

Michael E Ragozzino

List of Publications by Year in descending order

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83
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66343

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#	ARTICLE	IF	CITATIONS
1	Involvement of the Prelimbicâ€“Infralimbic Areas of the Rodent Prefrontal Cortex in Behavioral Flexibility for Place and Response Learning. <i>Journal of Neuroscience</i> , 1999, 19, 4585-4594.	3.6	523
2	The Contribution of the Medial Prefrontal Cortex, Orbitofrontal Cortex, and Dorsomedial Striatum to Behavioral Flexibility. <i>Annals of the New York Academy of Sciences</i> , 2007, 1121, 355-375.	3.8	386
3	Hippocampal acetylcholine release during memory testing in rats: augmentation by glucose.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 4693-4698.	7.1	293
4	Role of the dorsomedial striatum in behavioral flexibility for response and visual cue discrimination learning.. <i>Behavioral Neuroscience</i> , 2002, 116, 105-115.	1.2	248
5	Chronic oral application of a periodontal pathogen results in brain inflammation, neurodegeneration and amyloid beta production in wild type mice. <i>PLoS ONE</i> , 2018, 13, e0204941.	2.5	225
6	Involvement of rodent prefrontal cortex subregions in strategy switching.. <i>Behavioral Neuroscience</i> , 1999, 113, 32-41.	1.2	216
7	Reduced behavioral flexibility in autism spectrum disorders.. <i>Neuropsychology</i> , 2013, 27, 152-160.	1.3	207
8	Glucose enhancement of memory in patients with probable senile dementia of the Alzheimer's type. <i>Neurobiology of Aging</i> , 1993, 14, 523-528.	3.1	203
9	Modulation of Hippocampal Acetylcholine Release and Spontaneous Alternation Scores by Intrahippocampal Glucose Injections. <i>Journal of Neuroscience</i> , 1998, 18, 1595-1601.	3.6	195
10	Involvement of the dorsomedial striatum in behavioral flexibility: role of muscarinic cholinergic receptors. <i>Brain Research</i> , 2002, 953, 205-214.	2.2	185
11	Differences in BTBR T+ tf/J and C57BL/6J mice on probabilistic reversal learning and stereotyped behaviors. <i>Behavioural Brain Research</i> , 2012, 227, 64-72.	2.2	168
12	The involvement of the orbitofrontal cortex in learning under changing task contingencies. <i>Neurobiology of Learning and Memory</i> , 2005, 83, 125-133.	1.9	165
13	Differential involvement of the dorsal anterior cingulate and prelimbicâ€“infralimbic areas of the rodent prefrontal cortex in spatial working memory.. <i>Behavioral Neuroscience</i> , 1998, 112, 293-303.	1.2	157
14	The Effects of Dopamine D1 Receptor Blockade in the Prelimbic-Infralimbic Areas on Behavioral Flexibility. <i>Learning and Memory</i> , 2002, 9, 18-28.	1.3	155
15	Primary food reward and rewardâ€“predictive stimuli evoke different patterns of phasic dopamine signaling throughout the striatum. <i>European Journal of Neuroscience</i> , 2011, 34, 1997-2006.	2.6	147
16	Role of the dorsomedial striatum in behavioral flexibility for response and visual cue discrimination learning.. <i>Behavioral Neuroscience</i> , 2002, 116, 105-115.	1.2	142
17	The contribution of the rat prelimbic-infralimbic areas to different forms of task switching.. <i>Behavioral Neuroscience</i> , 2003, 117, 1054-1065.	1.2	134
18	The Parafascicular Thalamic Nucleus Concomitantly Influences Behavioral Flexibility and Dorsomedial Striatal Acetylcholine Output in Rats. <i>Journal of Neuroscience</i> , 2010, 30, 14390-14398.	3.6	113

