 361-380.	2.2	694
27	Associative Processes in Addiction and Reward The Role of Amygdala and Ventral Striatal Subsystems. Annals of the New York Academy of Sciences, 1999, 877, 412-438.	3.8	674
28	Involvement of the amygdala in stimulus-reward associations: Interaction with the ventral striatum. Neuroscience, 1989, 30, 77-86.	2.3	640
29	Defining the Neural Mechanisms of Probabilistic Reversal Learning Using Event-Related Functional Magnetic Resonance Imaging. Journal of Neuroscience, 2002, 22, 4563-4567.	3.6	631
30	Different types of fear-conditioned behaviour mediated by separate nuclei within amygdala. Nature, 1997, 388, 377-380.	27.8	614
31	Extra-dimensional versus intra-dimensional set shifting performance following frontal lobe excisions, temporal lobe excisions or amygdalo-hippocampectomy in man. Neuropsychologia, 1991, 29, 993-1006.	1.6	609
32	Emotional bias and inhibitory control processes in mania and depression. Psychological Medicine, 1999, 29, 1307-1321.	4.5	589
33	From the ventral to the dorsal striatum: Devolving views of their roles in drug addiction. Neuroscience and Biobehavioral Reviews, 2013, 37, 1946-1954.	6.1	585
34	Cognitive Inflexibility After Prefrontal Serotonin Depletion. Science, 2004, 304, 878-880.	12.6	561
35	Drug addiction: bad habits add up. Nature, 1999, 398, 567-570.	27.8	546
36	Serotonergic regulation of emotional and behavioural control processes. Trends in Cognitive Sciences, 2008, 12, 31-40.	7.8	544

#	ARTICLE	IF	CITATIONS
37	The IMAGEN study: reinforcement-related behaviour in normal brain function and psychopathology. <i>Molecular Psychiatry</i> , 2010, 15, 1128-1139.	7.9	539
38	Dissociable Contributions of the Orbitofrontal and Infralimbic Cortex to Pavlovian Autoshaping and Discrimination Reversal Learning: Further Evidence for the Functional Heterogeneity of the Rodent Frontal Cortex. <i>Journal of Neuroscience</i> , 2003, 23, 8771-8780.	3.6	534
39	Correlated gene expression supports synchronous activity in brain networks. <i>Science</i> , 2015, 348, 1241-1244.	12.6	532
40	Disorders of compulsivity: a common bias towards learning habits. <i>Molecular Psychiatry</i> , 2015, 20, 345-352.	7.9	523
41	Neurochemical Modulation of Response Inhibition and Probabilistic Learning in Humans. <i>Science</i> , 2006, 311, 861-863.	12.6	519
42	A study of performance on tests from the CANTAB battery sensitive to frontal lobe dysfunction in a large sample of normal volunteers: Implications for theories of executive functioning and cognitive aging. <i>Journal of the International Neuropsychological Society</i> , 1998, 4, 474-90.	1.8	503
43	Impaired extra-dimensional shift performance in medicated and unmedicated Parkinson's disease: Evidence for a specific attentional dysfunction. <i>Neuropsychologia</i> , 1989, 27, 1329-1343.	1.6	499
44	Dissociation in Effects of Lesions of the Nucleus Accumbens Core and Shell on Appetitive Pavlovian Approach Behavior and the Potentiation of Conditioned Reinforcement and Locomotor Activity by d-Amphetamine. <i>Journal of Neuroscience</i> , 1999, 19, 2401-2411.	3.6	492
45	Dissociable Forms of Inhibitory Control within Prefrontal Cortex with an Analog of the Wisconsin Card Sort Test: Restriction to Novel Situations and Independence from "On-Line" Processing. <i>Journal of Neuroscience</i> , 1997, 17, 9285-9297.	3.6	490
46	Abnormal Brain Structure Implicated in Stimulant Drug Addiction. <i>Science</i> , 2012, 335, 601-604.	12.6	484
47	A consensus guide to capturing the ability to inhibit actions and impulsive behaviors in the stop-signal task. <i>ELife</i> , 2019, 8, .	6.0	479
48	Orbitofrontal Dysfunction in Patients with Obsessive-Compulsive Disorder and Their Unaffected Relatives. <i>Science</i> , 2008, 321, 421-422.	12.6	477
49	Parallel and interactive learning processes within the basal ganglia: Relevance for the understanding of addiction. <i>Behavioural Brain Research</i> , 2009, 199, 89-102.	2.2	475
50	Disruption in the Balance Between Goal-Directed Behavior and Habit Learning in Obsessive-Compulsive Disorder. <i>American Journal of Psychiatry</i> , 2011, 168, 718-726.	7.2	469
51	The Roles of Dopamine and Noradrenaline in the Pathophysiology and Treatment of Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2011, 69, e145-e157.	1.3	462
52	The Cerebral Cortex of the Rat and Visual Attentional Function: Dissociable Effects of Medial Frontal, Cingulate, Anterior Dorsolateral, and Parietal Cortex Lesions on a Five-Choice Serial Reaction Time Task. <i>Cerebral Cortex</i> , 1996, 6, 470-481.	2.9	460
53	L-Dopa medication remediates cognitive inflexibility, but increases impulsivity in patients with Parkinson's disease. <i>Neuropsychologia</i> , 2003, 41, 1431-1441.	1.6	457
54	Drug Addiction and the Memory Systems of the Brain. <i>Annals of the New York Academy of Sciences</i> , 2008, 1141, 1-21.	3.8	454

#	ARTICLE	IF	CITATIONS
55	Dissociable aspects of performance on the 5-choice serial reaction time task following lesions of the dorsal anterior cingulate, infralimbic and orbitofrontal cortex in the rat: differential effects on selectivity, impulsivity and compulsivity. Behavioural Brain Research, 2003, 146, 105-119.	2.2	449
56	Probabilistic learning and reversal deficits in patients with Parkinson's disease or frontal or temporal lobe lesions: possible adverse effects of dopaminergic medication. Neuropsychologia, 2000, 38, 596-612.	1.6	444
57	Substantia nigra/ventral tegmental reward prediction error disruption in psychosis. Molecular Psychiatry, 2008, 13, 267-276.	7.9	442
58	Fractionating impulsivity: neuropsychiatric implications. Nature Reviews Neuroscience, 2017, 18, 158-171.	10.2	438
59	Dissociating executive functions of the prefrontal cortex. Philosophical Transactions of the Royal Society B: Biological Sciences, 1996, 351, 1463-1471.	4.0	435
60	Functions of frontostriatal systems in cognition: Comparative neuropsychopharmacological studies in rats, monkeys and humans. Biological Psychology, 2006, 73, 19-38.	2.2	429
61	Differential control over cocaine-seeking behavior by nucleus accumbens core and shell. Nature Neuroscience, 2004, 7, 389-397.	14.8	427
62	The neuropsychopharmacology of action inhibition: cross-species translation of the stop-signal and go/no-go tasks. Psychopharmacology, 2008, 199, 439-456.	3.1	425
63	The application of the 5-choice serial reaction time task for the assessment of visual attentional processes and impulse control in rats. Nature Protocols, 2008, 3, 759-767.	12.0	411
64	Enhanced behavioural control by conditioned reinforcers following microinjections of d-amphetamine into the nucleus accumbens. Psychopharmacology, 1984, 84, 405-412.	3.1	410
65	Contrasting Cortical and Subcortical Activations Produced by Attentional-Set Shifting and Reversal Learning in Humans. Journal of Cognitive Neuroscience, 2000, 12, 142-162.	2.3	408
66	Serotonin selectively influences moral judgment and behavior through effects on harm aversion. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17433-17438.	7.1	404
67	New developments in human neurocognition: clinical, genetic, and brain imaging correlates of impulsivity and compulsivity. CNS Spectrums, 2014, 19, 69-89.	1.2	394
68	Dopamine Release in the Dorsal Striatum during Cocaine-Seeking Behavior under the Control of a Drug-Associated Cue. Journal of Neuroscience, 2002, 22, 6247-6253.	3.6	391
69	6-Hydroxydopamine lesions of the prefrontal cortex in monkeys enhance performance on an analog of the Wisconsin Card Sort Test: possible interactions with subcortical dopamine. Journal of Neuroscience, 1994, 14, 2531-2544.	3.6	386
70	Shifting and stopping: fronto-striatal substrates, neurochemical modulation and clinical implications. Philosophical Transactions of the Royal Society B: Biological Sciences, 2007, 362, 917-932.	4.0	370
71	Disrupted prediction-error signal in psychosis: evidence for an associative account of delusions. Brain, 2007, 130, 2387-2400.	7.6	368
72	Adolescent impulsivity phenotypes characterized by distinct brain networks. Nature Neuroscience, 2012, 15, 920-925.	14.8	368

#	ARTICLE	IF	CITATIONS
73	Neuropsychosocial profiles of current and future adolescent alcohol misusers. <i>Nature</i> , 2014, 512, 185-189.	27.8	368
74	Specific cognitive deficits in mild frontal variant frontotemporal dementia. <i>Brain</i> , 1999, 122, 1469-1493.	7.6	365
75	Executive and mnemonic functions in early Huntington's disease. <i>Brain</i> , 1996, 119, 1633-1645.	7.6	359
76	Impaired Cognitive Flexibility and Motor Inhibition in Unaffected First-Degree Relatives of Patients With Obsessive-Compulsive Disorder. <i>American Journal of Psychiatry</i> , 2007, 164, 335-338.	7.2	353
77	Drug Addiction Endophenotypes: Impulsive Versus Sensation-Seeking Personality Traits. <i>Biological Psychiatry</i> , 2010, 68, 770-773.	1.3	352
78	Limbic-Striatal Memory Systems and Drug Addiction. <i>Neurobiology of Learning and Memory</i> , 2002, 78, 625-636.	1.9	349
79	Serotonin Modulates Behavioral Reactions to Unfairness. <i>Science</i> , 2008, 320, 1739-1739.	12.6	346
80	Mechanisms of cognitive set flexibility in Parkinson's disease. <i>Brain</i> , 2001, 124, 2503-2512.	7.6	344
81	Stop-Signal Reaction-Time Task Performance: Role of Prefrontal Cortex and Subthalamic Nucleus. <i>Cerebral Cortex</i> , 2008, 18, 178-188.	2.9	344
82	Evidence for specific cognitive deficits in preclinical Huntington's disease. <i>Brain</i> , 1998, 121, 1329-1341.	7.6	341
83	Abnormal structure of frontostriatal brain systems is associated with aspects of impulsivity and compulsivity in cocaine dependence. <i>Brain</i> , 2011, 134, 2013-2024.	7.6	338
84	The role of prefrontal cortex in cognitive control and executive function. <i>Neuropsychopharmacology</i> , 2022, 47, 72-89.	5.4	336
85	Fractionating Impulsivity: Contrasting Effects of Central 5-HT Depletion on Different Measures of Impulsive Behavior. <i>Neuropsychopharmacology</i> , 2004, 29, 1331-1343.	5.4	334
86	Learning and cognitive flexibility: frontostriatal function and monoaminergic modulation. <i>Current Opinion in Neurobiology</i> , 2010, 20, 199-204.	4.2	328
87	A componential analysis of task-switching deficits associated with lesions of left and right frontal cortex. <i>Brain</i> , 2004, 127, 1561-1573.	7.6	324
88	Obsessive-Compulsive Disorder: Puzzles and Prospects. <i>Neuron</i> , 2019, 102, 27-47.	8.1	324
89	Similar Effects of the Selective Noradrenaline Reuptake Inhibitor Atomoxetine on Three Distinct Forms of Impulsivity in the Rat. <i>Neuropsychopharmacology</i> , 2008, 33, 1028-1037.	5.4	318
90	Prefrontal Serotonin Depletion Affects Reversal Learning But Not Attentional Set Shifting. <i>Journal of Neuroscience</i> , 2005, 25, 532-538.	3.6	314

