Simon Killcross

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5063125/publications.pdf

Version: 2024-02-01

94 papers	7,312 citations	87843 38 h-index	56687 83 g-index
95 all docs	95 docs citations	95 times ranked	5884 citing authors

#	Article	IF	Citations
1	Coordination of Actions and Habits in the Medial Prefrontal Cortex of Rats. Cerebral Cortex, 2003, 13, 400-408.	1.6	639
2	Different types of fear-conditioned behaviour mediated by separate nuclei within amygdala. Nature, 1997, 388, 377-380.	13.7	614
3	Parallel incentive processing: an integrated view of amygdala function. Trends in Neurosciences, 2006, 29, 272-279.	4.2	521
4	Amphetamine Exposure Enhances Habit Formation. Journal of Neuroscience, 2006, 26, 3805-3812.	1.7	418
5	Inactivation of the infralimbic prefrontal cortex reinstates goal-directed responding in overtrained rats. Behavioural Brain Research, 2003, 146, 167-174.	1.2	364
6	The Effect of Lesions of the Basolateral Amygdala on Instrumental Conditioning. Journal of Neuroscience, 2003, 23, 666-675.	1.7	313
7	Obesity and cognitive decline: role of inflammation and vascular changes. Frontiers in Neuroscience, 2014, 8, 375.	1.4	290
8	Dopaminergic Mechanisms in Actions and Habits: Figure 1.. Journal of Neuroscience, 2007, 27, 8181-8183.	1.7	258
9	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
10	Lesions of the Basolateral Amygdala Disrupt Selective Aspects of Reinforcer Representation in Rats. Journal of Neuroscience, 2001, 21, 9018-9026.	1.7	192
11	Associative learning mechanisms underpinning the transition from recreational drug use to addiction. Annals of the New York Academy of Sciences, 2013, 1282, 12-24.	1.8	157
12	Deficits in memory and hippocampal long-term potentiation in mice with reduced calbindin D28K expression.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 8028-8033.	3.3	151
13	Differential effects of intra-accumbens and systemic amphetamine on latent inhibition using an on-baseline, within-subject conditioned suppression paradigm. Psychopharmacology, 1993, 110, 479-489.	1.5	144
14	A model of differential amygdala activation in psychopathy.. Psychological Review, 2012, 119, 789-806.	2.7	136
15	Effects of ibotenic acid lesions of the Nucleus Accumbens on instrumental action. Behavioural Brain Research, 1994, 65, 181-193.	1.2	127
16	Amphetamine-induced disruptions of latent inhibition are reinforcer mediated: implications for animal models of schizophrenic attentional dysfunction. Psychopharmacology, 1994, 115, 185-195.	1.5	121
17	Dissociations in dopamine release in medial prefrontal cortex and ventral striatum during the acquisition and extinction of classical aversive conditioning in the rat. European Journal of Neuroscience, 1998, 10, 1019-1026.	1.2	119
18	Inactivation of the prelimbic, but not infralimbic, prefrontal cortex impairs the contextual control of response conflict in rats. European Journal of Neuroscience, 2007, 25, 559-566.	1.2	118

