

David Belin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5928770/publications.pdf>

Version: 2024-02-01

72
papers

7,836
citations

101384

36
h-index

88477

70
g-index

88
all docs

88
docs citations

88
times ranked

6040
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for Addiction-like Behavior in the Rat. <i>Science</i> , 2004, 305, 1014-1017.	6.0	1,005
2	High Impulsivity Predicts the Switch to Compulsive Cocaine-Taking. <i>Science</i> , 2008, 320, 1352-1355.	6.0	918
3	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.	1.8	823
4	Cocaine Seeking Habits Depend upon Dopamine-Dependent Serial Connectivity Linking the Ventral with the Dorsal Striatum. <i>Neuron</i> , 2008, 57, 432-441.	3.8	685
5	Parallel and interactive learning processes within the basal ganglia: Relevance for the understanding of addiction. <i>Behavioural Brain Research</i> , 2009, 199, 89-102.	1.2	475
6	Opiate versus psychostimulant addiction: the differences do matter. <i>Nature Reviews Neuroscience</i> , 2011, 12, 685-700.	4.9	412
7	Addiction: failure of control over maladaptive incentive habits. <i>Current Opinion in Neurobiology</i> , 2013, 23, 564-572.	2.0	241
8	High-Novelty-Preference Rats are Predisposed to Compulsive Cocaine Self-administration. <i>Neuropsychopharmacology</i> , 2011, 36, 569-579.	2.8	227
9	Enriched Environment Confers Resistance to 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine and Cocaine: Involvement of Dopamine Transporter and Trophic Factors. <i>Journal of Neuroscience</i> , 2003, 23, 10999-11007.	1.7	206
10	A transdiagnostic dimensional approach towards a neuropsychological assessment for addiction: an international Delphi consensus study. <i>Addiction</i> , 2019, 114, 1095-1109.	1.7	160
11	Pattern of Intake and Drug Craving Predict the Development of Cocaine Addiction-like Behavior in Rats. <i>Biological Psychiatry</i> , 2009, 65, 863-868.	0.7	145
12	Double Dissociation of the Dorsomedial and Dorsolateral Striatal Control Over the Acquisition and Performance of Cocaine Seeking. <i>Neuropsychopharmacology</i> , 2012, 37, 2456-2466.	2.8	129
13	In search of predictive endophenotypes in addiction: insights from preclinical research. <i>Genes, Brain and Behavior</i> , 2016, 15, 74-88.	1.1	121
14	Dissociable Control of Impulsivity in Rats by Dopamine D2/3 Receptors in the Core and Shell Subregions of the Nucleus Accumbens. <i>Neuropsychopharmacology</i> , 2010, 35, 560-569.	2.8	118
15	Responses to Novelty and Vulnerability to Cocaine Addiction: Contribution of a Multi-Symptomatic Animal Model. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a011940-a011940.	2.9	113
16	How Preclinical Models Evolved to Resemble the Diagnostic Criteria of Drug Addiction. <i>Biological Psychiatry</i> , 2016, 79, 39-46.	0.7	101
17	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.	1.5	97
18	Trait-like impulsivity does not predict escalation of heroin self-administration in the rat. <i>Psychopharmacology</i> , 2010, 212, 453-464.	1.5	93

