Trevor Robbins

List of Publications by Year
in descending order

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559 papers	96,373 citations	106 164 h-index	300 291 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. Nature Neuroscience, 2005, 8, 1481-1489.	7.1	3,606
2	Inhibition and the right inferior frontal cortex. Trends in Cognitive Sciences, 2004, 8, 170-177.	4.0	2,628
3	Inhibition and the right inferior frontal cortex: one decade on. Trends in Cognitive Sciences, 2014, 18, 177-185.	4.0	1,557
4	Stop-signal inhibition disrupted by damage to right inferior frontal gyrus in humans. Nature Neuroscience, 2003, 6, 115-116.	7.1	1,546
5	Inhibition and impulsivity: Behavioral and neural basis of response control. Progress in Neurobiology, 2013, 108, 44-79.	2.8	1,505
6	Dissociation in prefrontal cortex of affective and attentional shifts. Nature, 1996, 380, 69-72.	13.7	1,447
7	CENTRAL CHOLINERGIC SYSTEMS AND COGNITION. Annual Review of Psychology, 1997, 48, 649-684.	9.9	1,360
8	Impulsivity, Compulsivity, and Top-Down Cognitive Control. Neuron, 2011, 69, 680-694.	3.8	1,348
9	The 5-choice serial reaction time task: behavioural pharmacology and functional neurochemistry. Psychopharmacology, 2002, 163, 362-380.	1.5	1,155
10	Prefrontal executive and cognitive functions in rodents: neural and neurochemical substrates. Neuroscience and Biobehavioral Reviews, 2004, 28, 771-784.	2.9	1,153
11	Planning and spatial working memory following frontal lobe lesions in man. Neuropsychologia, 1990, 28, 1021-1034.	0.7	1,150
12	Neurobehavioural mechanisms of reward and motivation. Current Opinion in Neurobiology, 1996, 6, 228-236.	2.0	1,098
13	Nucleus Accumbens D2/3 Receptors Predict Trait Impulsivity and Cocaine Reinforcement. Science, 2007, 315, 1267-1270.	6.0	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. Neuropsychopharmacology, 1999, 20, 322-339.	2.8	946
15	High Impulsivity Predicts the Switch to Compulsive Cocaine-Taking. Science, 2008, 320, 1352-1355.	6.0	918
16	Drug Addiction: Updating Actions to Habits to Compulsions Ten Years On. Annual Review of Psychology, 2016, 67, 23-50.	9.9	861
17	Neurocognitive endophenotypes of impulsivity and compulsivity: towards dimensional psychiatry. Trends in Cognitive Sciences, 2012, 16, 81-91.	4.0	829
18	Neural mechanisms underlying the vulnerability to develop compulsive drug-seeking habits and addiction. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 3125-3135.	1.8	823

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19	The Neuropsychopharmacology of Fronto-Executive Function: Monoaminergic Modulation. Annual Review of Neuroscience, 2009, 32, 267-287.	5.0	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.	1.6	795
21	The neuropsychological basis of addictive behaviour. Brain Research Reviews, 2001, 36, 129-138.	9.1	794
22	Impulsive Choice Induced in Rats by Lesions of the Nucleus Accumbens Core. Science, 2001, 292, 2499-2501.	6.0	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.	2.9	759
24	Neuropsychological and clinical heterogeneity of cognitive impairment and dementia in patients with Parkinson's disease. Lancet Neurology, The, 2010, 9, 1200-1213.	4.9	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.	2.9	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.	1.2	694
27	Associative Processes in Addiction and Reward The Role of Amygdala-Ventral Striatal Subsystems. Annals of the New York Academy of Sciences, 1999, 877, 412-438.	1.8	674
28	Involvement of the amygdala in stimulus-reward associations: Interaction with the ventral striatum. Neuroscience, 1989, 30, 77-86.	1.1	640
29	Defining the Neural Mechanisms of Probabilistic Reversal Learning Using Event-Related Functional Magnetic Resonance Imaging. Journal of Neuroscience, 2002, 22, 4563-4567.	1.7	631
30	Different types of fear-conditioned behaviour mediated by separate nuclei within amygdala. Nature, 1997, 388, 377-380.	13.7	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.	0.7	609
32	Emotional bias and inhibitory control processes in mania and depression. Psychological Medicine, 1999, 29, 1307-1321.	2.7	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.	2.9	585
34	Cognitive Inflexibility After Prefrontal Serotonin Depletion. Science, 2004, 304, 878-880.	6.0	561
35	Drug addiction: bad habits add up. Nature, 1999, 398, 567-570.	13.7	546
36	Serotoninergic regulation of emotional and behavioural control processes. Trends in Cognitive Sciences, 2008, 12, 31-40.	4.0	544