#	ARTICLE	IF	CITATIONS
91	Personality, Addiction, Dopamine: Insights from Parkinson's Disease. <i>Neuron</i> , 2009, 61, 502-510.	8.1	313
92	Cognitive Inflexibility after Prefrontal Serotonin Depletion Is Behaviorally and Neurochemically Specific. <i>Cerebral Cortex</i> , 2006, 17, 18-27.	2.9	307
93	The Case for Frontostriatal Dysfunction in Schizophrenia. <i>Schizophrenia Bulletin</i> , 1990, 16, 391-402.	4.3	303
94	Investigating the neurocognitive deficits associated with chronic drug misuse. <i>Current Opinion in Neurobiology</i> , 2001, 11, 250-257.	4.2	297
95	5-HT <sub>2A</sub> and 5-HT <sub>2C</sub> receptor antagonists have opposing effects on a measure of impulsivity: interactions with global 5-HT depletion. <i>Psychopharmacology</i> , 2004, 176, 376-385.	3.1	292
96	Tryptophan depletion in normal volunteers produces selective impairments in learning and memory. <i>Neuropharmacology</i> , 1994, 33, 575-588.	4.1	291
97	Enhanced Avoidance Habits in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2014, 75, 631-638.	1.3	290
98	The effects of d-amphetamine, chlordiazepoxide, $\pm$ -flupenthixol and behavioural manipulations on choice of signalled and unsignalled delayed reinforcement in rats. <i>Psychopharmacology</i> , 2000, 152, 362-375.	3.1	287
99	6-Hydroxydopamine lesions of the nucleus accumbens, but not of the caudate nucleus, attenuate enhanced responding with reward-related stimuli produced by intra-accumbens d-amphetamine. <i>Psychopharmacology</i> , 1986, 90, 390-7.	3.1	285
100	Differential effects of excitotoxic lesions of the basolateral amygdala, ventral subiculum and medial prefrontal cortex on responding with conditioned reinforcement and locomotor activity potentiated by intra-accumbens infusions of d-amphetamine. <i>Behavioural Brain Research</i> , 1993, 55, 167-183.	2.2	284
101	Appetitive Behavior. <i>Annals of the New York Academy of Sciences</i> , 2003, 985, 233-250.	3.8	282
102	Second-order schedules of drug reinforcement in rats and monkeys: measurement of reinforcing efficacy and drug-seeking behaviour. <i>Psychopharmacology</i> , 2000, 153, 17-30.	3.1	280
103	Excitotoxic lesions of the basolateral amygdala impair the acquisition of cocaine-seeking behaviour under a second-order schedule of reinforcement. <i>Psychopharmacology</i> , 1996, 127, 213-224.	3.1	275
104	Atomoxetine Modulates Right Inferior Frontal Activation During Inhibitory Control: A Pharmacological Functional Magnetic Resonance Imaging Study. <i>Biological Psychiatry</i> , 2009, 65, 550-555.	1.3	274
105	Modafinil improves cognition and response inhibition in adult attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2004, 55, 1031-1040.	1.3	269
106	Effects of orbitofrontal, infralimbic and prelimbic cortical lesions on serial spatial reversal learning in the rat. <i>Behavioural Brain Research</i> , 2007, 179, 219-228.	2.2	269
107	Serotonin Modulates Sensitivity to Reward and Negative Feedback in a Probabilistic Reversal Learning Task in Rats. <i>Neuropsychopharmacology</i> , 2010, 35, 1290-1301.	5.4	269
108	Disconnection of the anterior cingulate cortex and nucleus accumbens core impairs Pavlovian approach behavior: Further evidence for limbic cortical-ventral striatopallidal systems. <i>Behavioral Neuroscience</i> , 2000, 114, 42-63.	1.2	265



#	ARTICLE	IF	CITATIONS
109	Neuropsychological impairment in patients with major depressive disorder: the effects of feedback on task performance. <i>Psychological Medicine</i> , 2003, 33, 455-467.	4.5	263
110	Triple dissociation of anterior cingulate, posterior cingulate, and medial frontal cortices on visual discrimination tasks using a touchscreen testing procedure for the rat.. <i>Behavioral Neuroscience</i> , 1997, 111, 920-936.	1.2	262
111	L-DOPA Disrupts Activity in the Nucleus Accumbens during Reversal Learning in Parkinson's Disease. <i>Neuropsychopharmacology</i> , 2007, 32, 180-189.	5.4	262
112	Atomoxetine Improved Response Inhibition in Adults with Attention Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2007, 62, 977-984.	1.3	261
113	Tryptophan depletion impairs stimulus-reward learning while methylphenidate disrupts attentional control in healthy young adults: implications for the monoaminergic basis of impulsive behaviour. <i>Psychopharmacology</i> , 1999, 146, 482-491.	3.1	259
114	Nucleus accumbens dopamine depletion impairs both acquisition and performance of appetitive Pavlovian approach behaviour: implications for mesoaccumbens dopamine function. <i>Behavioural Brain Research</i> , 2002, 137, 149-163.	2.2	258
115	Reconciling the Role of Serotonin in Behavioral Inhibition and Aversion: Acute Tryptophan Depletion Abolishes Punishment-Induced Inhibition in Humans. <i>Journal of Neuroscience</i> , 2009, 29, 11993-11999.	3.6	257
116	The transition to compulsion in addiction. <i>Nature Reviews Neuroscience</i> , 2020, 21, 247-263.	10.2	256
117	Modafinil Improves Cognition and Attentional Set Shifting in Patients with Chronic Schizophrenia. <i>Neuropsychopharmacology</i> , 2004, 29, 1363-1373.	5.4	254
118	Social Isolation in the Rat Produces Developmentally Specific Deficits in Prepulse Inhibition of the Acoustic Startle Response Without Disrupting Latent Inhibition. <i>Neuropsychopharmacology</i> , 1994, 10, 61-72.	5.4	253
119	Effects of the catechol-O-methyltransferase Val158Met polymorphism on executive function: a meta-analysis of the Wisconsin Card Sort Test in schizophrenia and healthy controls. <i>Molecular Psychiatry</i> , 2007, 12, 502-509.	7.9	253
120	Redefining the functional organization of working memory processes within human lateral prefrontal cortex. <i>European Journal of Neuroscience</i> , 1999, 11, 567-574.	2.6	252
121	Chemistry of the mind: Neurochemical modulation of prefrontal cortical function. <i>Journal of Comparative Neurology</i> , 2005, 493, 140-146.	1.6	252
122	Behavioral and neuroimaging evidence for overreliance on habit learning in alcohol-dependent patients. <i>Translational Psychiatry</i> , 2013, 3, e337-e337.	4.8	251
123	Acquisition, maintenance and reinstatement of intravenous cocaine self-administration under a second-order schedule of reinforcement in rats: effects of conditioned cues and continuous access to cocaine. <i>Psychopharmacology</i> , 1998, 140, 331-344.	3.1	250
124	Goal-directed learning and obsessive-compulsive disorder. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130475.	4.0	248
125	Dissociable roles of the central and basolateral amygdala in appetitive emotional learning. <i>European Journal of Neuroscience</i> , 2000, 12, 405-413.	2.6	247
126	Global 5-HT depletion attenuates the ability of amphetamine to decrease impulsive choice on a delay-discounting task in rats. <i>Psychopharmacology</i> , 2003, 170, 320-331.	3.1	245



#	ARTICLE	IF	CITATIONS
127	Differential Regulation of Fronto-Executive Function by the Monoamines and Acetylcholine. Cerebral Cortex, 2007, 17, i151-i160.	2.9	242
128	Cognitive deficits in progressive supranuclear palsy, Parkinson's disease, and multiple system atrophy in tests sensitive to frontal lobe dysfunction.. Journal of Neurology, Neurosurgery and Psychiatry, 1994, 57, 79-88.	1.9	241
129	Relationship between reward-enhancing and stereotypical effects of psychomotor stimulant drugs. Nature, 1976, 264, 57-59.	27.8	238
130	Double Dissociation between Serotonergic and Dopaminergic Modulation of Medial Prefrontal and Orbitofrontal Cortex during a Test of Impulsive Choice. Cerebral Cortex, 2006, 16, 106-114.	2.9	238
131	The effects of ibotenic acid lesions of the nucleus accumbens on spatial learning and extinction in the rat. Behavioural Brain Research, 1989, 31, 231-242.	2.2	237
132	Deficits in Impulse Control Associated with Tonically-elevated Serotonergic Function in Rat Prefrontal Cortex. Neuropsychopharmacology, 2002, 26, 716-728.	5.4	237
133	A role for mesencephalic dopamine in activation: commentary on Berridge (2006). Psychopharmacology, 2007, 191, 433-437.	3.1	234
134	Neuropsychiatric applications of CANTAB. International Journal of Geriatric Psychiatry, 1996, 11, 329-336.	2.7	233
135	Bilateral Lesions of the Subthalamic Nucleus Induce Multiple Deficits in an Attentional Task in Rats. European Journal of Neuroscience, 1997, 9, 2086-2099.	2.6	233
136	Dissociating Inhibition, Attention, and Response Control in the Frontoparietal Network Using Functional Magnetic Resonance Imaging. Cerebral Cortex, 2011, 21, 1155-1165.	2.9	231
137	Chronic cocaine but not chronic amphetamine use is associated with perseverative responding in humans. Psychopharmacology, 2008, 197, 421-431.	3.1	229
138	Lesions of the Medial Striatum in Monkeys Produce Perseverative Impairments during Reversal Learning Similar to Those Produced by Lesions of the Orbitofrontal Cortex. Journal of Neuroscience, 2008, 28, 10972-10982.	3.6	228
139	Limbic Corticostriatal Systems and Delayed Reinforcement. Annals of the New York Academy of Sciences, 2004, 1021, 33-50.	3.8	227
140	The effects of tryptophan depletion on cognitive and affective processing in healthy volunteers. Psychopharmacology, 2002, 163, 42-53.	3.1	219
141	The structure of psychopathology in adolescence and its common personality and cognitive correlates.. Journal of Abnormal Psychology, 2016, 125, 1039-1052.	1.9	217
142	Inhibitory Control in Rats Performing a Stop-Signal Reaction-Time Task: Effects of Lesions of the Medial Striatum and d-Amphetamine.. Behavioral Neuroscience, 2003, 117, 1302-1317.	1.2	215
143	High Impulsivity Predicts Relapse to Cocaine-Seeking After Punishment-Induced Abstinence. Biological Psychiatry, 2009, 65, 851-856.	1.3	215
144	Specific Frontostriatal Circuits for Impaired Cognitive Flexibility and Goal-Directed Planning in Obsessive-Compulsive Disorder: Evidence From Resting-State Functional Connectivity. Biological Psychiatry, 2017, 81, 708-717.	1.3	214

#	ARTICLE	IF	CITATIONS
145	Improved short-term spatial memory but impaired reversal learning following the dopamine D2 agonist bromocriptine in human volunteers. <i>Psychopharmacology</i> , 2001, 159, 10-20.	3.1	213
146	Systemic sulpiride in young adult volunteers simulates the profile of cognitive deficits in Parkinson's disease. <i>Psychopharmacology</i> , 1999, 146, 162-174.	3.1	207
147	Intra-prefrontal 8-OH-DPAT and M100907 improve visuospatial attention and decrease impulsivity on the five-choice serial reaction time task in rats. <i>Psychopharmacology</i> , 2003, 167, 304-314.	3.1	207
148	The role of habit in compulsivity. <i>European Neuropsychopharmacology</i> , 2016, 26, 828-840.	0.7	206
149	Functional Neuroimaging of Avoidance Habits in Obsessive-Compulsive Disorder. <i>American Journal of Psychiatry</i> , 2015, 172, 284-293.	7.2	204
150	Time-limited modulation of appetitive Pavlovian memory by D1 and NMDA receptors in the nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6189-6194.	7.1	200
151	Chemistry of the adaptive mind. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2004, 362, 2871-2888.	3.4	199
152	Potentiation of the effects of reward-related stimuli by dopaminergic-dependent mechanisms in the nucleus accumbens. <i>Psychopharmacology</i> , 1991, 104, 377-385.	3.1	195
153	Discrimination Learning, Reversal, and Set-Shifting in First-Episode Schizophrenia: Stability Over Six Years and Specific Associations with Medication Type and Disorganization Syndrome. <i>Biological Psychiatry</i> , 2009, 66, 586-593.	1.3	193
154	Cognitive deficits in Parkinson's disease: A cognitive neuroscience perspective. <i>Movement Disorders</i> , 2014, 29, 597-607.	3.9	192
155	Dissociable Effects of Selective 5-HT2A and 5-HT2C Receptor Antagonists on Serial Spatial Reversal Learning in Rats. <i>Neuropsychopharmacology</i> , 2008, 33, 2007-2019.	5.4	189
156	Carrots and sticks fail to change behavior in cocaine addiction. <i>Science</i> , 2016, 352, 1468-1471.	12.6	189
157	Serotonergic Modulation of Prefrontal Cortex during Negative Feedback in Probabilistic Reversal Learning. <i>Neuropsychopharmacology</i> , 2005, 30, 1138-1147.	5.4	188
158	Meta-analysis of structural brain abnormalities associated with stimulant drug dependence and neuroimaging of addiction vulnerability and resilience. <i>Current Opinion in Neurobiology</i> , 2013, 23, 615-624.	4.2	188
159	Dissociable Effects of Lesions to Orbitofrontal Cortex Subregions on Impulsive Choice in the Rat. <i>Journal of Neuroscience</i> , 2011, 31, 6398-6404.	3.6	187
160	Maternal deprivation of neonatal rats produces enduring changes in dopamine function. <i>Synapse</i> , 1999, 32, 37-43.	1.2	183
161	Compulsivity in obsessive-compulsive disorder and addictions. <i>European Neuropsychopharmacology</i> , 2016, 26, 856-868.	0.7	183
162	Dissociable effects of cingulate and medial frontal cortex lesions on stimulus-reward learning using a novel Pavlovian autoshaping procedure for the rat: Implications for the neurobiology of emotion.. <i>Behavioral Neuroscience</i> , 1997, 111, 908-919.	1.2	180