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19	Acetylcholine activity in selective striatal regions supports behavioral flexibility. <i>Neurobiology of Learning and Memory</i> , 2009, 91, 13-22.	1.9	110
20	Involvement of rodent prefrontal cortex subregions in strategy switching.. <i>Behavioral Neuroscience</i> , 1999, 113, 32-41.	1.2	107
21	Cognitive Set Shifting Deficits and Their Relationship to Repetitive Behaviors in Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 805-815.	2.7	95
22	Dynamic Changes in Acetylcholine Output in the Medial Striatum During Place Reversal Learning. <i>Learning and Memory</i> , 2004, 11, 70-77.	1.3	91
23	VRX-03011, a novel 5-HT ₄ agonist, enhances memory and hippocampal acetylcholine efflux. <i>Neuropharmacology</i> , 2007, 53, 563-573.	4.1	86
24	The Effects of Prelimbic and Infralimbic Lesions on Working Memory for Visual Objects in Rats. <i>Neurobiology of Learning and Memory</i> , 2002, 77, 29-43.	1.9	81
25	Role of the Medial and Lateral Caudate-Putamen in Mediating an Auditory Conditional Response Association. <i>Neurobiology of Learning and Memory</i> , 2001, 76, 106-116.	1.9	79
26	Acetylcholine actions in the dorsomedial striatum support the flexible shifting of response patterns. <i>Neurobiology of Learning and Memory</i> , 2003, 80, 257-267.	1.9	79
27	Differential involvement of M1-type and M4-type muscarinic cholinergic receptors in the dorsomedial striatum in task switching. <i>Neurobiology of Learning and Memory</i> , 2008, 89, 114-124.	1.9	78
28	Differential effects of M1 muscarinic receptor blockade and nicotinic receptor blockade in the dorsomedial striatum on response reversal learning. <i>Behavioural Brain Research</i> , 2004, 154, 245-253.	2.2	74
29	The influence of NMDA receptors in the dorsomedial striatum on response reversal learning. <i>Neurobiology of Learning and Memory</i> , 2004, 82, 81-89.	1.9	73
30	Risperidone and the 5-HT _{2A} Receptor Antagonist M100907 Improve Probabilistic Reversal Learning in BTBR T ⁺ /Mice. <i>Autism Research</i> , 2014, 7, 555-567.	3.8	70
31	Differential involvement of the dorsal anterior cingulate and prelimbic-infralimbic areas of the rodent prefrontal cortex in spatial working memory.. <i>Behavioral Neuroscience</i> , 1998, 112, 293-303.	1.2	70
32	Spontaneous alternation and inhibitory avoidance impairments with morphine injections into the medial septum. Attenuation by glucose administration. <i>Brain Research</i> , 1992, 597, 241-249.	2.2	69
33	The Effects of Muscarinic Cholinergic Receptor Blockade in the Rat Anterior Cingulate and Prelimbic/Infralimbic Cortices on Spatial Working Memory. <i>Neurobiology of Learning and Memory</i> , 1998, 69, 241-257.	1.9	65
34	The role of rat dorsomedial prefrontal cortex in working memory for egocentric responses. <i>Neuroscience Letters</i> , 2001, 308, 145-148.	2.1	61
35	Intra-amygdala infusions of scopolamine impair performance on a conditioned place preference task but not a spatial radial maze task. <i>Behavioural Brain Research</i> , 1998, 95, 219-226.	2.2	59
36	Glucose attenuates a morphine-induced decrease in hippocampal acetylcholine output: an in vivo microdialysis study in rats. <i>Brain Research</i> , 1994, 655, 77-82.	2.2	57