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37	The IMAGEN study: reinforcement-related behaviour in normal brain function and psychopathology. Molecular Psychiatry, 2010, 15, 1128-1139.	4.1	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. Journal of Neuroscience, 2003, 23, 8771-8780.	1.7	534
39	Correlated gene expression supports synchronous activity in brain networks. Science, 2015, 348, 1241-1244.	6.0	532
40	Disorders of compulsivity: a common bias towards learning habits. Molecular Psychiatry, 2015, 20, 345-352.	4.1	523
41	Neurochemical Modulation of Response Inhibition and Probabilistic Learning in Humans. Science, 2006, 311, 861-863.	6.0	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. Journal of the International Neuropsychological Society, 1998, 4, 474-90.	1.2	503
43	Impaired extra-dimensional shift performance in medicated and unmedicated Parkinson's disease: Evidence for a specific attentional dysfunction. Neuropsychologia, 1989, 27, 1329-1343.	0.7	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 byd-Amphetamine. Journal of Neuroscience, 1999, 19, 2401-2411.	1.7	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 â€œOn-Lineâ€•Processing. Journal of Neuroscience, 1997, 17, 9285-9297.	1.7	490
46	Abnormal Brain Structure Implicated in Stimulant Drug Addiction. Science, 2012, 335, 601-604.	6.0	484
47	A consensus guide to capturing the ability to inhibit actions and impulsive behaviors in the stop-signal task. ELife, 2019, 8, .	2.8	479
48	Orbitofrontal Dysfunction in Patients with Obsessive-Compulsive Disorder and Their Unaffected Relatives. Science, 2008, 321, 421-422.	6.0	477
49	Parallel and interactive learning processes within the basal ganglia: Relevance for the understanding of addiction. Behavioural Brain Research, 2009, 199, 89-102.	1.2	475
50	Disruption in the Balance Between Goal-Directed Behavior and Habit Learning in Obsessive-Compulsive Disorder. American Journal of Psychiatry, 2011, 168, 718-726.	4.0	469
51	The Roles of Dopamine and Noradrenaline in the Pathophysiology and Treatment of Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2011, 69, e145-e157.	0.7	462
52	The Cerebral Cortex of the Rat and Visual Attentional Function: Dissociable Effects of Mediofrontal, Cingulate, Anterior Dorsolateral, and Parietal Cortex Lesions on a Five-Choice Serial Reaction Time Task. Cerebral Cortex, 1996, 6, 470-481.	1.6	460
53	l-Dopa medication remediates cognitive inflexibility, but increases impulsivity in patients with Parkinsonâ€™s disease. Neuropsychologia, 2003, 41, 1431-1441.	0.7	457
54	Drug Addiction and the Memory Systems of the Brain. Annals of the New York Academy of Sciences, 2008, 1141, 1-21.	1.8	454