#	ARTICLE	IF	CITATIONS
163	Effects of medial prefrontal or anterior cingulate cortex lesions on responding for cocaine under fixed-ratio and second-order schedules of reinforcement in rats. <i>Psychopharmacology</i> , 1997, 134, 242-257.	3.1	177
164	Behavioral addictions. <i>Current Opinion in Neurobiology</i> , 2015, 30, 66-72.	4.2	176
165	The acquisition of responding with conditioned reinforcement: Effects of pipradrol, methylphenidate, d-amphetamine, and nomifensine. <i>Psychopharmacology</i> , 1978, 58, 79-87.	3.1	175
166	Comparison of executive and visuospatial memory function in Huntington's disease and dementia of Alzheimer type matched for degree of dementia.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1995, 58, 598-606.	1.9	171
167	Effects of selective excitotoxic lesions of the nucleus accumbens core, anterior cingulate cortex, and central nucleus of the amygdala on autoshaping performance in rats.. <i>Behavioral Neuroscience</i> , 2002, 116, 553-567.	1.2	171
168	Impaired set-shifting and dissociable effects on tests of spatial working memory following the dopamine D2 receptor antagonist sulpiride in human volunteers. <i>Psychopharmacology</i> , 2004, 176, 331-342.	3.1	171
169	Behavioural characterisation of high impulsivity on the 5-choice serial reaction time task: Specific deficits in "waiting"™ versus "stopping"™. <i>Behavioural Brain Research</i> , 2009, 196, 310-316.	2.2	171
170	Dissociable effects of noradrenaline, dopamine, and serotonin uptake blockade on stop task performance in rats. <i>Psychopharmacology</i> , 2009, 205, 273-283.	3.1	170
171	Noradrenergic modulation of cognition: Therapeutic implications. <i>Journal of Psychopharmacology</i> , 2013, 27, 694-718.	4.0	170
172	Differential effects of modafinil and methylphenidate on stop-signal reaction time task performance in the rat, and interactions with the dopamine receptor antagonist cis-flupenthixol. <i>Psychopharmacology</i> , 2007, 192, 193-206.	3.1	167
173	Selective lesions of the dorsomedial striatum impair serial spatial reversal learning in rats. <i>Behavioural Brain Research</i> , 2010, 210, 74-83.	2.2	165
174	COGNITIVE PERFORMANCE IN MULTIPLE SYSTEM ATROPHY. <i>Brain</i> , 1992, 115, 271-291.	7.6	164
175	Behavioural pharmacology: 40+ years of progress, with a focus on glutamate receptors and cognition. <i>Trends in Pharmacological Sciences</i> , 2006, 27, 141-148.	8.7	159
176	Fronto-striatal organization: Defining functional and microstructural substrates of behavioural flexibility. <i>Cortex</i> , 2016, 74, 118-133.	2.4	155
177	Forebrain connectivity of the prefrontal cortex in the marmoset monkey ( <i>Callithrix jacchus</i> ): An anterograde and retrograde tract-tracing study. <i>Journal of Comparative Neurology</i> , 2007, 502, 86-112.	1.6	154
178	A Randomized Trial Directly Comparing Ventral Capsule and Anteromedial Subthalamic Nucleus Stimulation in Obsessive-Compulsive Disorder: Clinical and Imaging Evidence for Dissociable Effects. <i>Biological Psychiatry</i> , 2019, 85, 726-734.	1.3	152
179	Measuring "Waiting"™ Impulsivity in Substance Addictions and Binge Eating Disorder in a Novel Analogue of Rodent Serial Reaction Time Task. <i>Biological Psychiatry</i> , 2014, 75, 148-155.	1.3	151
180	The role of cortical cholinergic afferent projections in cognition: impact of new selective immunotoxins. <i>Behavioural Brain Research</i> , 2000, 115, 251-263.	2.2	150

#	ARTICLE	IF	CITATIONS
181	Prefrontal and Monoaminergic Contributions to Stop-Signal Task Performance in Rats. <i>Journal of Neuroscience</i> , 2011, 31, 9254-9263.	3.6	149
182	Increased response switching, perseveration and perseverative switching following d-amphetamine in the rat. <i>Psychopharmacology</i> , 1983, 80, 67-73.	3.1	147
183	Leftward shift in the acquisition of cocaine self-administration in isolation-reared rats: relationship to extracellular levels of dopamine, serotonin and glutamate in the nucleus accumbens and amygdala-striatal FOS expression. <i>Psychopharmacology</i> , 2000, 151, 55-63.	3.1	144
184	Individual differences in threat sensitivity predict serotonergic modulation of amygdala response to fearful faces. <i>Psychopharmacology</i> , 2005, 180, 670-679.	3.1	139
185	Neural Systems Underlying Arousal and Attention: Implications for Drug Abuse <sup>a</sup> . <i>Annals of the New York Academy of Sciences</i> , 1998, 846, 222-237.	3.8	136
186	Shifting the balance between goals and habits: Five failures in experimental habit induction.. <i>Journal of Experimental Psychology: General</i> , 2018, 147, 1043-1065.	2.1	136
187	Impulsive choice and altruistic punishment are correlated and increase in tandem with serotonin depletion.. <i>Emotion</i> , 2010, 10, 855-862.	1.8	131
188	Discrimination, reversal, and shift learning in Huntington's disease: mechanisms of impaired response selection. <i>Neuropsychologia</i> , 1999, 37, 1359-1374.	1.6	130
189	Contrasting Roles for Dopamine D1 and D2 Receptor Subtypes in the Dorsomedial Striatum but Not the Nucleus Accumbens Core during Behavioral Inhibition in the Stop-Signal Task in Rats. <i>Journal of Neuroscience</i> , 2011, 31, 7349-7356.	3.6	129
190	Animal Models of Neuropsychiatric Disorders. <i>Annual Review of Clinical Psychology</i> , 2011, 7, 39-61.	12.3	128
191	Effects of Acute Tryptophan Depletion on Prefrontal-Amygdala Connectivity While Viewing Facial Signals of Aggression. <i>Biological Psychiatry</i> , 2012, 71, 36-43.	1.3	128
192	Effects of medial dorsal thalamic and ventral pallidal lesions on the acquisition of a conditioned place preference: Further evidence for the involvement of the ventral striatopallidal system in reward-related processes. <i>Neuroscience</i> , 1993, 52, 605-620.	2.3	127
193	Genetic impact on cognition and brain function in newly diagnosed Parkinson's disease: ICICLE-PD study. <i>Brain</i> , 2014, 137, 2743-2758.	7.6	127
194	Enhanced habit formation in Gilles de la Tourette syndrome. <i>Brain</i> , 2016, 139, 605-615.	7.6	125
195	Enhancement of Spatial Reversal Learning by 5-HT <sub>2C</sub> Receptor Antagonism Is Neuroanatomically Specific. <i>Journal of Neuroscience</i> , 2010, 30, 930-938.	3.6	123
196	Translating cognition from animals to humans. <i>Biochemical Pharmacology</i> , 2011, 81, 1356-1366.	4.4	123
197	Neural basis of impaired safety signaling in Obsessive Compulsive Disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3216-3221.	7.1	123
198	Effects of scopolamine on delayed-matching-to-sample and paired associates tests of visual memory and learning in human subjects: comparison with diazepam and implications for dementia. <i>Psychopharmacology</i> , 1997, 134, 95-106.	3.1	122

#	ARTICLE	IF	CITATIONS
199	Opposing Roles for 5-HT <sub>2A</sub> and 5-HT <sub>2C</sub> Receptors in the Nucleus Accumbens on Inhibitory Response Control in the 5-Choice Serial Reaction Time Task. <i>Neuropsychopharmacology</i> , 2008, 33, 2398-2406.	5.4	122
200	Dopamine, But Not Serotonin, Regulates Reversal Learning in the Marmoset Caudate Nucleus. <i>Journal of Neuroscience</i> , 2011, 31, 4290-4297.	3.6	122
201	Biological and clinical characteristics of gene carriers far from predicted onset in the Huntington's disease Young Adult Study (HD-YAS): a cross-sectional analysis. <i>Lancet Neurology</i> , The, 2020, 19, 502-512.	10.2	122
202	Serotonin Modulates Striatal Responses to Fairness and Retaliation in Humans. <i>Journal of Neuroscience</i> , 2013, 33, 3505-3513.	3.6	121
203	Fronto-striatal circuits in response-inhibition: Relevance to addiction. <i>Brain Research</i> , 2015, 1628, 117-129.	2.2	121
204	A dissociation of the effects of d-amphetamine on locomotor activity and exploration in rats. <i>Psychopharmacology</i> , 1973, 28, 155-164.	3.1	120
205	THE FUNCTIONAL ROLE OF MESOTELENCEPHALIC DOPAMINE SYSTEMS. <i>Biological Reviews</i> , 1992, 67, 491-518.	10.4	120
206	Dissociations in dopamine release in medial prefrontal cortex and ventral striatum during the acquisition and extinction of classical aversive conditioning in the rat. <i>European Journal of Neuroscience</i> , 1998, 10, 1019-1026.	2.6	119
207	Role of Dopamine D <sub>2</sub> Receptors in Human Reinforcement Learning. <i>Neuropsychopharmacology</i> , 2014, 39, 2366-2375.	5.4	119
208	Dissociable Control of Impulsivity in Rats by Dopamine D <sub>2/3</sub> Receptors in the Core and Shell Subregions of the Nucleus Accumbens. <i>Neuropsychopharmacology</i> , 2010, 35, 560-569.	5.4	118
209	Modulation of high impulsivity and attentional performance in rats by selective direct and indirect dopaminergic and noradrenergic receptor agonists. <i>Psychopharmacology</i> , 2012, 219, 341-352.	3.1	117
210	Targeting impulsivity in Parkinson's disease using atomoxetine. <i>Brain</i> , 2014, 137, 1986-1997.	7.6	116
211	A trans-diagnostic perspective on obsessive-compulsive disorder. <i>Psychological Medicine</i> , 2017, 47, 1528-1548.	4.5	115
212	Dissociable effects of anterior and posterior cingulate cortex lesions on the acquisition of a conditional visual discrimination: Facilitation of early learning vs. impairment of late learning. <i>Behavioural Brain Research</i> , 1996, 82, 45-56.	2.2	113
213	Response Perseveration in Stimulant Dependence Is Associated with Striatal Dysfunction and Can Be Ameliorated by a D <sub>2/3</sub> Receptor Agonist. <i>Biological Psychiatry</i> , 2011, 70, 754-762.	1.3	113
214	Selective serotonin reuptake inhibition modulates response inhibition in Parkinson's disease. <i>Brain</i> , 2014, 137, 1145-1155.	7.6	113
215	The effect of dopamine depletion from the caudate nucleus of the common marmoset ( <i>Callithrix</i> ) Tj ETQq1 1 0.784314 rgBT /Overloc	1.2	112
216	How dopamine dysregulation leads to psychotic symptoms? Abnormal mesolimbic and mesostriatal prediction error signalling in psychosis. <i>Molecular Psychiatry</i> , 2008, 13, 239-239.	7.9	111

