

Verity J Brown

List of Publications by Year in descending order

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71
papers

6,391
citations

71102

41
h-index

85541

71
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75
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75
docs citations

75
times ranked

5957
citing authors

#	ARTICLE	IF	CITATIONS
1	Medial Frontal Cortex Mediates Perceptual Attentional Set Shifting in the Rat. <i>Journal of Neuroscience</i> , 2000, 20, 4320-4324.	3.6	1,258
2	Orbital prefrontal cortex mediates reversal learning and not attentional set shifting in the rat. <i>Behavioural Brain Research</i> , 2003, 146, 97-103.	2.2	551
3	Vagal nerve stimulation: a review of its applications and potential mechanisms that mediate its clinical effects. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 493-500.	6.1	520
4	Rodent models of prefrontal cortical function. <i>Trends in Neurosciences</i> , 2002, 25, 340-343.	8.6	283
5	SIMPLE AND CHOICE REACTION TIME PERFORMANCE FOLLOWING UNILATERAL STRIATAL DOPAMINE DEPLETION IN THE RAT. <i>Brain</i> , 1991, 114, 513-525.	7.6	156
6	Recordings from the rat locus coeruleus during acute vagal nerve stimulation in the anaesthetised rat. <i>Neuroscience Letters</i> , 2005, 379, 174-179.	2.1	155
7	Lesions of the dorsal noradrenergic bundle impair attentional set shifting in the rat. <i>European Journal of Neuroscience</i> , 2007, 25, 3719-3724.	2.6	152
8	Stratified medicine for mental disorders. <i>European Neuropsychopharmacology</i> , 2014, 24, 5-50.	0.7	152
9	Striatal Graft-Associated Recovery of a Lesion-Induced Performance Deficit in the Rat Requires Learning to Use The Transplant. <i>European Journal of Neuroscience</i> , 1992, 4, 119-126.	2.6	140
10	On the Relationships Between the Striatum and the Pedunculopontine Tegmental Nucleus. <i>Critical Reviews in Neurobiology</i> , 1997, 11, 241-261.	3.1	121
11	Reaction Time Deficits and Parkinson's Disease. <i>Neuroscience and Biobehavioral Reviews</i> , 1998, 22, 865-881.	6.1	119
12	Double dissociation of social and environmental stimulation on spatial learning and reversal learning in rats. <i>Behavioural Brain Research</i> , 2004, 152, 307-314.	2.2	117
13	Attentional Orienting Is Impaired by Unilateral Lesions of the Thalamic Reticular Nucleus in the Rat. <i>Journal of Neuroscience</i> , 1999, 19, 10135-10139.	3.6	114
14	Elementary processes of response selection mediated by distinct regions of the striatum. <i>Journal of Neuroscience</i> , 1989, 9, 3760-3765.	3.6	112
15	Thalamic Reticular Nucleus Activation Reflects Attentional Gating during Classical Conditioning. <i>Journal of Neuroscience</i> , 2000, 20, 8897-8901.	3.6	112
16	5-HT6 receptor antagonists improve performance in an attentional set shifting task in rats. <i>Psychopharmacology</i> , 2005, 181, 253-259.	3.1	111
17	Innovative solutions to novel drug development in mental health. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2438-2444.	6.1	102
18	Cholinergic neurotransmission influences covert orientation of visuospatial attention in the rat. <i>Psychopharmacology</i> , 2000, 150, 112-116.	3.1	97