#	ARTICLE	IF	CITATIONS
19	Intrastriatal Shifts Mediate the Transition from Drug-Seeking Actions to Habits. <i>Biological Psychiatry</i> , 2012, 72, 343-345.	0.7	89
20	From impulses to maladaptive actions: the insula is a neurobiological gate for the development of compulsive behavior. <i>Molecular Psychiatry</i> , 2016, 21, 491-499.	4.1	88
21	Basolateral and central amygdala differentially recruit and maintain dorsolateral striatum-dependent cocaine-seeking habits. <i>Nature Communications</i> , 2015, 6, 10088.	5.8	80
22	The basolateral amygdala and nucleus accumbens core mediate dissociable aspects of drug memory reconsolidation. <i>Learning and Memory</i> , 2010, 17, 444-453.	0.5	76
23	Evidence for a Long-Lasting Compulsive Alcohol Seeking Phenotype in Rats. <i>Neuropsychopharmacology</i> , 2018, 43, 728-738.	2.8	74
24	Cocaine Modulation of Frontostriatal Expression of Zif268, D2, and 5-HT2c Receptors in High and Low Impulsive Rats. <i>Neuropsychopharmacology</i> , 2013, 38, 1963-1973.	2.8	71
25	Safety and efficacy of repetitive transcranial magnetic stimulation in the treatment of obsessive-compulsive disorder: A review. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 164-177.	1.3	68
26	Opposing modulatory effects of D1- and D2-like receptor activation on a spinal central pattern generator. <i>Journal of Neurophysiology</i> , 2012, 107, 2250-2259.	0.9	66
27	N-acetylcysteine Facilitates Self-Imposed Abstinence After Escalation of Cocaine Intake. <i>Biological Psychiatry</i> , 2016, 80, 226-234.	0.7	65
28	Addictive behaviour in experimental animals: prospects for translation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170027.	1.8	65
29	Myelin: A gatekeeper of activity-dependent circuit plasticity?. <i>Science</i> , 2021, 374, eaba6905.	6.0	65
30	Exogenous neuropeptide Y promotes in vivo hippocampal neurogenesis. <i>Hippocampus</i> , 2011, 21, 233-238.	0.9	64
31	High anxiety is a predisposing endophenotype for loss of control over cocaine, but not heroin, self-administration in rats. <i>Psychopharmacology</i> , 2012, 222, 89-97.	1.5	59
32	Heroin seeking becomes dependent on dorsal striatal dopaminergic mechanisms and can be decreased by N-acetylcysteine. <i>European Journal of Neuroscience</i> , 2019, 50, 2036-2044.	1.2	57
33	Compulsive alcohol seeking results from a failure to disengage dorsolateral striatal control over behavior. <i>Journal of Neuroscience</i> , 2019, 39, 2615-18.	1.7	56
34	N-Acetylcysteine reduces early- and late-stage cocaine seeking without affecting cocaine taking in rats. <i>Addiction Biology</i> , 2012, 17, 437-440.	1.4	49
35	Increased Impulsivity Retards the Transition to Dorsolateral Striatal Dopamine Control of Cocaine Seeking. <i>Biological Psychiatry</i> , 2014, 76, 15-22.	0.7	46
36	Atomoxetine Decreases Vulnerability to Develop Compulsivity in High Impulsive Rats. <i>Biological Psychiatry</i> , 2014, 75, 825-832.	0.7	44

#	ARTICLE	IF	CITATIONS
37	Endocannabinoids and striatal function. <i>Behavioural Pharmacology</i> , 2015, 26, 59-72.	0.8	35
38	Multi-facetted impulsivity following nigral degeneration and dopamine replacement therapy. <i>Neuropharmacology</i> , 2016, 109, 69-77.	2.0	35
39	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.	2.8	33
40	Bidirectional regulation over the development and expression of loss of control over cocaine intake by the anterior insula. <i>Psychopharmacology</i> , 2017, 234, 1623-1631.	1.5	32
41	The Novel μ -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.	2.8	31
42	Cocaine-induced sensitization is associated with altered dynamics of transcriptional responses of the dopamine transporter, tyrosine hydroxylase, and dopamine D2 receptors in C57Bl/6J mice. <i>Psychopharmacology</i> , 2007, 193, 567-578.	1.5	30
43	Trait Impulsivity and Anhedonia: Two Gateways for the Development of Impulse Control Disorders in Parkinson's Disease?. <i>Frontiers in Psychiatry</i> , 2016, 7, 91.	1.3	28
44	High Locomotor Reactivity to Novelty Is Associated with an Increased Propensity to Choose Saccharin Over Cocaine: New Insights into the Vulnerability to Addiction. <i>Neuropsychopharmacology</i> , 2015, 40, 577-589.	2.8	27
45	The anterior insula bidirectionally modulates cost-benefit decision-making on a rodent gambling task. <i>European Journal of Neuroscience</i> , 2017, 46, 2620-2628.	1.2	24
46	Functional Activity of Eukaryotic Signal Sequences in Escherichia coli: the Ovalbumin Family of Serine Protease Inhibitors. <i>Journal of Molecular Biology</i> , 2004, 335, 437-453.	2.0	23
47	Beyond drug-induced alteration of glutamate homeostasis, astrocytes may contribute to dopamine-dependent intrastriatal functional shifts that underlie the development of drug addiction: A working hypothesis. <i>European Journal of Neuroscience</i> , 2019, 50, 3014-3027.	1.2	23
48	Impaired decision making following escalation of cocaine self-administration predicts vulnerability to relapse in rats. <i>Addiction Biology</i> , 2020, 25, e12738.	1.4	22
49	The Basolateral Amygdala to Nucleus Accumbens Core Circuit Mediates the Conditioned Reinforcing Effects of Cocaine-Paired Cues on Cocaine Seeking. <i>Biological Psychiatry</i> , 2021, 89, 356-365.	0.7	22
50	Environment-dependent behavioral traits and experiential factors shape addiction vulnerability. <i>European Journal of Neuroscience</i> , 2021, 53, 1794-1808.	1.2	21
51	Decrease of cocaine, but not heroin, self-administration and relapse by the tyrosine kinase inhibitor masitinib in male Sprague Dawley rats. <i>Psychopharmacology</i> , 2018, 235, 1545-1556.	1.5	17
52	Why do liver transplant patients so often become obese? The addiction transfer hypothesis. <i>Medical Hypotheses</i> , 2015, 85, 68-75.	0.8	16
53	Baclofen decreases compulsive alcohol drinking in rats characterized by reduced levels of GAT3 in the central amygdala. <i>Addiction Biology</i> , 2021, 26, e13011.	1.4	16
54	Individual differences in the engagement of habitual control over alcohol seeking predict the development of compulsive alcohol seeking and drinking. <i>Addiction Biology</i> , 2021, 26, e13041.	1.4	16