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37	The role of the prefrontal cortex in objectâ€‘place learning: a test of the attribute specificity model. Behavioural Brain Research, 2003, 146, 159-165.	2.2	57
38	The effect of rat anterior cingulate inactivation on cognitive flexibility.. Behavioral Neuroscience, 2007, 121, 698-706.	1.2	56
39	Contralateral disconnection of the rat prelimbic cortex and dorsomedial striatum impairs cue-guided behavioral switching. Learning and Memory, 2014, 21, 368-379.	1.3	53
40	Cognitive Flexibility Deficits Following 6-OHDA Lesions of the Rat Dorsomedial Striatum. Neuroscience, 2018, 374, 80-90.	2.3	51
41	The role of the agranular insular cortex in working memory for food reward value and allocentric space in rats. Behavioural Brain Research, 1998, 98, 103-112.	2.2	49
42	The contribution of NMDA receptors in the dorsolateral striatum to egocentric response learning.. Behavioral Neuroscience, 2005, 119, 953-960.	1.2	48
43	Human reversal learning under conditions of certain versus uncertain outcomes. NeuroImage, 2011, 56, 315-322.	4.2	48
44	The Selective M ₁ Muscarinic Cholinergic Agonist CDD-0102A Enhances Working Memory and Cognitive Flexibility. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 588-594.	2.5	47
45	The selective serotonin reuptake inhibitor, escitalopram, enhances inhibition of prepotent responding and spatial reversal learning. Journal of Psychopharmacology, 2012, 26, 1443-1455.	4.0	46
46	Relative Timing Between Kappa Opioid Receptor Activation and Cocaine Determines the Impact on Reward and Dopamine Release. Neuropsychopharmacology, 2016, 41, 989-1002.	5.4	44
47	Differential effects of 5-HT _{2A} and 5-HT _{2C} receptor blockade on strategy-switching. Behavioural Brain Research, 2011, 219, 123-131.	2.2	42
48	The effects of PRX-07034, a novel 5-HT ₆ antagonist, on cognitive flexibility and working memory in rats. Psychopharmacology, 2012, 220, 687-696.	3.1	42
49	5HT _{2A} receptor blockade in dorsomedial striatum reduces repetitive behaviors in BTBR mice. Genes, Brain and Behavior, 2017, 16, 342-351.	2.2	42
50	Pyruvate infusions into the septal area attenuate spontaneous alternation impairments induced by intraseptal morphine injections.. Behavioral Neuroscience, 1995, 109, 1074-1080.	1.2	40
51	Glucose attenuates the effect of combined muscarinic-nicotinic receptor blockade on spontaneous alternation. European Journal of Pharmacology, 1994, 256, 31-36.	3.5	36
52	Naloxone modulates the behavioral effects of cholinergic agonists and antagonists. Psychopharmacology, 1991, 105, 57-62.	3.1	32
53	The effect of N-methyl-d-aspartate receptor blockade on acetylcholine efflux in the dorsomedial striatum during response reversal learning. Neuroscience, 2006, 143, 671-678.	2.3	32
54	Intraparenchymal Striatal Transplants Required for Maintenance of Behavioral Recovery in an Animal Model of Huntington's Disease. Journal of Neural Transplantation, 1989, 1, 23-31.	0.8	28