#	Article	IF	Citations
19	Lesions of Rat Infralimbic Cortex Enhance Recovery and Reinstatement of an Appetitive Pavlovian Response. Learning and Memory, 2004, 11, 611-616.	0.5	112
20	Impact of adolescent sucrose access on cognitive control, recognition memory, and parvalbumin immunoreactivity. Learning and Memory, 2015, 22, 215-224.	0.5	96
21	Prefrontal Cortex Lesions Disrupt the Contextual Control of Response Conflict. Journal of Neuroscience, 2006, 26, 2933-2940.	1.7	86
22	Behavioral and neurobiological mechanisms of punishment: implications for psychiatric disorders. Neuropsychopharmacology, 2018, 43, 1639-1650.	2.8	85
23	Effect of western and high fat diets on memory and cholinergic measures in the rat. Behavioural Brain Research, 2012, 235, 98-103.	1.2	81
24	Lesions of rat infralimbic cortex enhance renewal of extinguished appetitive Pavlovian responding. European Journal of Neuroscience, 2007, 25, 2498-2503.	1.2	76
25	An Integrated Model of Action Selection: Distinct Modes of Cortical Control of Striatal Decision Making. Annual Review of Psychology, 2019, 70, 53-76.	9.9	76
26	Effects of the neuroleptic Î±-flupenthixol on latent inhibition in aversively- and appetitively-motivated paradigms: evidence for dopamine-reinforcer interactions. Psychopharmacology, 1994, 115, 196-205.	1.5	74
27	Preserved Sensitivity to Outcome Value after Lesions of the Basolateral Amygdala. Journal of Neuroscience, 2003, 23, 7702-7709.	1.7	74
28	Accelerated habit formation following amphetamine exposure is reversed by D1, but enhanced by D2, receptor antagonists. Frontiers in Neuroscience, 2013, 7, 76.	1.4	68
29	Symmetrical effects of amphetamine and alpha-flupenthixol on conditioned punishment and conditioned reinforcement: contrasts with midazolam. Psychopharmacology, 1997, 129, 141-152.	1.5	62
30	Posttraining Glucocorticoid Receptor Agonist Enhances Memory in Appetitive and Aversive Pavlovian Discrete-Cue Conditioning Paradigms. Neurobiology of Learning and Memory, 2002, 78, 458-464.	1.0	62
31	Distinct Accumbens Shell Output Pathways Promote versus Prevent Relapse to Alcohol Seeking. Neuron, 2018, 98, 512-520.e6.	3.8	59
32	Functional heterogeneity within the rodent lateral orbitofrontal cortex dissociates outcome devaluation and reversal learning deficits. ELife, 2018, 7, .	2.8	58
33	Pulling habits out of rats: adenosine 2A receptor antagonism in dorsomedial striatum rescues methâ€amphetamineâ€induced deficits in goalâ€directed action. Addiction Biology, 2017, 22, 172-183.	1.4	55
34	The Basolateral Amygdala Is Critical for Learning about Neutral Stimuli in the Presence of Danger, and the Perirhinal Cortex Is Critical in the Absence of Danger. Journal of Neuroscience, 2013, 33, 13112-13125.	1.7	50
35	Cognition in female transmembrane domain neuregulin 1 mutant mice. Behavioural Brain Research, 2012, 226, 218-223.	1.2	49
36	The prelimbic cortex uses higher-order cues to modulate both the acquisition and expression of conditioned fear. Frontiers in Systems Neuroscience, 2014, 8, 235.	1.2	43

#	Article	IF	Citations
37	Dopamine activity in the nucleus accumbens modulates blocking in fear conditioning. European Journal of Neuroscience, 2006, 24, 3265-3270.	1.2	42
38	Complementary Roles for Ventral Pallidum Cell Types and Their Projections in Relapse. Journal of Neuroscience, 2020, 40, 880-893.	1.7	42
39	Basolateral amygdala lesions disrupt latent inhibitionin rats. Brain Research Bulletin, 2001, 56, 49-53.	1.4	41
40	Lesions of the Basolateral Amygdala Disrupt Conditioning Based on the Retrieved Representations of Motivationally Significant Events. Journal of Neuroscience, 2006, 26, 8305-8309.	1.7	40
41	The Prelimbic Cortex Contributes to the Down-Regulation of Attention Toward Redundant Cues. Cerebral Cortex, 2014, 24, 1066-1074.	1.6	40
42	The prelimbic cortex uses contextual cues to modulate responding towards predictive stimuli during fear renewal. Neurobiology of Learning and Memory, 2015, 118, 20-29.	1.0	38
43	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.	1.2	37
44	Contextual Control of Choice Performance: Behavioral, Neurobiological, and Neurochemical Influences. Annals of the New York Academy of Sciences, 2007, 1104, 250-269.	1.8	37
45	Lesions of rat infralimbic cortex result in disrupted retardation but normal summation test performance following training on a Pavlovian conditioned inhibition procedure. European Journal of Neuroscience, 2007, 26, 2654-2660.	1.2	36
46	Punishment insensitivity emerges from impaired contingency detection, not aversion insensitivity or reward dominance. ELife, 2019, 8, .	2.8	34
47	MEDIAL PREFRONTAL CORTEX LESIONS ABOLISH CONTEXTUAL CONTROL OF COMPETING RESPONSES. Journal of the Experimental Analysis of Behavior, 2005, 84, 485-504.	0.8	32
48	Inactivation of the infralimbic prefrontal cortex in rats reduces the influence of inappropriate habitual responding in a response-conflict task. Neuroscience, 2011, 199, 205-212.	1.1	32
49	The prelimbic cortex directs attention toward predictive cues during fear learning. Learning and Memory, 2015, 22, 289-293.	0.5	32
50	Modulation of attention and action in the medial prefrontal cortex of rats.. Psychological Review, 2018, 125, 822-843.	2.7	31
51	Glucocorticoid Receptor Agonist Enhances Pavlovian Appetitive Conditioning but Disrupts Outcome-Specific Associations.. Behavioral Neuroscience, 2003, 117, 1453-1457.	0.6	27
52	Reinstatement of extinguished fear by Î²-adrenergic arousal elicited by a conditioned context.. Behavioral Neuroscience, 2005, 119, 1662-1671.	0.6	27
53	Latent inhibition, learned irrelevance, and schizotypy: Assessing their relationship. Cognitive Neuropsychiatry, 2009, 14, 11-29.	0.7	26
54	Clozapine but not haloperidol treatment reverses sub-chronic phencyclidine-induced disruption of conditional discrimination performance. Behavioural Brain Research, 2006, 175, 271-277.	1.2	25