#	ARTICLE	IF	CITATIONS
55	Negative Urgency Exacerbates Relapse to Cocaine Seeking After Abstinence. <i>Biological Psychiatry</i> , 2022, 91, 1051-1060.	0.7	15
56	Habit Formation and Compulsion. <i>Neuromethods</i> , 2011, , 337-378.	0.2	13
57	Nigrostriatal Dopaminergic Denervation Does Not Promote Impulsive Choice in the Rat: Implication for Impulse Control Disorders in Parkinson's Disease. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 312.	1.0	12
58	The anterior insular cortex in the rat exerts an inhibitory influence over the loss of control of heroin intake and subsequent propensity to relapse. <i>European Journal of Neuroscience</i> , 2020, 52, 4115-4126.	1.2	12
59	Acute stress worsens the deficits in appetitive behaviors for social and sexual stimuli displayed by rats after long-term withdrawal from morphine. <i>Psychopharmacology</i> , 2017, 234, 1693-1702.	1.5	11
60	Chronic exposure to glucocorticoids induces suboptimal decision-making in mice. <i>European Neuropsychopharmacology</i> , 2021, 46, 56-67.	0.3	9
61	Impulsivity is predicted by the thinness of the insular cortex in rats. <i>Molecular Psychiatry</i> , 2016, 21, 445-445.	4.1	7
62	Cellular basis of the intrastriatal functional shifts that underlie the development of habits: relevance for drug addiction. <i>Current Opinion in Behavioral Sciences</i> , 2017, 13, 144-151.	2.0	6
63	Balancing family with a successful career in neuroscience. <i>European Journal of Neuroscience</i> , 2016, 44, 1797-1803.	1.2	5
64	Influence de l'insight sur l'efficacité de l'entretien motivationnel dans la prévention des rechutes chez des patients alcoolodépendants. <i>Annales Medico-Psychologiques</i> , 2011, 169, 457-458.	0.2	2
65	NS.1.4 - CORTICOSTRIATAL INTERACTION SUBSERVING INCENTIVE HABITS. <i>Behavioural Pharmacology</i> , 2013, 24, e18.	0.8	2
66	C.20 - DIFFERENTIAL EFFECT OF ENVIRONMENTAL ENRICHMENT ON THE ACQUISITION OF DRUG USE AND THE TRANSITION TO ADDICTION. <i>Behavioural Pharmacology</i> , 2013, 24, e35-e36.	0.8	2
67	Collaboration in neuroscience: the young PI perspective. <i>European Journal of Neuroscience</i> , 2016, 43, 1123-1127.	1.2	2
68	Animal Models in Addiction Research. , 2012, , 73-93.		2
69	Writing a constructive peer review: a young <sc>PI</sc> perspective. <i>European Journal of Neuroscience</i> , 2016, 44, 2873-2876.	1.2	1
70	8.2 Dopaminergic Mechanisms in Drug-Seeking Habits and the Vulnerability to Drug Addiction. , 2009, , 389-406.		1
71	ΔFosB: A Molecular Gate to Motivational Processes within the Nucleus Accumbens?. <i>Journal of Neuroscience</i> , 2006, 26, 11809-11810.	1.7	0
72	S.03.02 Dynamic limbic inputs regulate striatal control of drug-seeking behaviour. <i>European Neuropsychopharmacology</i> , 2015, 25, S113.	0.3	0