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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.	1.2	449
56	Probabilistic learning and reversal deficits in patients with Parkinsonâ€™s disease or frontal or temporal lobe lesions: possible adverse effects of dopaminergic medication. Neuropsychologia, 2000, 38, 596-612.	0.7	444
57	Substantia nigra/ventral tegmental reward prediction error disruption in psychosis. Molecular Psychiatry, 2008, 13, 267-276.	4.1	442
58	Fractionating impulsivity: neuropsychiatric implications. Nature Reviews Neuroscience, 2017, 18, 158-171.	4.9	438
59	Dissociating executive functions of the prefrontal cortex. Philosophical Transactions of the Royal Society B: Biological Sciences, 1996, 351, 1463-1471.	1.8	435
60	Functions of frontostriatal systems in cognition: Comparative neuropsychopharmacological studies in rats, monkeys and humans. Biological Psychology, 2006, 73, 19-38.	1.1	429
61	Differential control over cocaine-seeking behavior by nucleus accumbens core and shell. Nature Neuroscience, 2004, 7, 389-397.	7.1	427
62	The neuropsychopharmacology of action inhibition: cross-species translation of the stop-signal and go/no-go tasks. Psychopharmacology, 2008, 199, 439-456.	1.5	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.	5.5	411
64	Enhanced behavioural control by conditioned reinforcers following microinjections of d-amphetamine into the nucleus accumbens. Psychopharmacology, 1984, 84, 405-412.	1.5	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.	1.1	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.	3.3	404
67	New developments in human neurocognition: clinical, genetic, and brain imaging correlates of impulsivity and compulsivity. CNS Spectrums, 2014, 19, 69-89.	0.7	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.	1.7	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.	1.7	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.	1.8	370
71	Disrupted prediction-error signal in psychosis: evidence for an associative account of delusions. Brain, 2007, 130, 2387-2400.	3.7	368
72	Adolescent impulsivity phenotypes characterized by distinct brain networks. Nature Neuroscience, 2012, 15, 920-925.	7.1	368

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73	Neuropsychosocial profiles of current and future adolescent alcohol misusers. Nature, 2014, 512, 185-189.	13.7	368
74	Specific cognitive deficits in mild frontal variant frontotemporal dementia. Brain, 1999, 122, 1469-1493.	3.7	365
75	Executive and mnemonic functions in early Huntington's disease. Brain, 1996, 119, 1633-1645.	3.7	359
76	Impaired Cognitive Flexibility and Motor Inhibition in Unaffected First-Degree Relatives of Patients With Obsessive-Compulsive Disorder. American Journal of Psychiatry, 2007, 164, 335-338.	4.0	353
77	Drug Addiction Endophenotypes: Impulsive Versus Sensation-Seeking Personality Traits. Biological Psychiatry, 2010, 68, 770-773.	0.7	352
78	Limbic-Striatal Memory Systems and Drug Addiction. Neurobiology of Learning and Memory, 2002, 78, 625-636.	1.0	349
79	Serotonin Modulates Behavioral Reactions to Unfairness. Science, 2008, 320, 1739-1739.	6.0	346
80	Mechanisms of cognitive set flexibility in Parkinson's disease. Brain, 2001, 124, 2503-2512.	3.7	344
81	Stop-Signal Reaction-Time Task Performance: Role of Prefrontal Cortex and Subthalamic Nucleus. Cerebral Cortex, 2008, 18, 178-188.	1.6	344
82	Evidence for specific cognitive deficits in preclinical Huntington's disease. Brain, 1998, 121, 1329-1341.	3.7	341
83	Abnormal structure of frontostriatal brain systems is associated with aspects of impulsivity and compulsivity in cocaine dependence. Brain, 2011, 134, 2013-2024.	3.7	338
84	The role of prefrontal cortex in cognitive control and executive function. Neuropsychopharmacology, 2022, 47, 72-89.	2.8	336
85	Fractionating Impulsivity: Contrasting Effects of Central 5-HT Depletion on Different Measures of Impulsive Behavior. Neuropsychopharmacology, 2004, 29, 1331-1343.	2.8	334
86	Learning and cognitive flexibility: frontostriatal function and monoaminergic modulation. Current Opinion in Neurobiology, 2010, 20, 199-204.	2.0	328
87	A componential analysis of taskâ€switching deficits associated with lesions of left and right frontal cortex. Brain, 2004, 127, 1561-1573.	3.7	324
88	Obsessive-Compulsive Disorder: Puzzles and Prospects. Neuron, 2019, 102, 27-47.	3.8	324
89	Similar Effects of the Selective Noradrenaline Reuptake Inhibitor Atomoxetine on Three Distinct Forms of Impulsivity in the Rat. Neuropsychopharmacology, 2008, 33, 1028-1037.	2.8	318
90	Prefrontal Serotonin Depletion Affects Reversal Learning But Not Attentional Set Shifting. Journal of Neuroscience, 2005, 25, 532-538.	1.7	314