#	Article	IF	Citations
55	Orbitofrontal cortex inactivation impairs between- but not within-session Pavlovian extinction: An associative analysis. Neurobiology of Learning and Memory, 2014, 108, 78-87.	1.0	25
56	Excitotoxic lesions of the hippocampus leave sensory preconditioning intact: Implications for models of hippocampal functioning.. Behavioral Neuroscience, 2001, 115, 1357-1362.	0.6	24
57	Role of primary motivation in stimulus preexposure effects.. Journal of Experimental Psychology, 1996, 22, 32-42.	1.9	24
58	Contextual control of biconditional task performance: Evidence for cue and response competition in rats. Quarterly Journal of Experimental Psychology, 2008, 61, 1307-1320.	0.6	22
59	Evaluation of state and trait biomarkers in healthy volunteers for the development of novel drug treatments in schizophrenia. Journal of Psychopharmacology, 2011, 25, 1207-1225.	2.0	22
60	Lesions to the ventral, but not the dorsal, medial prefrontal cortex enhance latent inhibition. European Journal of Neuroscience, 2010, 31, 1474-1482.	1.2	21
61	Disrupted attentional learning in high schizotypy: Evidence of aberrant salience. British Journal of Psychology, 2016, 107, 601-624.	1.2	21
62	Attenuation of d-amphetamine-induced disruption of conditional discrimination performance by ?-flupenthixol. Psychopharmacology, 2005, 177, 296-306.	1.5	20
63	Role of the medial prefrontal cortex in acquired distinctiveness and equivalence of cues.. Behavioral Neuroscience, 2007, 121, 1431-1436.	0.6	20
64	Danger Changes the Way the Mammalian Brain Stores Information About Innocuous Events: A Study of Sensory Preconditioning in Rats. ENeuro, 2018, 5, ENEURO.0381-17.2017.	0.9	19
65	Integration of geometric with luminance information in the rat: Evidence from within-compound associations.. Journal of Experimental Psychology, 2009, 35, 92-98.	1.9	17
66	Contextual Control of Latent Inhibition by the Reinforcer. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 1996, 49, 45-59.	2.8	16
67	WAY100635 and latent inhibition in the rat: selective effects at preexposure. Behavioural Brain Research, 1997, 88, 51-57.	1.2	16
68	Differential attenuation of d-amphetamine-induced disruption of conditional discrimination performance by dopamine and serotonin antagonists. Psychopharmacology, 2006, 188, 183-192.	1.5	16
69	Lesions of the prelimbic prefrontal cortex prevent response conflict produced by actionâ€“outcome associations. Quarterly Journal of Experimental Psychology, 2010, 63, 417-424.	0.6	16
70	Western Diet Chow Consumption in Rats Induces Striatal Neuronal Activation While Reducing Dopamine Levels without Affecting Spatial Memory in the Radial Arm Maze. Frontiers in Behavioral Neuroscience, 2017, 11, 22.	1.0	16
71	Clozapine, SCH 23390 and Î±-flupenthixol but not haloperidol attenuate acute phencyclidine-induced disruption of conditional discrimination performance. Psychopharmacology, 2007, 190, 403-414.	1.5	14
72	Effect of low-intensity treadmill exercise on behavioural measures and hippocampal parvalbumin immunoreactivity in the rat. Behavioural Brain Research, 2013, 256, 598-601.	1.2	14