#	ARTICLE	IF	CITATIONS
217	Functional implications of dopamine D1 vs. D2 receptors: A “prepare and select” model of the striatal direct vs. indirect pathways. <i>Neuroscience</i> , 2014, 282, 156-175.	2.3	111
218	Distribution and some projections of cholinergic neurons in the brain of the common marmoset, <i>Callithrix jacchus</i> . <i>Journal of Comparative Neurology</i> , 1988, 271, 533-558.	1.6	109
219	Apathy and impulsivity in frontotemporal lobar degeneration syndromes. <i>Brain</i> , 2017, 140, 1792-1807.	7.6	109
220	Impulsivity in disorders of food and drug misuse. <i>Psychological Medicine</i> , 2015, 45, 771-782.	4.5	107
221	Excitotoxic lesions of the basolateral amygdala impair the acquisition of cocaine-seeking behaviour under a second-order schedule of reinforcement. <i>Psychopharmacology</i> , 1996, 127, 213-24.	3.1	107
222	Effects of STN lesions on simple vs choice reaction time tasks in the rat: preserved motor readiness, but impaired response selection. <i>European Journal of Neuroscience</i> , 2001, 13, 1609-1616.	2.6	106
223	Reduction in ventral striatal activity when anticipating a reward in depression and schizophrenia: a replicated cross-diagnostic finding. <i>Frontiers in Psychology</i> , 2015, 6, 1280.	2.1	105
224	Differential Effects of Nucleus Accumbens Core, Shell, or Dorsal Striatal Inactivations on the Persistence, Reacquisition, or Reinstatement of Responding for a Drug-Paired Conditioned Reinforcer. <i>Neuropsychopharmacology</i> , 2008, 33, 1413-1425.	5.4	103
225	Serotonin Depletion Induces “Waiting Impulsivity” on the Human Four-Choice Serial Reaction Time Task: Cross-Species Translational Significance. <i>Neuropsychopharmacology</i> , 2014, 39, 1519-1526.	5.4	103
226	The Paired Associates Learning (PAL) Test: 30 Years of CANTAB Translational Neuroscience from Laboratory to Bedside in Dementia Research. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 28, 449-474.	1.7	103
227	Habits. <i>Current Biology</i> , 2017, 27, R1200-R1206.	3.9	103
228	Norepinephrine and Dopamine Modulate Impulsivity on the Five-Choice Serial Reaction Time Task Through Opponent Actions in the Shell and Core Sub-Regions of the Nucleus Accumbens. <i>Neuropsychopharmacology</i> , 2012, 37, 2057-2066.	5.4	101
229	Selective deficits in attentional performance on the 5-choice serial reaction time task following pedunculopontine tegmental nucleus lesions. <i>Behavioural Brain Research</i> , 2001, 123, 117-131.	2.2	100
230	Unilateral Lesions of the Dorsal Striatum in Rats Disrupt Responding in Egocentric Space. <i>Journal of Neuroscience</i> , 1997, 17, 8919-8926.	3.6	97
231	High impulsivity predicting vulnerability to cocaine addiction in rats: some relationship with novelty preference but not novelty reactivity, anxiety or stress. <i>Psychopharmacology</i> , 2011, 215, 721-731.	3.1	97
232	Dopamine D2/D3 receptor agonist quinpirole impairs spatial reversal learning in rats: investigation of D3 receptor involvement in persistent behavior. <i>Psychopharmacology</i> , 2009, 202, 611-620.	3.1	96
233	Lesions to the subthalamic nucleus decrease impulsive choice but impair autoshaping in rats: the importance of the basal ganglia in Pavlovian conditioning and impulse control. <i>European Journal of Neuroscience</i> , 2005, 21, 3107-3116.	2.6	95
234	Temperament and arousal systems: A new synthesis of differential psychology and functional neurochemistry. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 64, 382-402.	6.1	94



#	ARTICLE	IF	CITATIONS
235	Cognitive underpinnings of nationalistic ideology in the context of Brexit. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4532-E4540.	7.1	94
236	Improving Response Inhibition in Parkinson's Disease with Atomoxetine. Biological Psychiatry, 2015, 77, 740-748.	1.3	93
237	The partisan mind: Is extreme political partisanship related to cognitive inflexibility?. Journal of Experimental Psychology: General, 2020, 149, 407-418.	2.1	93
238	Impulsive behaviour induced by both NMDA receptor antagonism and GABAA receptor activation in rat ventromedial prefrontal cortex. Psychopharmacology, 2012, 219, 401-410.	3.1	92
239	Differential Contributions of Dopamine and Serotonin to Orbitofrontal Cortex Function in the Marmoset. Cerebral Cortex, 2009, 19, 889-898.	2.9	91
240	Selective Remediation of Reversal Learning Deficits in the Neurodevelopmental MAM Model of Schizophrenia by a Novel mGlu5 Positive Allosteric Modulator. Neuropsychopharmacology, 2012, 37, 1057-1066.	5.4	90
241	A positron emission tomography study of nigro-striatal dopaminergic mechanisms underlying attention: implications for ADHD and its treatment. Brain, 2013, 136, 3252-3270.	7.6	90
242	Functional disconnection of a prefrontal cortical-dorsal striatal system disrupts choice reaction time performance: Implications for attentional function.. Behavioral Neuroscience, 2001, 115, 812-825.	1.2	89
243	Creature of Habit: A self-report measure of habitual routines and automatic tendencies in everyday life. Personality and Individual Differences, 2017, 116, 73-85.	2.9	89
244	Effects of excitotoxic lesions of the central amygdaloid nucleus on the potentiation of reward-related stimuli by intra-accumbens amphetamine.. Behavioral Neuroscience, 1996, 110, 981-990.	1.2	88
245	Serotonin Modulates the Effects of Pavlovian Aversive Predictions on Response Vigor. Neuropsychopharmacology, 2012, 37, 2244-2252.	5.4	88
246	From impulses to maladaptive actions: the insula is a neurobiological gate for the development of compulsive behavior. Molecular Psychiatry, 2016, 21, 491-499.	7.9	88
247	Reliance on habits at the expense of goal-directed control following dopamine precursor depletion. Psychopharmacology, 2012, 219, 621-631.	3.1	87
248	Blunted ventral striatal responses to anticipated rewards foreshadow problematic drug use in novelty-seeking adolescents. Nature Communications, 2017, 8, 14140.	12.8	87
249	Brain networks underlying vulnerability and resilience to drug addiction. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15253-15261.	7.1	86
250	Role of the anterior cingulate cortex in the control over behavior by Pavlovian conditioned stimuli in rats.. Behavioral Neuroscience, 2003, 117, 566-587.	1.2	85
251	Acute dietary tryptophan depletion impairs maintenance of "affective set" and delayed visual recognition in healthy volunteers. Psychopharmacology, 2001, 154, 319-326.	3.1	84
252	Cross-species studies of cognition relevant to drug discovery: a translational approach. British Journal of Pharmacology, 2017, 174, 3191-3199.	5.4	84



#	ARTICLE	IF	CITATIONS
253	Compulsivity Reveals a Novel Dissociation between Action and Confidence. <i>Neuron</i> , 2017, 96, 348-354.e4.	8.1	83
254	Gamma Aminobutyric Acidergic and Neuronal Structural Markers in the Nucleus Accumbens Core Underlie Trait-like Impulsive Behavior. <i>Biological Psychiatry</i> , 2014, 75, 115-123.	1.3	81
255	The role of noradrenaline in cognition and cognitive disorders. <i>Brain</i> , 2021, 144, 2243-2256.	7.6	81
256	The hippocampus and appetitive Pavlovian conditioning: Effects of excitotoxic hippocampal lesions on conditioned locomotor activity and autoshaping. <i>Hippocampus</i> , 2005, 15, 713-721.	1.9	78
257	Abnormal Frontostriatal Activity During Unexpected Reward Receipt in Depression and Schizophrenia: Relationship to Anhedonia. <i>Neuropsychopharmacology</i> , 2016, 41, 2001-2010.	5.4	78
258	Selective depletion of cortical noradrenaline by anti-dopamine beta-hydroxylase "saporin impairs attentional function and enhances the effects of guanfacine in the rat. <i>Psychopharmacology</i> , 2007, 190, 51-63.	3.1	76
259	Atomoxetine restores the response inhibition network in Parkinson's disease. <i>Brain</i> , 2016, 139, 2235-2248.	7.6	76
260	The profile of executive function in OCD hoarders and hoarding disorder. <i>Psychiatry Research</i> , 2014, 215, 659-667.	3.3	74
261	Evidence for a Long-Lasting Compulsive Alcohol Seeking Phenotype in Rats. <i>Neuropsychopharmacology</i> , 2018, 43, 728-738.	5.4	74
262	Effects of transient inactivation of the subthalamic nucleus by local muscimol and APV infusions on performance on the five-choice serial reaction time task in rats. <i>Psychopharmacology</i> , 1999, 141, 57-65.	3.1	73
263	Translational approaches to obsessive-compulsive disorder: from animal models to clinical treatment. <i>British Journal of Pharmacology</i> , 2011, 164, 1044-1061.	5.4	72
264	Motivation and value influences in the relative balance of goal-directed and habitual behaviours in obsessive-compulsive disorder. <i>Translational Psychiatry</i> , 2015, 5, e670-e670.	4.8	72
265	Dissociable effects of acute SSRI (escitalopram) on executive, learning and emotional functions in healthy humans. <i>Neuropsychopharmacology</i> , 2018, 43, 2645-2651.	5.4	72
266	Improving response inhibition systems in frontotemporal dementia with citalopram. <i>Brain</i> , 2015, 138, 1961-1975.	7.6	71
267	The psychological roots of intellectual humility: The role of intelligence and cognitive flexibility. <i>Personality and Individual Differences</i> , 2019, 141, 200-208.	2.9	71
268	Role of Central Serotonin in Anticipation of Rewarding and Punishing Outcomes: Effects of Selective Amygdala or Orbitofrontal 5-HT Depletion. <i>Cerebral Cortex</i> , 2015, 25, 3064-3076.	2.9	70
269	Dissociable Learning Processes Underlie Human Pain Conditioning. <i>Current Biology</i> , 2016, 26, 52-58.	3.9	70
270	Measuring the construct of executive control in schizophrenia: Defining and validating translational animal paradigms for discovery research. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2125-2140.	6.1	68

#	ARTICLE	IF	CITATIONS
271	Oscillatory Activity in the Medial Prefrontal Cortex and Nucleus Accumbens Correlates with Impulsivity and Reward Outcome. PLoS ONE, 2014, 9, e111300.	2.5	68
272	Pedunculopontine tegmental nucleus lesions impair stimulusâ€“reward learning in autoshaping and conditioned reinforcement paradigms.. Behavioral Neuroscience, 2000, 114, 285-294.	1.2	67
273	Remediation of attentional dysfunction in rats with lesions of the medial prefrontal cortex by intra-accumbens administration of the dopamine D2/3 receptor antagonist sulpiride. Psychopharmacology, 2009, 202, 307-313.	3.1	66
274	Converging evidence for central 5-HT effects in acute tryptophan depletion. Molecular Psychiatry, 2012, 17, 121-123.	7.9	66
275	Markers of Serotonergic Function in the Orbitofrontal Cortex and Dorsal Raphe Nucleus Predict Individual Variation in Spatial-Discrimination Serial Reversal Learning. Neuropsychopharmacology, 2015, 40, 1619-1630.	5.4	66
276	The Effects of AMPA-induced Lesions of the Septo-hippocampal Cholinergic Projection on Aversive Conditioning to Explicit and Contextual Cues and Spatial Learning in the Water Maze. European Journal of Neuroscience, 1995, 7, 281-292.	2.6	65
277	Jumping the Gun: Mapping Neural Correlates of Waiting Impulsivity and Relevance Across Alcohol Misuse. Biological Psychiatry, 2016, 79, 499-507.	1.3	65
278	A plan for mental illness. Nature, 2012, 483, 269-269.	27.8	64
279	Risk-Sensitive Decision-Making in Patients with Posterior Parietal and Ventromedial Prefrontal Cortex Injury. Cerebral Cortex, 2015, 25, 1-9.	2.9	64
280	EMOTICOM: A Neuropsychological Test Battery to Evaluate Emotion, Motivation, Impulsivity, and Social Cognition. Frontiers in Behavioral Neuroscience, 2016, 10, 25.	2.0	64
281	Valence-dependent influence of serotonin depletion on model-based choice strategy. Molecular Psychiatry, 2016, 21, 624-629.	7.9	64
282	Reorganization of cortical oscillatory dynamics underlying disinhibition in frontotemporal dementia. Brain, 2018, 141, 2486-2499.	7.6	64
283	Computational modelling reveals contrasting effects on reinforcement learning and cognitive flexibility in stimulant use disorder and obsessive-compulsive disorder: remediating effects of dopaminergic D2/3 receptor agents. Psychopharmacology, 2019, 236, 2337-2358.	3.1	64
284	Lack of effects of guanfacine on executive and memory functions in healthy male volunteers. Psychopharmacology, 2005, 182, 205-213.	3.1	63
285	Brain functional connectivity in stimulant drug dependence and obsessiveâ€“compulsive disorder. NeuroImage, 2012, 59, 1461-1468.	4.2	63
286	Symmetrical effects of amphetamine and alpha-flupenthixol on conditioned punishment and conditioned reinforcement: contrasts with midazolam. Psychopharmacology, 1997, 129, 141-152.	3.1	62
287	The effects of nucleus accumbens core and shell lesions on intravenous heroin self-administration and the acquisition of drug-seeking behaviour under a second-order schedule of heroin reinforcement. Psychopharmacology, 2001, 153, 464-472.	3.1	62
288	The continuous performance test (rCPT) for mice: a novel operant touchscreen test of attentional function. Psychopharmacology, 2015, 232, 3947-3966.	3.1	62