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91	Personality, Addiction, Dopamine: Insights from Parkinson's Disease. Neuron, 2009, 61, 502-510.	3.8	313
92	Cognitive Inflexibility after Prefrontal Serotonin Depletion Is Behaviorally and Neurochemically Specific. Cerebral Cortex, 2006, 17, 18-27.	1.6	307
93	The Case for Frontostriatal Dysfunction in Schizophrenia. Schizophrenia Bulletin, 1990, 16, 391-402.	2.3	303
94	Investigating the neurocognitive deficits associated with chronic drug misuse. Current Opinion in Neurobiology, 2001, 11, 250-257.	2.0	297
95	5-HT2A and 5-HT2C receptor antagonists have opposing effects on a measure of impulsivity: interactions with global 5-HT depletion. Psychopharmacology, 2004, 176, 376-385.	1.5	292
96	Tryptophan depletion in normal volunteers produces selective impairments in learning and memory. Neuropharmacology, 1994, 33, 575-588.	2.0	291
97	Enhanced Avoidance Habits in Obsessive-Compulsive Disorder. Biological Psychiatry, 2014, 75, 631-638.	0.7	290
98	The effects of d -amphetamine, chlordiazepoxide, Î±-flupenthixol and behavioural manipulations on choice of signalled and unsignalled delayed reinforcement in rats. Psychopharmacology, 2000, 152, 362-375.	1.5	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. Psychopharmacology, 1986, 90, 390-7.	1.5	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 ofd-amphetamine. Behavioural Brain Research, 1993, 55, 167-183.	1.2	284
101	Appetitive Behavior. Annals of the New York Academy of Sciences, 2003, 985, 233-250.	1.8	282
102	Second-order schedules of drug reinforcement in rats and monkeys: measurement of reinforcing efficacy and drug-seeking behaviour. Psychopharmacology, 2000, 153, 17-30.	1.5	280
103	Excitotoxic lesions of the basolateral amygdala impair the acquisition of cocaine-seeking behaviour under a second-order schedule of reinforcement. Psychopharmacology, 1996, 127, 213-224.	1.5	275
104	Atomoxetine Modulates Right Inferior Frontal Activation During Inhibitory Control: A Pharmacological Functional Magnetic Resonance Imaging Study. Biological Psychiatry, 2009, 65, 550-555.	0.7	274
105	Modafinil improves cognition and response inhibition in adult attention-deficit/hyperactivity disorder. Biological Psychiatry, 2004, 55, 1031-1040.	0.7	269
106	Effects of orbitofrontal, infralimbic and prelimbic cortical lesions on serial spatial reversal learning in the rat. Behavioural Brain Research, 2007, 179, 219-228.	1.2	269
107	Serotonin Modulates Sensitivity to Reward and Negative Feedback in a Probabilistic Reversal Learning Task in Rats. Neuropsychopharmacology, 2010, 35, 1290-1301.	2.8	269
108	Disconnection of the anterior cingulate cortex and nucleus accumbens core impairs Pavlovian approach behavior: Further evidence for limbic corticalâ€“ventral striatopallidal systems.. Behavioral Neuroscience, 2000, 114, 42-63.	0.6	265