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19	The Role of the Striatum in the Mental Chronometry of Action: A Theoretical Review. <i>Reviews in the Neurosciences</i> , 1990, 2, 181-214.	2.9	95
20	Mechanisms underlying attentional set-shifting in Parkinsons disease. <i>Neuropsychologia</i> , 1999, 37, 605-616.	1.6	91
21	The effect of striatal dopamine depletion and the adenosine A2A antagonist KW-6002 on reversal learning in rats. <i>Neurobiology of Learning and Memory</i> , 2007, 88, 75-81.	1.9	90
22	Covert Orienting of Attention in the Rat and the Role of Striatal Dopamine. <i>Journal of Neuroscience</i> , 1996, 16, 3082-3088.	3.6	75
23	Lesions of the orbital prefrontal cortex impair the formation of attentional set in rats. <i>European Journal of Neuroscience</i> , 2012, 36, 2368-2375.	2.6	70
24	Deficits in response space following unilateral striatal dopamine depletion in the rat. <i>Journal of Neuroscience</i> , 1989, 9, 983-989.	3.6	69
25	The Efficacy of Policy Statements on Plagiarism: Do They Change Students' Views?. <i>Research in Higher Education</i> , 2001, 42, 103-118.	1.7	69
26	Difficulty Overcoming Learned Non-reward during Reversal Learning in Rats with Ibotenic Acid Lesions of Orbital Prefrontal Cortex. <i>Annals of the New York Academy of Sciences</i> , 2007, 1121, 407-420.	3.8	68
27	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
28	Lesions of the basal forebrain impair reversal learning but not shifting of attentional set in rats. <i>Behavioural Brain Research</i> , 2008, 187, 100-108.	2.2	67
29	Discrimination reversal and attentional sets in zebrafish (<i>Danio rerio</i>). <i>Behavioural Brain Research</i> , 2012, 232, 264-268.	2.2	65
30	A plan for mental illness. <i>Nature</i> , 2012, 483, 269-269.	27.8	64
31	Attentional Set-Shifting Across Species. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 28, 363-395.	1.7	64
32	Reaction time performance following unilateral striatal dopamine depletion and lesions of the subthalamic nucleus in the rat. <i>European Journal of Neuroscience</i> , 1999, 11, 1003-1010.	2.6	60
33	The Thalamic Reticular Nucleus: More Than a Sensory Nucleus?. <i>Neuroscientist</i> , 2002, 8, 302-305.	3.5	60
34	Refinement of the use of food and fluid control as motivational tools for macaques used in behavioural neuroscience research: Report of a Working Group of the NC3Rs. <i>Journal of Neuroscience Methods</i> , 2010, 193, 167-188.	2.5	60
35	Attentional Set-Shifting in Rodents: A Review of Behavioural Methods and Pharmacological Results. <i>Current Pharmaceutical Design</i> , 2014, 20, 5046-5059.	1.9	60
36	Discriminative Cues Indicating Reward Magnitude Continue to Determine Reaction Time of Rats Following Lesions of the Nucleus Accumbens. <i>European Journal of Neuroscience</i> , 1995, 7, 2479-2485.	2.6	58

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37	Inhibition of thalamic excitability by 4,5,6,7-tetrahydroisoxazolo[4,5-c]pyridine-3-ol: a selective role for GABA _A receptors. <i>European Journal of Neuroscience</i> , 2009, 29, 1177-1187.	2.6	58
38	Effects of excitotoxic lesions of the rat ventral striatum on the perception of reward cost. <i>Experimental Brain Research</i> , 1998, 123, 439-448.	1.5	56
39	Assessment of intradimensional/extradimensional attentional set-shifting in rats. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 89, 72-84.	6.1	52
40	Asenapine restores cognitive flexibility in rats with medial prefrontal cortex lesions. <i>Psychopharmacology</i> , 2009, 202, 295-306.	3.1	49
41	Dopamine dependent reaction time deficits in patients with parkinson's disease are task specific. <i>Neuropsychologia</i> , 1993, 31, 459-469.	1.6	42
42	Response-related deficits following unilateral lesions of the medial agranular cortex of the rat.. <i>Behavioral Neuroscience</i> , 1991, 105, 567-578.	1.2	41
43	Orbitofrontal morphology in people at high risk of developing schizophrenia. <i>European Psychiatry</i> , 2010, 25, 366-372.	0.2	41
44	Lesions of the dorsomedial striatum impair formation of attentional set in rats. <i>Neuropharmacology</i> , 2013, 71, 148-153.	4.1	41
45	Anticipatory errors after unilateral lesions of the subthalamic nucleus in the rat: Evidence for a failure of response inhibition.. <i>Behavioral Neuroscience</i> , 2000, 114, 150-157.	1.2	33
46	Valproate prevents the induction, but not the expression of morphine sensitization in mice. <i>Behavioural Brain Research</i> , 2004, 152, 251-257.	2.2	30
47	The effect of the adenosine A2A antagonist KW-6002 on motor and motivational processes in the rat. <i>Psychopharmacology</i> , 2006, 184, 46-55.	3.1	29
48	The effects of DISC1 risk variants on brain activation in controls, patients with bipolar disorder and patients with schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2011, 192, 20-28.	1.8	24
49	Effects of lesions of the subthalamic nucleus/zona incerta area and dorsomedial striatum on attentional set-shifting in the rat. <i>Neuroscience</i> , 2017, 345, 287-296.	2.3	23
50	Deficits in response initiation, but not attention, following excitotoxic lesions of posterior parietal cortex in the rat. <i>Brain Research</i> , 1997, 775, 81-90.	2.2	22
51	The effect of excitotoxic lesions of the pedunculopontine tegmental nucleus on performance of a progressive ratio schedule of reinforcement. <i>Neuroscience</i> , 2002, 112, 417-425.	2.3	22
52	More rapid reversal learning following overtraining in the rat is evidence that behavioural and cognitive flexibility are dissociable. <i>Behavioural Brain Research</i> , 2019, 363, 45-52.	2.2	21
53	Simple and choice reaction-time performance following occlusion of the anterior cerebral arteries in the rat. <i>Experimental Brain Research</i> , 1998, 123, 269-281.	1.5	20
54	The effect of systemic d-amphetamine on motor versus motivational processes in the rat. <i>Psychopharmacology</i> , 1996, 128, 171-180.	3.1	19