#	ARTICLE	IF	CITATIONS
289	The cognitive and perceptual correlates of ideological attitudes: a data-driven approach. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200424.	4.0	62
290	Sulpiride alleviates the attentional impairments of rats with medial prefrontal cortex lesions. <i>Behavioural Brain Research</i> , 2003, 138, 59-69.	2.2	61
291	Hyperconnectivity of the ventromedial prefrontal cortex in obsessive-compulsive disorder. <i>Brain and Neuroscience Advances</i> , 2018, 2, 239821281880871.	3.4	61
292	Counterfactual Processing of Economic Action-Outcome Alternatives in Obsessive-Compulsive Disorder: Further Evidence of Impaired Goal-Directed Behavior. <i>Biological Psychiatry</i> , 2014, 75, 639-646.	1.3	60
293	Predicting beneficial effects of atomoxetine and citalopram on response inhibition in <scp>P</scp>arkinson's disease with clinical and neuroimaging measures. <i>Human Brain Mapping</i> , 2016, 37, 1026-1037.	3.6	60
294	Abnormal reward prediction-error signalling in antipsychotic naive individuals with first-episode psychosis or clinical risk for psychosis. <i>Neuropsychopharmacology</i> , 2018, 43, 1691-1699.	5.4	60
295	Homology in behavioural pharmacology: an approach to animal models of human cognition. <i>Behavioural Pharmacology</i> , 1998, 9, 509-519.	1.7	59
296	Social dominance in rats: effects on cocaine self-administration, novelty reactivity and dopamine receptor binding and content in the striatum. <i>Psychopharmacology</i> , 2016, 233, 579-589.	3.1	58
297	Animal models of obsessive-compulsive spectrum disorders. <i>CNS Spectrums</i> , 2014, 19, 28-49.	1.2	57
298	The Effects of AMPA-induced Lesions of the Medial Septum and Vertical Limb Nucleus of the Diagonal Band of Broca on Spatial Delayed Non-matching to Sample and Spatial Learning in the Water Maze. <i>European Journal of Neuroscience</i> , 1995, 7, 1034-1049.	2.6	56
299	Selective excitotoxic lesions of the nucleus accumbens core and shell differentially affect aversive Pavlovian conditioning to discrete and contextual cues. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1999, 27, 256-266.	1.3	56
300	Pipradrol enhances reinforcing properties of stimuli paired with brain stimulation. <i>Pharmacology Biochemistry and Behavior</i> , 1978, 8, 219-222.	2.9	54
301	Nucleus accumbens dopamine and discriminated approach learning: interactive effects of 6-hydroxydopamine lesions and systemic apomorphine administration. <i>Psychopharmacology</i> , 2002, 161, 425-433.	3.1	54
302	Prefrontal Hypoactivity Associated with Impaired Inhibition in Stimulant-Dependent Individuals but Evidence for Hyperactivation in their Unaffected Siblings. <i>Neuropsychopharmacology</i> , 2013, 38, 1945-1953.	5.4	54
303	Dissociable Rate-Dependent Effects of Oral Methylphenidate on Impulsivity and $D_{2/3}$ Receptor Availability in the Striatum. <i>Journal of Neuroscience</i> , 2015, 35, 3747-3755.	3.6	54
304	Refining the Taxonomy of Memory. <i>Science</i> , 1996, 273, 1353-1354.	12.6	53
305	Sex Differences in COMT Polymorphism Effects on Prefrontal Inhibitory Control in Adolescence. <i>Neuropsychopharmacology</i> , 2014, 39, 2560-2569.	5.4	53
306	Neural basis of reward anticipation and its genetic determinants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3879-3884.	7.1	53

#	ARTICLE	IF	CITATIONS
307	Locus coeruleus integrity and the effect of atomoxetine on response inhibition in Parkinson's disease. <i>Brain</i> , 2021, 144, 2513-2526.	7.6	53
308	Effects of excitotoxic lesions of the basolateral amygdala on conditional discrimination learning with primary and conditioned reinforcement. <i>Behavioural Brain Research</i> , 1999, 100, 123-133.	2.2	52
309	The effects of excitotoxic lesions of the nucleus accumbens core or shell regions on intravenous heroin self-administration in rats. <i>Psychopharmacology</i> , 2001, 153, 455-463.	3.1	52
310	The dopamine D2 receptor antagonist sulpiride modulates striatal BOLD signal during the manipulation of information in working memory. <i>Psychopharmacology</i> , 2009, 207, 35-45.	3.1	52
311	The dopamine D2/D3 receptor agonist quinpirole increases checking-like behaviour in an operant observing response task with uncertain reinforcement: A novel possible model of OCD. <i>Behavioural Brain Research</i> , 2014, 264, 207-229.	2.2	52
312	Hypoactivation and Dysconnectivity of a Frontostriatal Circuit During Goal-Directed Planning as an Endophenotype for Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 655-663.	1.5	52
313	Resolving heterogeneity in schizophrenia through a novel systems approach to brain structure: individualized structural covariance network analysis. <i>Molecular Psychiatry</i> , 2021, 26, 7719-7731.	7.9	52
314	Dissociable effects of AMPA-induced lesions of the vertical limb diagonal band of Broca on performance of the 5-choice serial reaction time task and on acquisition of a conditional visual discrimination. <i>Behavioural Brain Research</i> , 1996, 82, 31-44.	2.2	51
315	Tryptophan Depletion Promotes Habitual over Goal-Directed Control of Appetitive Responding in Humans. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pii013.	2.1	51
316	Dissociable roles of prefrontal subregions in self-ordered working memory performance. <i>Neuropsychologia</i> , 2008, 46, 2650-2661.	1.6	50
317	Orbitofrontal Dopamine Depletion Upregulates Caudate Dopamine and Alters Behavior via Changes in Reinforcement Sensitivity. <i>Journal of Neuroscience</i> , 2014, 34, 7663-7676.	3.6	50
318	Iowa gambling task impairment in Parkinson's disease can be normalised by reduction of dopaminergic medication after subthalamic stimulation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 186-190.	1.9	50
319	Cognitive Inflexibility Predicts Extremist Attitudes. <i>Frontiers in Psychology</i> , 2019, 10, 989.	2.1	50
320	Structural brain correlates of adolescent resilience. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 1287-1296.	5.2	49
321	A dimensional approach to modeling symptoms of neuropsychiatric disorders in the marmoset monkey. <i>Developmental Neurobiology</i> , 2017, 77, 328-353.	3.0	48
322	A review of molecular genetic studies of neurocognitive deficits in schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 72, 50-67.	6.1	47
323	The role of 5-HT2C receptors in touchscreen visual reversal learning in the rat: a cross-site study. <i>Psychopharmacology</i> , 2015, 232, 4017-4031.	3.1	46
324	The effects of excitotoxic lesions of the basolateral amygdala on the acquisition of heroin-seeking behaviour in rats. <i>Psychopharmacology</i> , 2000, 153, 111-119.	3.1	45

#	ARTICLE	IF	CITATIONS
325	Resilience and corpus callosum microstructure in adolescence. <i>Psychological Medicine</i> , 2015, 45, 2285-2294.	4.5	45
326	A mouse model of the 15q13.3 microdeletion syndrome shows prefrontal neurophysiological dysfunctions and attentional impairment. <i>Psychopharmacology</i> , 2016, 233, 2151-2163.	3.1	45
327	Heroin self-administration under a second-order schedule of reinforcement: acquisition and maintenance of heroin-seeking behaviour in rats. <i>Psychopharmacology</i> , 2000, 153, 120-133.	3.1	44
328	Safety signals as instrumental reinforcers during free-operant avoidance. <i>Learning and Memory</i> , 2014, 21, 488-497.	1.3	44
329	Comparative functions of the central noradrenergic, dopaminergic and cholinergic systems. <i>Neuropharmacology</i> , 1987, 26, 893-901.	4.1	43
330	The NEWMEDS rodent touchscreen test battery for cognition relevant to schizophrenia. <i>Psychopharmacology</i> , 2015, 232, 3853-3872.	3.1	43
331	Role of the Perigenual Anterior Cingulate and Orbitofrontal Cortex in Contingency Learning in the Marmoset. <i>Cerebral Cortex</i> , 2016, 26, 3273-3284.	2.9	43
332	Atomoxetine Enhances Connectivity of Prefrontal Networks in Parkinson's Disease. <i>Neuropsychopharmacology</i> , 2016, 41, 2171-2177.	5.4	43
333	Impaired cognitive plasticity and goal-directed control in adolescent obsessive-compulsive disorder. <i>Psychological Medicine</i> , 2018, 48, 1900-1908.	4.5	43
334	Early-life stress and inflammation: A systematic review of a key experimental approach in rodents. <i>Brain and Neuroscience Advances</i> , 2020, 4, 239821282097804.	3.4	43
335	Prognostic importance of apathy in syndromes associated with frontotemporal lobar degeneration. <i>Neurology</i> , 2019, 92, e1547-e1557.	1.1	42
336	The effect of dopamine depletion from the caudate nucleus of the common marmoset ( <i>Callithrix</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.2	42
337	Subthreshold Depression and Regional Brain Volumes in Young Community Adolescents. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 832-840.	0.5	41
338	Synthesizing Schizophrenia: A Bottom-Up, Symptomatic Approach. <i>Schizophrenia Bulletin</i> , 2005, 31, 854-864.	4.3	40
339	Right inferior frontal cortex: addressing the rebuttals. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 905.	2.0	40
340	Ramping single unit activity in the medial prefrontal cortex and ventral striatum reflects the onset of waiting but not imminent impulsive actions. <i>European Journal of Neuroscience</i> , 2015, 41, 1524-1537.	2.6	40
341	Evidence Supports Specific Braking Function for Inferior PFC. <i>Trends in Cognitive Sciences</i> , 2015, 19, 711-712.	7.8	40
342	Dissociable and Paradoxical Roles of Rat Medial and Lateral Orbitofrontal Cortex in Visual Serial Reversal Learning. <i>Cerebral Cortex</i> , 2020, 30, 1016-1029.	2.9	40

#	ARTICLE	IF	CITATIONS
343	Forebrain serotonin depletion facilitates the acquisition and performance of a conditional visual discrimination task in rats. Behavioural Brain Research, 1999, 100, 51-65.	2.2	38
344	Enhanced Orbitofrontal Cortex Function and Lack of Attentional Bias to Cocaine Cues in Recreational Stimulant Users. Biological Psychiatry, 2014, 75, 124-131.	1.3	38
345	Divergent subcortical activity for distinct executive functions: stopping and shifting in obsessive compulsive disorder. Psychological Medicine, 2016, 46, 829-840.	4.5	38
346	Distinct risk factors for obsessive and compulsive symptoms in chronic schizophrenia. Psychological Medicine, 2018, 48, 2668-2675.	4.5	38
347	Decreased brain connectivity in smoking contrasts with increased connectivity in drinking. ELife, 2019, 8, .	6.0	38
348	Does visuospatial memory in senile dementia of the Alzheimer type depend on the severity of the disorder?. International Journal of Geriatric Psychiatry, 1992, 7, 427-436.	2.7	37
349	Dissociations in Hippocampal 5-Hydroxytryptamine Release in the Rat Following Pavlovian Aversive Conditioning to Discrete and Contextual Stimuli. European Journal of Neuroscience, 1996, 8, 1479-1487.	2.6	37
350	Special issue on impulsivity and compulsivity. Psychopharmacology, 2012, 219, 251-252.	3.1	37
351	White-matter microstructure and gray-matter volumes in adolescents with subthreshold bipolar symptoms. Molecular Psychiatry, 2014, 19, 462-470.	7.9	37
352	Cognitive flexibility and religious disbelief. Psychological Research, 2019, 83, 1749-1759.	1.7	37
353	Identification of neurobehavioural symptom groups based on shared brain mechanisms. Nature Human Behaviour, 2019, 3, 1306-1318.	12.0	37
354	Dopamine D2-Receptor Blockade Enhances Decoding of Prefrontal Signals in Humans. Journal of Neuroscience, 2015, 35, 4104-4111.	3.6	36
355	Association between MAPT haplotype and memory function in patients with Parkinson's disease and healthy aging individuals. Neurobiology of Aging, 2015, 36, 1519-1528.	3.1	35
356	Separate neural systems for behavioral change and for emotional responses to failure during behavioral inhibition. Human Brain Mapping, 2017, 38, 3527-3537.	3.6	35
357	Cognitive Inflexibility in OCD and Related Disorders. Current Topics in Behavioral Neurosciences, 2021, 49, 125-145.	1.7	34
358	Value generalization in human avoidance learning. ELife, 2018, 7, .	6.0	34
359	Neural systems underlying arousal and attention. Implications for drug abuse. Annals of the New York Academy of Sciences, 1998, 846, 222-37.	3.8	34
360	Dopaminergic drug treatment remediates exaggerated cingulate prediction error responses in obsessive-compulsive disorder. Psychopharmacology, 2019, 236, 2325-2336.	3.1	33