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109	Neuropsychological impairment in patients with major depressive disorder: the effects of feedback on task performance. Psychological Medicine, 2003, 33, 455-467.	2.7	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.. Behavioral Neuroscience, 1997, 111, 920-936.	0.6	262
111	L-DOPA Disrupts Activity in the Nucleus Accumbens during Reversal Learning in Parkinson's Disease. Neuropsychopharmacology, 2007, 32, 180-189.	2.8	262
112	Atomoxetine Improved Response Inhibition in Adults with Attention Deficit/Hyperactivity Disorder. Biological Psychiatry, 2007, 62, 977-984.	0.7	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. Psychopharmacology, 1999, 146, 482-491.	1.5	259
114	Nucleus accumbens dopamine depletion impairs both acquisition and performance of appetitive Pavlovian approach behaviour: implications for mesoaccumbens dopamine function. Behavioural Brain Research, 2002, 137, 149-163.	1.2	258
115	Reconciling the Role of Serotonin in Behavioral Inhibition and Aversion: Acute Tryptophan Depletion Abolishes Punishment-Induced Inhibition in Humans. Journal of Neuroscience, 2009, 29, 11993-11999.	1.7	257
116	The transition to compulsion in addiction. Nature Reviews Neuroscience, 2020, 21, 247-263.	4.9	256
117	Modafinil Improves Cognition and Attentional Set Shifting in Patients with Chronic Schizophrenia. Neuropsychopharmacology, 2004, 29, 1363-1373.	2.8	254
118	Social Isolation in the Rat Produces Developmentally Specific Deficits in Prepulse Inhibition of the Acoustic Startle Response Without Disrupting Latent Inhibition. Neuropsychopharmacology, 1994, 10, 61-72.	2.8	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. Molecular Psychiatry, 2007, 12, 502-509.	4.1	253
120	Redefining the functional organization of working memory processes within human lateral prefrontal cortex. European Journal of Neuroscience, 1999, 11, 567-574.	1.2	252
121	Chemistry of the mind: Neurochemical modulation of prefrontal cortical function. Journal of Comparative Neurology, 2005, 493, 140-146.	0.9	252
122	Behavioral and neuroimaging evidence for overreliance on habit learning in alcohol-dependent patients. Translational Psychiatry, 2013, 3, e337-e337.	2.4	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. Psychopharmacology, 1998, 140, 331-344.	1.5	250
124	Goal-directed learning and obsessiveâ€“compulsive disorder. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130475.	1.8	248
125	Dissociable roles of the central and basolateral amygdala in appetitive emotional learning. European Journal of Neuroscience, 2000, 12, 405-413.	1.2	247
126	Global 5-HT depletion attenuates the ability of amphetamine to decrease impulsive choice on a delay-discounting task in rats. Psychopharmacology, 2003, 170, 320-331.	1.5	245

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127	Differential Regulation of Fronto-Executive Function by the Monoamines and Acetylcholine. Cerebral Cortex, 2007, 17, i151-i160.	1.6	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.	0.9	241
129	Relationship between reward-enhancing and stereotypical effects of psychomotor stimulant drugs. Nature, 1976, 264, 57-59.	13.7	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.	1.6	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.	1.2	237
132	Deficits in Impulse Control Associated with Tonically-elevated Serotonergic Function in Rat Prefrontal Cortex. Neuropsychopharmacology, 2002, 26, 716-728.	2.8	237
133	A role for mesencephalic dopamine in activation: commentary on Berridge (2006). Psychopharmacology, 2007, 191, 433-437.	1.5	234
134	Neuorpsychiatyric applications of CANTAB. , 1996, 11, 329-336.		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.	1.2	233
136	Dissociating Inhibition, Attention, and Response Control in the Frontoparietal Network Using Functional Magnetic Resonance Imaging. Cerebral Cortex, 2011, 21, 1155-1165.	1.6	231
137	Chronic cocaine but not chronic amphetamine use is associated with perseverative responding in humans. Psychopharmacology, 2008, 197, 421-431.	1.5	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.	1.7	228
139	Limbic Corticostriatal Systems and Delayed Reinforcement. Annals of the New York Academy of Sciences, 2004, 1021, 33-50.	1.8	227
140	The effects of tryptophan depletion on cognitive and affective processing in healthy volunteers. Psychopharmacology, 2002, 163, 42-53.	1.5	219
141	The structure of psychopathology in adolescence and its common personality and cognitive correlates.. Journal of Abnormal Psychology, 2016, 125, 1039-1052.	2.0	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.	0.6	215
143	High Impulsivity Predicts Relapse to Cocaine-Seeking After Punishment-Induced Abstinence. Biological Psychiatry, 2009, 65, 851-856.	0.7	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.	0.7	214