#	Article	IF	Citations
73	Excitotoxic Lesions of the Entorhinal Cortex Leave Gustatory Within-Event Learning Intact.. Behavioral Neuroscience, 2005, 119, 1131-1135.	0.6	13
74	Rapid communication: Impaired conditional task performance in a high schizotypy population: Relation to cognitive deficits. Quarterly Journal of Experimental Psychology, 2011, 64, 1-9.	0.6	13
75	Differential involvement of dopamine receptor subtypes in the acquisition of Pavlovian sign-tracking and goal-tracking responses. Psychopharmacology, 2019, 236, 1853-1862.	1.5	13
76	Transgenic expression of the FTDP-17 tauV337M mutation in brain dissociates components of executive function in mice. Neurobiology of Learning and Memory, 2013, 104, 73-81.	1.0	10
77	Both motivational and training factors affect response conflict choice performance in rats. Neural Networks, 2006, 19, 1192-1202.	3.3	9
78	Loss of latent inhibition in conditioned taste aversion following exposure to a novel flavour before test. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 2001, 54, 271-288.	2.8	8
79	Rat prefrontal dopamine and cognitive control: Impaired and enhanced conflict performance.. Behavioral Neuroscience, 2011, 125, 344-349.	0.6	8
80	Discrimination between Outcomes in Instrumental Learning: Effects of Preexposure to the Reinforcers. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 2003, 56, 253-265.	2.8	7
81	Optional-shift behaviour in rats: A novel procedure for assessing attentional processes in discrimination learning. Quarterly Journal of Experimental Psychology, 2007, 60, 534-542.	0.6	7
82	Additional exposures to a compound of two preexposed stimuli deepen latent inhibition.. Journal of Experimental Psychology, 2011, 37, 394-406.	1.9	7
83	The conditions that regulate formation of a false fear memory in rats. Neurobiology of Learning and Memory, 2018, 156, 53-59.	1.0	7
84	Medial prefrontal cortex infusion of Î±-flupenthixol attenuates systemic d-amphetamine-induced disruption of conditional discrimination performance in rats. Psychopharmacology, 2007, 192, 347-355.	1.5	6
85	Extreme Elemental Processing in a High Schizotypy Population: Relation to Cognitive Deficits. Quarterly Journal of Experimental Psychology, 2014, 67, 918-935.	0.6	6
86	Loss of Hierarchical Control by Occasion Setters Following Lesions of the Prelimbic and Infralimbic Medial Prefrontal Cortex in Rats. Brain Sciences, 2019, 9, 48.	1.1	6
87	Dissociation of prefrontal cortex and nucleus accumbens dopaminergic systems in conditional learning in rats. Behavioural Brain Research, 2011, 225, 47-55.	1.2	5
88	Error Correction in Latent Inhibition and its Disruption by Opioid Receptor Blockade with Naloxone. Neuropsychopharmacology, 2013, 38, 2439-2445.	2.8	5
89	The on-baseline latent inhibition effect is not counterconditioning. Psychopharmacology, 1995, 118, 104-106.	1.5	4
90	A further assessment of the Hallâ€“Rodriguez theory of latent inhibition.. Journal of Experimental Psychology, 2013, 39, 117-125.	1.9	4

#	Article	IF	Citations
91	Hunting for evidence of cognitive planning: Archaeological signatures versus psychological realities. Journal of Archaeological Science: Reports, 2016, 5, 225-239.	0.2	4
92	Within-event learning in rats with lesions of the basolateral amygdala. Behavioural Brain Research, 2013, 236, 48-55.	1.2	2
93	Attenuation of acute d-amphetamine-induced disruption of conflict resolution by clozapine, but not Î±-flupenthixol in rats. Journal of Psychopharmacology, 2013, 27, 1023-1031.	2.0	2
94	The Role of the Rodent Lateral Orbitofrontal Cortex in Simple Pavlovian Cue-Outcome Learning Depends on Training Experience. Cerebral Cortex Communications, 2021, 2, tgab010.	0.7	2