#	ARTICLE	IF	CITATIONS
361	Withdrawal from escalated cocaine self-administration impairs reversal learning by disrupting the effects of negative feedback on reward exploitation: a behavioral and computational analysis. <i>Neuropsychopharmacology</i> , 2019, 44, 2163-2173.	5.4	33
362	Dorsal and ventral striatal dopamine D1 and D2 receptors differentially modulate distinct phases of serial visual reversal learning. <i>Neuropsychopharmacology</i> , 2020, 45, 736-744.	5.4	33
363	Taxonomies of psychological individual differences: biological perspectives on millennia-long challenges. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170152.	4.0	32
364	Impaired awareness of action-outcome contingency and causality during healthy ageing and following ventromedial prefrontal cortex lesions. <i>Neuropsychologia</i> , 2019, 128, 282-289.	1.6	32
365	Differential Effects of Forebrain 5-Hydroxytryptamine Depletions on Pavlovian Aversive Conditioning to Discrete and Contextual Stimuli in the Rat. <i>European Journal of Neuroscience</i> , 1995, 7, 2042-2052.	2.6	31
366	Dissociation of long-term verbal memory and fronto-executive impairment in first-episode psychosis. <i>Psychological Medicine</i> , 2009, 39, 1799-1808.	4.5	31
367	DRD2/ANKK1 Polymorphism Modulates the Effect of Ventral Striatal Activation on Working Memory Performance. <i>Neuropsychopharmacology</i> , 2014, 39, 2357-2365.	5.4	31
368	The Novel $\mu$ -Opioid Receptor Antagonist GSK1521498 Decreases Both Alcohol Seeking and Drinking: Evidence from a New Preclinical Model of Alcohol Seeking. <i>Neuropsychopharmacology</i> , 2015, 40, 2981-2992.	5.4	31
369	Risk-Taking in Disorders of Natural and Drug Rewards: Neural Correlates and Effects of Probability, Valence, and Magnitude. <i>Neuropsychopharmacology</i> , 2015, 40, 804-812.	5.4	31
370	White matter change with apathy and impulsivity in frontotemporal lobar degeneration syndromes. <i>Neurology</i> , 2018, 90, e1066-e1076.	1.1	31
371	D2 receptors and cognitive flexibility in marmosets: tri-phasic doseâ€‘response effects of intra-striatal quinpirole on serial reversal performance. <i>Neuropsychopharmacology</i> , 2019, 44, 564-571.	5.4	31
372	Goal-Directed and Habitual Control in Smokers. <i>Nicotine and Tobacco Research</i> , 2020, 22, 188-195.	2.6	31
373	Neurobehavioural Changes in a Patient with Bilateral Lesions of the Globus Pallidus. <i>Behavioural Neurology</i> , 1993, 6, 229-237.	2.1	30
374	Dissociable effects of mGluR5 allosteric modulation on distinct forms of impulsivity in rats: interaction with NMDA receptor antagonism. <i>Psychopharmacology</i> , 2015, 232, 3327-3344.	3.1	30
375	MAM-E17 rat model impairments on a novel continuous performance task: effects of potential cognitive enhancing drugs. <i>Psychopharmacology</i> , 2017, 234, 2837-2857.	3.1	30
376	Naltrexone ameliorates functional network abnormalities in alcoholâ€‘dependent individuals. <i>Addiction Biology</i> , 2018, 23, 425-436.	2.6	30
377	Impulsivity and compulsivity are differentially associated with automaticity and routine on the Creature of Habit Scale. <i>Personality and Individual Differences</i> , 2019, 150, 109493.	2.9	30
378	Action-Outcome Knowledge Dissociates From Behavior in Obsessive-Compulsive Disorder Following Contingency Degradation. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 200-209.	1.5	30



#	ARTICLE	IF	CITATIONS
379	Reduced Glutamate Turnover in the Putamen Is Linked With Automatic Habits in Human Cocaine Addiction. <i>Biological Psychiatry</i> , 2021, 89, 970-979.	1.3	29
380	Neuropsychology – dementia and affective disorders. <i>British Medical Bulletin</i> , 1996, 52, 627-643.	6.9	28
381	Contrasts between the cardiovascular concomitants of tests of planning and attention. <i>Psychophysiology</i> , 1999, 36, 610-618.	2.4	28
382	Prolonged neglect following unilateral disruption of a prefrontal cortical-dorsal striatal system. <i>European Journal of Neuroscience</i> , 2005, 21, 782-792.	2.6	28
383	Antenatal Glucocorticoid Treatment Induces Adaptations in Adult Midbrain Dopamine Neurons, which Underpin Sexually Dimorphic Behavioral Resilience. <i>Neuropsychopharmacology</i> , 2014, 39, 339-350.	5.4	28
384	Impaired Limbic Cortico-Striatal Structure and Sustained Visual Attention in a Rodent Model of Schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu010-pyu010.	2.1	28
385	Assessing the Cognitive Translational Potential of a Mouse Model of the 22q11.2 Microdeletion Syndrome. <i>Cerebral Cortex</i> , 2016, 26, 3991-4003.	2.9	28
386	Selective and interactive effects of D 2 receptor antagonism and positive allosteric mGluR4 modulation on waiting impulsivity. <i>Neuropharmacology</i> , 2017, 123, 249-260.	4.1	28
387	Acute D3 Antagonist GSK598809 Selectively Enhances Neural Response During Monetary Reward Anticipation in Drug and Alcohol Dependence. <i>Neuropsychopharmacology</i> , 2017, 42, 1049-1057.	5.4	28
388	Are candidate neurocognitive endophenotypes of OCD present in paediatric patients? A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 617-645.	6.1	28
389	Opposing Roles of the Dorsolateral and Dorsomedial Striatum in the Acquisition of Skilled Action Sequencing in Rats. <i>Journal of Neuroscience</i> , 2022, 42, 2039-2051.	3.6	28
390	The Imperial College Cambridge Manchester (ICCAM) platform study: An experimental medicine platform for evaluating new drugs for relapse prevention in addiction. Part A: Study description. <i>Journal of Psychopharmacology</i> , 2015, 29, 943-960.	4.0	27
391	Neurobehavioural sequelae of social deprivation in rodents revisited: Modelling social adversity for developmental neuropsychiatric disorders. <i>Journal of Psychopharmacology</i> , 2016, 30, 1082-1089.	4.0	27
392	Opinion on monoaminergic contributions to traits and temperament. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170153.	4.0	27
393	Alcohol-Preferring Rats Show Goal Oriented Behaviour to Food Incentives but Are Neither Sign-Trackers Nor Impulsive. <i>PLoS ONE</i> , 2015, 10, e0131016.	2.5	26
394	Impulsivity in abstinent alcohol and polydrug dependence: a multidimensional approach. <i>Psychopharmacology</i> , 2016, 233, 1487-1499.	3.1	26
395	Acute naltrexone does not remediate fronto-striatal disturbances in alcoholic and alcoholic polysubstance-dependent populations during a monetary incentive delay task. <i>Addiction Biology</i> , 2017, 22, 1576-1589.	2.6	26
396	Continuous performance test impairment in a 22q11.2 microdeletion mouse model: improvement by amphetamine. <i>Translational Psychiatry</i> , 2018, 8, 247.	4.8	26

#	ARTICLE	IF	CITATIONS
397	Fronto-striatal circuits for cognitive flexibility in far from onset Huntington's disease: evidence from the Young Adult Study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 143-149.	1.9	26
398	Effects of dopamine D2/D3 receptor antagonism on human planning and spatial working memory. <i>Translational Psychiatry</i> , 2017, 7, e1107-e1107.	4.8	25
399	Selective effects of 5-HT <sub>2C</sub> receptor modulation on performance of a novel valence-probe visual discrimination task and probabilistic reversal learning in mice. <i>Psychopharmacology</i> , 2018, 235, 2101-2111.	3.1	25
400	Continued need for non-human primate neuroscience research. <i>Current Biology</i> , 2018, 28, R1186-R1187.	3.9	25
401	Dopamine D2-like receptor stimulation blocks negative feedback in visual and spatial reversal learning in the rat: behavioural and computational evidence. <i>Psychopharmacology</i> , 2019, 236, 2307-2323.	3.1	25
402	Selective Role of the Putamen in Serial Reversal Learning in the Marmoset. <i>Cerebral Cortex</i> , 2019, 29, 447-460.	2.9	25
403	Serotonin depletion amplifies distinct human social emotions as a function of individual differences in personality. <i>Translational Psychiatry</i> , 2021, 11, 81.	4.8	25
404	Gambling disorder in the UK: key research priorities and the urgent need for independent research funding. <i>Lancet Psychiatry</i> , 2022, 9, 321-329.	7.4	25
405	Lesions of the pedunculopontine tegmental nucleus increase sucrose consumption but do not affect discrimination or contrast effects. <i>Behavioral Neuroscience</i> , 1999, 113, 732-743.	1.2	24
406	The Role of the Nucleus Accumbens Shell in the Mediation of the Reinforcing Properties of a Safety Signal in Free-Operant Avoidance: Dopamine-Dependent Inhibitory Effects of d-amphetamine. <i>Neuropsychopharmacology</i> , 2014, 39, 1420-1430.	5.4	24
407	Mouse and Human Genetic Analyses Associate Kalirin with Ventral Striatal Activation during Impulsivity and with Alcohol Misuse. <i>Frontiers in Genetics</i> , 2016, 7, 52.	2.3	24
408	Effects of anterior cingulate cortex lesions on a continuous performance task for mice. <i>Brain and Neuroscience Advances</i> , 2018, 2, 239821281877296.	3.4	24
409	Locus coeruleus pathology in progressive supranuclear palsy, and its relation to disease severity. <i>Acta Neuropathologica Communications</i> , 2020, 8, 11.	5.2	24
410	Excitotoxic lesions of the basolateral amygdala impair the acquisition of cocaine-seeking behaviour under a second-order schedule of reinforcement. <i>Psychopharmacology</i> , 1996, 127, 213-224.	3.1	23
411	Ethanol impairment of spontaneous alternation behaviour and associated changes in medial prefrontal glutamatergic gene expression precede putative markers of dependence. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 132, 63-70.	2.9	23
412	Reward Sensitivity and Waiting Impulsivity: Shift towards Reward Valuation away from Action Control. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 971-978.	2.1	23
413	Psychological mechanisms and functions of 5-HT and SSRIs in potential therapeutic change: Lessons from the serotonergic modulation of action selection, learning, affect, and social cognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 119, 138-167.	6.1	23
414	Reward Versus Nonreward Sensitivity of the Medial Versus Lateral Orbitofrontal Cortex Relates to the Severity of Depressive Symptoms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 259-269.	1.5	23