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145	Improved short-term spatial memory but impaired reversal learning following the dopamine D2 agonist bromocriptine in human volunteers. Psychopharmacology, 2001, 159, 10-20.	1.5	213
146	Systemic sulpiride in young adult volunteers simulates the profile of cognitive deficits in Parkinson's disease. Psychopharmacology, 1999, 146, 162-174.	1.5	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. Psychopharmacology, 2003, 167, 304-314.	1.5	207
148	The role of habit in compulsivity. European Neuropsychopharmacology, 2016, 26, 828-840.	0.3	206
149	Functional Neuroimaging of Avoidance Habits in Obsessive-Compulsive Disorder. American Journal of Psychiatry, 2015, 172, 284-293.	4.0	204
150	Time-limited modulation of appetitive Pavlovian memory by D1 and NMDA receptors in the nucleus accumbens. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6189-6194.	3.3	200
151	Chemistry of the adaptive mind. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2004, 362, 2871-2888.	1.6	199
152	Potentiation of the effects of reward-related stimuli by dopaminergic-dependent mechanisms in the nucleus accumbens. Psychopharmacology, 1991, 104, 377-385.	1.5	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. Biological Psychiatry, 2009, 66, 586-593.	0.7	193
154	Cognitive deficits in Parkinson's disease: A cognitive neuroscience perspective. Movement Disorders, 2014, 29, 597-607.	2.2	192
155	Dissociable Effects of Selective 5-HT2A and 5-HT2C Receptor Antagonists on Serial Spatial Reversal Learning in Rats. Neuropsychopharmacology, 2008, 33, 2007-2019.	2.8	189
156	Carrots and sticks fail to change behavior in cocaine addiction. Science, 2016, 352, 1468-1471.	6.0	189
157	Serotonergic Modulation of Prefrontal Cortex during Negative Feedback in Probabilistic Reversal Learning. Neuropsychopharmacology, 2005, 30, 1138-1147.	2.8	188
158	Meta-analysis of structural brain abnormalities associated with stimulant drug dependence and neuroimaging of addiction vulnerability and resilience. Current Opinion in Neurobiology, 2013, 23, 615-624.	2.0	188
159	Dissociable Effects of Lesions to Orbitofrontal Cortex Subregions on Impulsive Choice in the Rat. Journal of Neuroscience, 2011, 31, 6398-6404.	1.7	187
160	Maternal deprivation of neonatal rats produces enduring changes in dopamine function. Synapse, 1999, 32, 37-43.	0.6	183
161	Compulsivity in obsessiveâ€“compulsive disorder and addictions. European Neuropsychopharmacology, 2016, 26, 856-868.	0.3	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.. Behavioral Neuroscience, 1997, 111, 908-919.	0.6	180

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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. Psychopharmacology, 1997, 134, 242-257.	1.5	177
164	Behavioral addictions. Current Opinion in Neurobiology, 2015, 30, 66-72.	2.0	176
165	The acquisition of responding with conditioned reinforcement: Effects of pipradrol, methylphenidate, d-amphetamine, and nomifensine. Psychopharmacology, 1978, 58, 79-87.	1.5	175
166	Comparison of executive and visuospatial memory function in Huntington's disease and dementia of Alzheimer type matched for degree of dementia.. Journal of Neurology, Neurosurgery and Psychiatry, 1995, 58, 598-606.	0.9	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.. Behavioral Neuroscience, 2002, 116, 553-567.	0.6	171
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