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55	Assessment of sensorimotor neglect after occlusion of the middle cerebral artery in the rat.. Behavioral Neuroscience, 1997, 111, 1133-1145.	1.2	16
56	Excitotoxic lesions of the subthalamic nucleus ameliorate asymmetry induced by striatal dopamine depletion in the rat. Behavioural Brain Research, 1998, 90, 73-77.	2.2	16
57	Understanding the relationship between suicidality, current depressed mood, personality, and cognitive factors. Psychology and Psychotherapy: Theory, Research and Practice, 2017, 90, 530-549.	2.5	15
58	Tacrine improves reversal learning in older rats. Neuropharmacology, 2013, 73, 284-289.	4.1	14
59	Food or friends? What motivates zebrafish (Danio rerio) performing a visual discrimination. Behavioural Brain Research, 2019, 359, 190-196.	2.2	14
60	Memory for the changing cost of a reward is mediated by the sublenticular extended amygdala. Brain Research Bulletin, 1996, 39, 163-170.	3.0	13
61	Oral dosing of rodents using a palatable tablet. Psychopharmacology, 2018, 235, 1527-1532.	3.1	11
62	Attention to visual, but not tactile, properties of a stimulus results in activation of FOS protein in the visual thalamic reticular nucleus of rats. Behavioural Brain Research, 2010, 211, 248-252.	2.2	10
63	Voluntary saccadic eye movements in humans studied with a double-cue paradigm. Vision Research, 2002, 42, 1897-1915.	1.4	9
64	Set shifting and reversal learning in borderline personality disorder. Personality and Mental Health, 2014, 8, 1-13.	1.2	7
65	Quality of Life in Parkinson's Disease: Movement Disorders Clinic vs General Medical Clinic - A Comparative Study. Scottish Medical Journal, 2005, 50, 18-20.	1.3	5
66	Amphetamine and the adenosine A2A antagonist KW-6002 enhance the effects of conditional temporal probability of a stimulus in rats.. Behavioral Neuroscience, 2007, 121, 535-542.	1.2	4
67	Exacerbation of the credit assignment problem in rats with lesions of the medial prefrontal cortex is revealed by Bayesian analysis of behavior in the pre-solution period of learning. Behavioural Brain Research, 2019, 372, 112037.	2.2	3
68	The rat nervous system. Neuropsychologia, 1996, 34, 160.	1.6	2
69	Response to Westlund's commentary: "Can conditioned reinforcers and variable-Ratio Schedules make food- and fluid control redundant?" Journal of Neuroscience Methods, 2012, 204, 206-209.	2.5	2
70	Behavioural neuroscience: Volume II. A practical approach. Neuropsychologia, 1994, 32, 1306-1307.	1.6	1
71	Escitalopram Restores Reversal Learning Impairments in Rats with Lesions of Orbital Frontal Cortex. Language, Cognition and Mind, 2021, , 389-409.	0.5	0