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55	The adenosine A _{2A} receptor agonist, CGS 21680, attenuates a probabilistic reversal learning deficit and elevated grooming behavior in BTBR mice. <i>Autism Research</i> , 2018, 11, 223-233.	3.8	28
56	Oxotremorine treatment reduces repetitive behaviors in BTBR T+ tf/J mice. <i>Frontiers in Synaptic Neuroscience</i> , 2014, 6, 17.	2.5	27
57	M100907 attenuates elevated grooming behavior in the BTBR mouse. <i>Behavioural Brain Research</i> , 2016, 313, 67-70.	2.2	26
58	Glucose effects on mecamylamine-induced memory deficits and decreases in locomotor activity in mice. <i>Behavioral and Neural Biology</i> , 1991, 56, 271-282.	2.2	24
59	Pedunculopontine tegmental nucleus lesions impair probabilistic reversal learning by reducing sensitivity to positive reward feedback. <i>Neurobiology of Learning and Memory</i> , 2016, 131, 1-8.	1.9	21
60	Familiality of behavioral flexibility and response inhibition deficits in autism spectrum disorder (ASD). <i>Molecular Autism</i> , 2019, 10, 47.	4.9	20
61	Pyruvate infusions into the septal area attenuate spontaneous alternation impairments induced by intraseptal morphine injections. <i>Behavioral Neuroscience</i> , 1995, 109, 1074-1080.	1.2	20
62	Behavioral Effects of Neural Transplantation. <i>Cell Transplantation</i> , 1992, 1, 401-427.	2.5	18
63	The prelimbic cortex and subthalamic nucleus contribute to cue-guided behavioral switching. <i>Neurobiology of Learning and Memory</i> , 2014, 107, 65-78.	1.9	17
64	Cognitive flexibility impairment and reduced frontal cortex BDNF expression in the ouabain model of mania. <i>Neuroscience</i> , 2017, 345, 229-242.	2.3	17
65	Regression to Prior Response Preference After Set Switching Implicates Striatal Dysfunction Across Psychotic Disorders: Findings From the B-SNIP Study. <i>Schizophrenia Bulletin</i> , 2015, 41, 940-950.	4.3	15
66	Tandospirone, a Partial 5-HT _{1A} Receptor Agonist, Administered Systemically or Into Anterior Cingulate Attenuates Repetitive Behaviors in Shank3B Mice. <i>International Journal of Neuropsychopharmacology</i> , 2020, 23, 533-542.	2.1	14
67	The contribution of cholinergic and dopaminergic afferents in the rat prefrontal cortex to learning, memory, and attention. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2000, 28, 238-247.	1.3	14
68	Acetylcholine release from dissociated striatal cells. <i>Brain Research</i> , 1995, 697, 271-275.	2.2	13
69	Chapter 48 NADPH-Diaphorase-containing neurons and cytochrome oxidase activity following striatal quinolinic acid lesions and fetal striatal transplants. <i>Progress in Brain Research</i> , 1990, 82, 427-431.	1.4	12
70	Brown Norway and Zucker Lean Rats Demonstrate Circadian Variation in Ventilation and Sleep Apnea. <i>Sleep</i> , 2014, 37, 715-721.	1.1	10
71	Cognitive flexibility: Development, disease and treatment. <i>Neuroscience</i> , 2017, 345, 1-2.	2.3	10
72	Determining striatal extracellular glutamate levels in xCT mutant mice using LFPS CE-LIF. <i>Analytical Methods</i> , 2014, 6, 2916-2922.	2.7	9

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73	Privileged scaffold-based design to identify a novel drug-like 5-HT7 receptor-preferring agonist to target Fragile X syndrome. <i>European Journal of Medicinal Chemistry</i> , 2020, 199, 112395.	5.5	9
74	Tyrosine hydroxylase-positive fibers and neurons in transplanted striatal tissue in rats with quinolinic acid lesions of the striatum. <i>Brain Research Bulletin</i> , 1990, 25, 889-894.	3.0	8
75	Beneficial and adverse effects of antipsychotic medication on cognitive flexibility are related to COMT genotype in first episode psychosis. <i>Schizophrenia Research</i> , 2018, 202, 212-216.	2.0	7
76	Subarachnoid hemorrhage in C57BL/6J mice increases motor stereotypies and compulsive-like behaviors. <i>Neurological Research</i> , 2021, 43, 239-251.	1.3	6
77	Effects of the Partial M1 Muscarinic Cholinergic Receptor Agonist CDD-0102A on Stereotyped Motor Behaviors and Reversal Learning in the BTBR Mouse Model of Autism. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 64-74.	2.1	6
78	Acute Exacerbation of Sleep Apnea by Hyperoxia Impairs Cognitive Flexibility in Brown-Norway Rats. <i>Sleep</i> , 2014, 37, 1851-1861.	1.1	5
79	Role of the striatum in learning and memory. , 2007, , 355-379.		3
80	Catechol-O-methyltransferase genotype differentially contributes to the flexibility and stability of cognitive sets in patients with psychotic disorders and their first-degree relatives. <i>Schizophrenia Research</i> , 2020, 223, 236-241.	2.0	1
81	"Differential involvement of the dorsal anterior cingulate and prelimbic-infralimbic areas of the rodent prefrontal cortex in spatial working memory": Correction to Ragozzino et al. (1998).. <i>Behavioral Neuroscience</i> , 1998, 112, 747-747.	1.2	0
82	Muscarinic Cholinergic Receptor Agonists and Antagonists. , 2013, , 1-6.		0
83	Muscarinic Cholinergic Receptor Agonists and Antagonists. , 2015, , 1015-1019.		0