#	ARTICLE	IF	CITATIONS
415	Controlling one's world: Identification of sub-regions of primate PFC underlying goal-directed behavior. <i>Neuron</i> , 2021, 109, 2485-2498.e5.	8.1	23
416	Locus Coeruleus Integrity from $^{7}T$ MRI Relates to Apathy and Cognition in Parkinsonian Disorders. <i>Movement Disorders</i> , 2022, 37, 1663-1672.	3.9	23
417	Free-Operant Avoidance Behavior by Rats after Reinforcer Revaluation Using Opioid Agonists and d-Amphetamine. <i>Journal of Neuroscience</i> , 2014, 34, 6286-6293.	3.6	22
418	Impairments in reinforcement learning do not explain enhanced habit formation in cocaine use disorder. <i>Psychopharmacology</i> , 2019, 236, 2359-2371.	3.1	22
419	Computational psychopharmacology: a translational and pragmatic approach. <i>Psychopharmacology</i> , 2019, 236, 2295-2305.	3.1	22
420	Serotonin depletion impairs both Pavlovian and instrumental reversal learning in healthy humans. <i>Molecular Psychiatry</i> , 2021, 26, 7200-7210.	7.9	22
421	Role of Central Serotonin in Impulsivity and Compulsivity: Comparative Studies in Experimental Animals and Humans. <i>Handbook of Behavioral Neuroscience</i> , 2010, 21, 415-427.	0.7	21
422	The control of tonic pain by active relief learning. <i>ELife</i> , 2018, 7, .	6.0	21
423	A Touchscreen Motivation Assessment Evaluated in Huntington's Disease Patients and R6/1 Model Mice. <i>Frontiers in Neurology</i> , 2019, 10, 858.	2.4	21
424	The impact of COVID-19 social isolation on aspects of emotional and social cognition. <i>Cognition and Emotion</i> , 2022, 36, 49-58.	2.0	21
425	Facilitation of spatial working memory performance following intra-prefrontal cortical administration of the adrenergic $\alpha_1$ agonist phenylephrine. <i>Psychopharmacology</i> , 2015, 232, 4005-4016.	3.1	20
426	Pharmacological treatment of cognitive deficits in nondementing mental health disorders. <i>Dialogues in Clinical Neuroscience</i> , 2019, 21, 301-308.	3.7	20
427	NEUROSCIENCE: Boosting Working Memory. <i>Science</i> , 2000, 290, 2275-2276.	12.6	19
428	Validation and optimisation of a touchscreen progressive ratio test of motivation in male rats. <i>Psychopharmacology</i> , 2018, 235, 2739-2753.	3.1	19
429	Noradrenergic deficits contribute to apathy in Parkinson's disease through the precision of expected outcomes. <i>PLoS Computational Biology</i> , 2022, 18, e1010079.	3.2	19
430	Waiting impulsivity in isolation-reared and socially-reared rats: effects of amphetamine. <i>Psychopharmacology</i> , 2017, 234, 1587-1601.	3.1	18
431	Effects of naltrexone are influenced by childhood adversity during negative emotional processing in addiction recovery. <i>Translational Psychiatry</i> , 2017, 7, e1054-e1054.	4.8	18
432	Heritability of specific cognitive functions and associations with schizophrenia spectrum disorders using CANTAB: a nation-wide twin study. <i>Psychological Medicine</i> , 2022, 52, 1101-1114.	4.5	18

#	ARTICLE	IF	CITATIONS
433	Serotonergic Innervations of the Orbitofrontal and Medial-prefrontal Cortices are Differentially Involved in Visual Discrimination and Reversal Learning in Rats. <i>Cerebral Cortex</i> , 2021, 31, 1090-1105.	2.9	18
434	Functional dissociations between subregions of the medial prefrontal cortex on the rodent touchscreen continuous performance test (rCPT) of attention.. <i>Behavioral Neuroscience</i> , 2020, 134, 1-14.	1.2	18
435	Effects of familial risk and stimulant drug use on the anticipation of monetary reward: an fMRI study. <i>Translational Psychiatry</i> , 2019, 9, 65.	4.8	17
436	Serotonin enhances the impact of health information on food choice. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2017, 17, 542-553.	2.0	16
437	Atomoxetine effects on attentional bias to drug-related cues in cocaine dependent individuals. <i>Psychopharmacology</i> , 2017, 234, 2289-2297.	3.1	16
438	The ICCAM platform study: An experimental medicine platform for evaluating new drugs for relapse prevention in addiction. Part B: fMRI description. <i>Journal of Psychopharmacology</i> , 2017, 31, 3-16.	4.0	16
439	Effective Use of Animal Models for Therapeutic Development in Psychiatric and Substance Use Disorders. <i>Biological Psychiatry</i> , 2018, 83, 915-923.	1.3	16
440	Blockade of muscarinic acetylcholine receptors facilitates motivated behaviour and rescues a model of antipsychotic-induced amotivation. <i>Neuropsychopharmacology</i> , 2019, 44, 1068-1075.	5.4	16
441	Transdiagnostic and Illness-Specific Functional Dysconnectivity Across Schizophrenia, Bipolar Disorder, and Major Depressive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 542-553.	1.5	16
442	Time to re-engage psychiatric drug discovery by strengthening confidence in preclinical psychopharmacology. <i>Psychopharmacology</i> , 2021, 238, 1417-1436.	3.1	16
443	Take it or leave it: prefrontal control in recreational cocaine users. <i>Translational Psychiatry</i> , 2015, 5, e582-e582.	4.8	15
444	Neural correlates of three types of negative life events during angry face processing in adolescents. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1961-1969.	3.0	15
445	Perseveration in a spatial-discrimination serial reversal learning task is differentially affected by MAO-A and MAO-B inhibition and associated with reduced anxiety and peripheral serotonin levels. <i>Psychopharmacology</i> , 2017, 234, 1557-1571.	3.1	15
446	Acute anxiety and autonomic arousal induced by CO2 inhalation impairs prefrontal executive functions in healthy humans. <i>Translational Psychiatry</i> , 2019, 9, 296.	4.8	15
447	Neural network involving medial orbitofrontal cortex and dorsal periaqueductal gray regulation in human alcohol abuse. <i>Science Advances</i> , 2021, 7, .	10.3	15
448	The cerebral metabolic effects of manipulating glutamatergic systems within the basal forebrain in conscious rats. <i>European Journal of Neuroscience</i> , 1998, 10, 649-663.	2.6	14
449	Basal forebrain cholinergic lesions enhance conditioned approach responses to stimuli predictive of food.. <i>Behavioral Neuroscience</i> , 1998, 112, 611-629.	1.2	14
450	Waiting Impulsivity: The Influence of Acute Methylphenidate and Feedback. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv074.	2.1	14

#	ARTICLE	IF	CITATIONS
451	COVID-19 induced social isolation; implications for understanding social cognition in mental health. <i>Psychological Medicine</i> , 2022, 52, 3748-3749.	4.5	14
452	Effects of lesions of the nucleus basalis magnocellularis on the acquisition of cocaine self-administration in rats. <i>European Journal of Neuroscience</i> , 1998, 10, 1946-1955.	2.6	13
453	Selective cholinergic denervation of the cingulate cortex impairs the acquisition and performance of a conditional visual discrimination in rats. <i>European Journal of Neuroscience</i> , 2004, 19, 490-496.	2.6	13
454	Impulsive prepotent actions and tics in Tourette disorder underpinned by a common neural network. <i>Molecular Psychiatry</i> , 2020, 26, 3548-3557.	7.9	13
455	Neuropsychiatric applications of CANTAB. <i>International Journal of Geriatric Psychiatry</i> , 1996, 11, 329-336.	2.7	13
456	Association of Environmental Uncertainty With Altered Decision-making and Learning Mechanisms in Youths With Obsessive-Compulsive Disorder. <i>JAMA Network Open</i> , 2021, 4, e2136195.	5.9	13
457	Choosing Delayed Rewards. , 2003, , 183-218.		12
458	Introduction. The neurobiology of drug addiction: new vistas. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 3109-3111.	4.0	12
459	Fronto-striatal gray matter contributions to discrimination learning in Parkinson's disease. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 180.	2.1	12
460	Obsessive-Compulsive disorder patients have a reduced sense of control on the illusion of control task. <i>Frontiers in Psychology</i> , 2014, 5, 204.	2.1	12
461	Moral Emotions and Social Economic Games in Paranoia. <i>Frontiers in Psychiatry</i> , 2018, 9, 615.	2.6	12
462	Illuminating anhedonia. <i>Science</i> , 2016, 351, 24-25.	12.6	11
463	Free operant observing in humans: a translational approach to compulsive certainty seeking. <i>Quarterly Journal of Experimental Psychology</i> , 2018, 71, 2052-2069.	1.1	11
464	Naltrexone differentially modulates the neural correlates of motor impulse control in abstinent alcohol-dependent and polysubstance-dependent individuals. <i>European Journal of Neuroscience</i> , 2019, 50, 2311-2321.	2.6	11
465	Impaired Learning From Negative Feedback in Stimulant Use Disorder: Dopaminergic Modulation. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 867-878.	2.1	11
466	Quantification of receptor-ligand binding potential in sub-striatal domains using probabilistic and template regions of interest. <i>NeuroImage</i> , 2011, 55, 101-112.	4.2	10
467	Specific effect of a dopamine partial agonist on counterfactual learning: evidence from Gilles de la Tourette syndrome. <i>Scientific Reports</i> , 2017, 7, 6292.	3.3	10
468	Atomoxetine and citalopram alter brain network organization in Parkinson's disease. <i>Brain Communications</i> , 2019, 1, fcz013.	3.3	10

#	ARTICLE	IF	CITATIONS
469	Inhibition-Related Cortical Hypoconnectivity as a Candidate Vulnerability Marker for Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 222-230.	1.5	10
470	Obsessive-compulsive disorder contamination fears, features, and treatment: novel smartphone therapies in light of global mental health and pandemics (COVID-19). <i>CNS Spectrums</i> , 2022, 27, 136-144.	1.2	10
471	Disturbances across whole brain networks during reward anticipation in an abstinent addiction population. <i>NeuroImage: Clinical</i> , 2020, 27, 102297.	2.7	10
472	Personality, Attentional Biases towards Emotional Faces and Symptoms of Mental Disorders in an Adolescent Sample. <i>PLoS ONE</i> , 2015, 10, e0128271.	2.5	10
473	Computer Methods of Assessment of Cognitive Function. , 0, , 147-151.		9
474	GABRB1 Single Nucleotide Polymorphism Associated with Altered Brain Responses (but not) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 T in Behavioral Neuroscience, 2017, 11, 24.	2.0	9
475	Cortical and Striatal Reward Processing in Parkinson's Disease Psychosis. <i>Frontiers in Neurology</i> , 2017, 8, 156.	2.4	9
476	Individual differences in stop-related activity are inflated by the adaptive algorithm in the stop signal task. <i>Human Brain Mapping</i> , 2018, 39, 3263-3276.	3.6	9
477	Selective impairments in self-ordered working memory in a patient with a unilateral striatal lesion. <i>Neurocase</i> , 1995, 1, 217-230.	0.6	8
478	The rodent prefrontal cortex. <i>Behavioural Brain Research</i> , 2003, 146, 1-2.	2.2	8
479	Animal models of neuropsychiatry revisited: A personal tribute to Teitelbaum. <i>Behavioural Brain Research</i> , 2012, 231, 337-342.	2.2	8
480	Role of the medial prefrontal cortex and nucleus accumbens in an operant model of checking behaviour and uncertainty. <i>Brain and Neuroscience Advances</i> , 2017, 1, 239821281773340.	3.4	8
481	Diminished Myoinositol in Ventromedial Prefrontal Cortex Modulates the Endophenotype of Impulsivity. <i>Cerebral Cortex</i> , 2020, 30, 3392-3402.	2.9	8
482	Impulsivity is a heritable trait in rodents and associated with a novel quantitative trait locus on chromosome 1. <i>Scientific Reports</i> , 2020, 10, 6684.	3.3	8
483	Altered subcortical emotional salience processing differentiates Parkinson's patients with and without psychotic symptoms. <i>NeuroImage: Clinical</i> , 2020, 27, 102277.	2.7	8
484	Probabilistic reversal learning under acute tryptophan depletion in healthy humans: a conventional analysis. <i>Journal of Psychopharmacology</i> , 2020, 34, 580-583.	4.0	8
485	A New Remote Guided Method for Supervised Web-Based Cognitive Testing to Ensure High-Quality Data: Development and Usability Study. <i>Journal of Medical Internet Research</i> , 2022, 24, e28368.	4.3	8
486	Effect of Tryptophan Depletion on Conditioned Threat Memory Expression: Role of Intolerance of Uncertainty. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 590-598.	1.5	8



#	ARTICLE	IF	CITATIONS
487	Flexible versus Fixed Spatial Self-Ordered Response Sequencing: Effects of Inactivation and Neurochemical Modulation of Ventrolateral Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2021, 41, 7246-7258.	3.6	8
488	Modelling psychosis. <i>Psychopharmacology</i> , 2009, 206, 513-514.	3.1	7
489	Impulsivity is predicted by the thinness of the insular cortex in rats. <i>Molecular Psychiatry</i> , 2016, 21, 445-445.	7.9	7
490	Animal Models of Hallucinations Observed Through the Modern Lens. <i>Schizophrenia Bulletin</i> , 2017, 43, 24-26.	4.3	7
491	Bidirectional variation in glutamate efflux in the medial prefrontal cortex induced by selective positive and negative allosteric mGluR5 modulators. <i>Journal of Neurochemistry</i> , 2018, 145, 111-124.	3.9	7
492	Adaptive aspects of impulsivity and interactions with effects of catecholaminergic agents in the 5-choice serial reaction time task: implications for ADHD. <i>Psychopharmacology</i> , 2021, 238, 2601-2615.	3.1	7
493	Glutamatergic and serotonergic modulation of rat medial and lateral orbitofrontal cortex in visual serial reversal learning.. <i>Psychology and Neuroscience</i> , 2020, 13, 438-458.	0.8	7
494	Cognitive Rigidity, Habitual Tendencies, and Obsessive-Compulsive Symptoms: Individual Differences and Compensatory Interactions. <i>Frontiers in Psychiatry</i> , 2022, 13, 865896.	2.6	7
495	What is next for the neurobiology of temperament, personality and psychopathology?. <i>Current Opinion in Behavioral Sciences</i> , 2022, 45, 101143.	3.9	7
496	Uncovering the genetic underpinnings of cognition. <i>Trends in Cognitive Sciences</i> , 2011, 15, 375-377.	7.8	6
497	Special issue on consolidation, reconsolidation and extinction. <i>Psychopharmacology</i> , 2013, 226, 627-629.	3.1	6
498	Reply to: Systematic Overestimation of Reflection Impulsivity in the Information Sampling Task. <i>Biological Psychiatry</i> , 2017, 82, e31.	1.3	6
499	Symptom-Based Profiling and Multimodal Neuroimaging of a Large Preteenage Population Identifies Distinct Obsessive-Compulsive Disorder-like Subtypes With Neurocognitive Differences. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, , .	1.5	6
500	The Habitual Tendencies Questionnaire: A tool for psychometric individual differences research. <i>Personality and Mental Health</i> , 2021, , .	1.2	6
501	Prefrontal Cortex Activation and Stopping Performance Underlie the Beneficial Effects of Atomoxetine on Response Inhibition in Healthy Volunteers and Those With Cocaine Use Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 1116-1126.	1.5	6
502	Dopamine, Cognitive Flexibility, and IQ: Epistatic Catechol-O-MethylTransferase:DRD2 Gene-Gene Interactions Modulate Mental Rigidity. <i>Journal of Cognitive Neuroscience</i> , 2021, 34, 153-179.	2.3	6
503	Brain Signatures During Reward Anticipation Predict Persistent Attention-Deficit/Hyperactivity Disorder Symptoms. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 1050-1061.	0.5	6
504	Counteractive effects of antenatal glucocorticoid treatment on D1 receptor modulation of spatial working memory. <i>Psychopharmacology</i> , 2016, 233, 3751-3761.	3.1	5



#	ARTICLE	IF	CITATIONS
505	Oxygen responses within the nucleus accumbens are associated with individual differences in effort exertion in rats. <i>European Journal of Neuroscience</i> , 2018, 48, 2971-2987.	2.6	5
506	A cross sectional study of impact and clinical risk factors of antipsychotic-induced OCD. <i>European Neuropsychopharmacology</i> , 2019, 29, 905-913.	0.7	5
507	Commentary on Bechara et al.'s "A Neurobehavioral Approach to Addiction: Implications for the Opioid Epidemic and the Psychology of Addiction". <i>Psychological Science in the Public Interest: A Journal of the American Psychological Society</i> , 2019, 20, 91-95.	10.7	5
508	Dissociable dopaminergic and pavlovian influences in goal-trackers and sign-trackers on a model of compulsive checking in OCD. <i>Psychopharmacology</i> , 2020, 237, 3569-3581.	3.1	5
509	Association between childhood trauma and risk for obesity: a putative neurocognitive developmental pathway. <i>BMC Medicine</i> , 2020, 18, 278.	5.5	5
510	The effects of acute serotonin challenge on executive planning in patients with obsessive-compulsive disorder (OCD), their first-degree relatives, and healthy controls. <i>Psychopharmacology</i> , 2020, 237, 3117-3123.	3.1	5
511	Checking responses of goal- and sign-trackers are differentially affected by threat in a rodent analog of obsessive-compulsive disorder. <i>Learning and Memory</i> , 2020, 27, 190-200.	1.3	5
512	Set-shifting-related basal ganglia deformation as a novel familial marker of obsessive-compulsive disorder. <i>British Journal of Psychiatry</i> , 2021, , 1-4.	2.8	5
513	Neurobehavioural changes in a patient with bilateral lesions of the globus pallidus. <i>Behavioural Neurology</i> , 1993, 6, 229-37.	2.1	5
514	Dissociating reward sensitivity and negative urgency effects on impulsivity in the five-choice serial reaction time task. <i>Brain and Neuroscience Advances</i> , 2022, 6, 239821282211022.	3.4	5
515	Reply to Harris and Chan: Moral judgment is more than rational deliberation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, E184-E184.	7.1	4
516	Avoidance Behavior: A Free-Operant Lever-Press Avoidance Task for the Assessment of the Effects of Safety Signals. <i>Current Protocols in Neuroscience</i> , 2015, 70, 8.32.1-8.32.12.	2.6	4
517	A Mobile Phone App for the Generation and Characterization of Motor Habits. <i>Frontiers in Psychology</i> , 2020, 10, 2850.	2.1	4
518	"Hot" and "Cold" Cognition in Users of Club Drugs/Novel Psychoactive Substances. <i>Frontiers in Psychiatry</i> , 2021, 12, 660575.	2.6	4
519	Maternal deprivation of neonatal rats produces enduring changes in dopamine function. <i>Synapse</i> , 1999, 32, 37-43.	1.2	4
520	Clozapine-related obsessive-compulsive symptoms and their impact on wellbeing: a naturalistic longitudinal study. <i>Psychological Medicine</i> , 2023, 53, 2936-2945.	4.5	4
521	Feasibility and acceptability of transcranial stimulation in obsessive-compulsive symptoms (FEATSOCS): study protocol for a randomised controlled trial of transcranial direct current stimulation (tDCS) in obsessive-compulsive disorder (OCD). <i>Pilot and Feasibility Studies</i> , 2021, 7, 213.	1.2	4
522	The neural substrates of anxiety. , 2003, , 308-337.		3

#	ARTICLE	IF	CITATIONS
523	Editorial: Reporting guidelines for psychopharmacology. Psychopharmacology, 2016, 233, 1131-1134.	3.1	3
524	16â€...A randomised controlled trial of deep brain stimulation in obsessive compulsive disorder: a comparison of ventral capsule/ventral striatum and subthalamic nucleus targets. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, A8.2-A9.	1.9	3
525	Dissociable contributions of mediodorsal and anterior thalamic nuclei in visual attentional performance: A comparison using nicotinic and muscarinic cholinergic receptor antagonists. Journal of Psychopharmacology, 2020, 34, 1371-1381.	4.0	3
526	Heritability of Memory Functions and Related Brain Volumes: A Schizophrenia Spectrum Study of 214 Twins. Schizophrenia Bulletin Open, 2020, 1, .	1.7	3
527	A Randomized Trial Directly Comparing Ventral Capsule and Anteromedial Subthalamic Nucleus Stimulation in Obsessive-Compulsive Disorder: Clinical and Imaging Evidence for Dissociable Effects. Focus (American Psychiatric Publishing), 2022, 20, 160-169.	0.8	3
528	Atypical action updating in a dynamic environment associated with adolescent obsessiveâ€“compulsive disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2022, , .	5.2	3
529	Neural substrates of neglect: Speculations and animal models. Neuropsychological Rehabilitation, 1994, 4, 189-191.	1.6	2
530	Chronic alcohol exposure differentially modulates structural and functional properties of amygdala: A crossâ€“sectional study. Addiction Biology, 2021, 26, e12980.	2.6	2
531	Maternal deprivation of neonatal rats produces enduring changes in dopamine function. , 1999, 32, 37.		2
532	Neuropsychiatric applications of CANTAB. , 1996, 11, 329.		2
533	Modeling Psychiatric Disorders in Experimental Animals. , 0, , 275-288.		2
534	The sooner the better: clinical and neural correlates of impulsive choice in Tourette disorder. Translational Psychiatry, 2021, 11, 560.	4.8	2
535	Cortical dopamine reduces the impact of motivational biases governing automated behaviour. Neuropsychopharmacology, 2022, 47, 1503-1512.	5.4	2
536	Harnessing temperament to elucidate the complexities of serotonin function. Current Opinion in Behavioral Sciences, 2022, 45, 101108.	3.9	2
537	Diencephalic Noradrenaline Depletion Impairs the Corticosterone Response to Footshock but does not Affect Conditioned Fear. Journal of Neuroendocrinology, 1992, 4, 773-779.	2.6	1
538	Brain-Derived Neurotrophic Factor and the Orbitofrontal Regulation of Behavior. Biological Psychiatry, 2017, 81, 282-284.	1.3	1
539	In Memory of Athina Markou (1961-2016): Obituary. Psychopharmacology, 2017, 234, 1309-1310.	3.1	1
540	Reply: Brain oscillations, inhibition and social inappropriateness in frontotemporal degeneration. Brain, 2018, 141, e74-e74.	7.6	1

#	ARTICLE	IF	CITATIONS
541	O4.6. HERITABILITY OF SPECIFIC COGNITIVE FUNCTIONS AND ASSOCIATIONS WITH SCHIZOPHRENIA SPECTRUM DISORDERS USING CANTAB: A NATION-WIDE TWIN STUDY. Schizophrenia Bulletin, 2019, 45, S171-S171.	4.3	1
542	Leslie L. Iversen, Ph.D., (1937–2020). Neuropsychopharmacology, 2020, 45, 2132-2132.	5.4	1
543	The role of central serotonin in impulsivity, compulsivity, and decision-making: comparative studies in experimental animals and humans. Handbook of Behavioral Neuroscience, 2020, 31, 531-548.	0.7	1
544	Neurocognition in stimulant addiction: commentary on Kendrick et al (2021). Psychoradiology, 2021, 1, 88-90.	2.3	1
545	The prefrontal cortex. Neuropsychopharmacology, 2022, 47, 1-2.	5.4	1
546	Selective Impairments in Self-ordered Working Memory in a Patient with a Unilateral Striatal Lesion. Neurocase, 1995, 1, 217-230.	0.6	1
547	OUP accepted manuscript. Brain, 2022, 145, 814-815.	7.6	1
548	Threat reversal learning and avoidance habits in generalised anxiety disorder. Translational Psychiatry, 2022, 12, .	4.8	1
549	A Primate Model of Cognitive Dysfunction in Parkinson's Disease. Clinical Science, 1995, 89, 48P-49P.	0.0	0
550	Notice of Special Issue of Psychopharmacology: "Drugs and impulsivity: current theories, methods and results". Psychopharmacology, 1998, 140, 249-249.	3.1	0
551	The two revolutions. Nature Neuroscience, 2000, 3, 1239-1239.	14.8	0
552	EXHIBITIONS--ART AND INFORMATION:A Map of Babel. Science, 2000, 288, 446-447.	12.6	0
553	Therapeutic value of Ginkgo in reducing symptoms of decline in mental function. Journal of Pharmacy and Pharmacology, 2011, 50, 19-19.	2.4	0
554	NEURAL CORRELATES OF WAITING IMPULSIVITY: A DIMENSIONAL APPROACH TO ALCOHOL MISUSE. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, e3.52-e3.	1.9	0
555	S24-2THE ICCAM PLATFORM: TO INVESTIGATE THE NEUROPHARMACOLOGY OF BRAIN PROCESSES RELEVANT TO ADDICTION. Alcohol and Alcoholism, 2017, 52, i4-i30.	1.6	0
556	Psychopharmacology in its 60th year. Psychopharmacology, 2019, 236, 3383-3384.	3.1	0
557	F59...Huntington's disease young adult study (HD-YAS). , 2018, , .		0
558	Subjective drug effects in context Commentary on Preston and Bigelow "Subjective and discriminative effects of drugs". Behavioural Pharmacology, 1991, 2, 315-317.	1.7	0

#	ARTICLE	IF	CITATIONS
559	Bobby Fischer and the delusions of a king of logic. Brain, 2022, , .	7.6	0