

# Michael E Ragozzino

## List of Publications by Year in descending order

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83  
papers

6,419  
citations

76031

42  
h-index

75989

78  
g-index

86  
all docs

86  
docs citations

86  
times ranked

5429  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.0	6
2	Subarachnoid hemorrhage in C57BL/6J mice increases motor stereotypies and compulsive-like behaviors. <i>Neurological Research</i> , 2021, 43, 239-251.	0.6	6
3	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.	1.1	1
4	Tandospirone, a Partial 5-HT1A Receptor Agonist, Administered Systemically or Into Anterior Cingulate Attenuates Repetitive Behaviors in Shank3B Mice. <i>International Journal of Neuropsychopharmacology</i> , 2020, 23, 533-542.	1.0	14
5	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.	2.6	9
6	Familiality of behavioral flexibility and response inhibition deficits in autism spectrum disorder (ASD). <i>Molecular Autism</i> , 2019, 10, 47.	2.6	20
7	Cognitive Flexibility Deficits Following 6-OHDA Lesions of the Rat Dorsomedial Striatum. <i>Neuroscience</i> , 2018, 374, 80-90.	1.1	51
8	The adenosine A <sub>2A</sub> 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.	2.1	28
9	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.	1.1	225
10	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.	1.1	7
11	Cognitive flexibility impairment and reduced frontal cortex BDNF expression in the ouabain model of mania. <i>Neuroscience</i> , 2017, 345, 229-242.	1.1	17
12	Cognitive flexibility: Development, disease and treatment. <i>Neuroscience</i> , 2017, 345, 1-2.	1.1	10
13	5HT <sub>2A</sub> receptor blockade in dorsomedial striatum reduces repetitive behaviors in BTBR mice. <i>Genes, Brain and Behavior</i> , 2017, 16, 342-351.	1.1	42
14	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.	1.0	21
15	M100907 attenuates elevated grooming behavior in the BTBR mouse. <i>Behavioural Brain Research</i> , 2016, 313, 67-70.	1.2	26
16	Relative Timing Between Kappa Opioid Receptor Activation and Cocaine Determines the Impact on Reward and Dopamine Release. <i>Neuropsychopharmacology</i> , 2016, 41, 989-1002.	2.8	44
17	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.	1.7	95
18	Regressing 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.	2.3	15

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19	Muscarinic Cholinergic Receptor Agonists and Antagonists. , 2015, , 1015-1019.		0
20	Oxotremorine treatment reduces repetitive behaviors in BTBR T+ tf/J mice. <i>Frontiers in Synaptic Neuroscience</i> , 2014, 6, 17.	1.3	27
21	Risperidone and the 5-HT <sub>2A</sub> Receptor Antagonist M100907 Improve Probabilistic Reversal Learning in BTBR T+tf/J Mice. <i>Autism Research</i> , 2014, 7, 555-567.	2.1	70
22	Determining striatal extracellular glutamate levels in xCT mutant mice using LFPS CE-LIF. <i>Analytical Methods</i> , 2014, 6, 2916-2922.	1.3	9
23	Contralateral disconnection of the rat prelimbic cortex and dorsomedial striatum impairs cue-guided behavioral switching. <i>Learning and Memory</i> , 2014, 21, 368-379.	0.5	53
24	The prelimbic cortex and subthalamic nucleus contribute to cue-guided behavioral switching. <i>Neurobiology of Learning and Memory</i> , 2014, 107, 65-78.	1.0	17
25	Acute Exacerbation of Sleep Apnea by Hyperoxia Impairs Cognitive Flexibility in Brown-Norway Rats. <i>Sleep</i> , 2014, 37, 1851-1861.	0.6	5
26	Brown Norway and Zucker Lean Rats Demonstrate Circadian Variation in Ventilation and Sleep Apnea. <i>Sleep</i> , 2014, 37, 715-721.	0.6	10
27	Reduced behavioral flexibility in autism spectrum disorders.. <i>Neuropsychology</i> , 2013, 27, 152-160.	1.0	207
28	Muscarinic Cholinergic Receptor Agonists and Antagonists. , 2013, , 1-6.		0
29	The selective serotonin reuptake inhibitor, escitalopram, enhances inhibition of prepotent responding and spatial reversal learning. <i>Journal of Psychopharmacology</i> , 2012, 26, 1443-1455.	2.0	46
30	The Selective M <sub>1</sub> Muscarinic Cholinergic Agonist CDD-0102A Enhances Working Memory and Cognitive Flexibility. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 340, 588-594.	1.3	47
31	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.	1.2	168
32	The effects of PRX-07034, a novel 5-HT <sub>6</sub> antagonist, on cognitive flexibility and working memory in rats. <i>Psychopharmacology</i> , 2012, 220, 687-696.	1.5	42
33	Human reversal learning under conditions of certain versus uncertain outcomes. <i>NeuroImage</i> , 2011, 56, 315-322.	2.1	48
34	Differential effects of 5-HT <sub>2A</sub> and 5-HT <sub>2C</sub> receptor blockade on strategy-switching. <i>Behavioural Brain Research</i> , 2011, 219, 123-131.	1.2	42
35	Primary food reward and reward-predictive stimuli evoke different patterns of phasic dopamine signaling throughout the striatum. <i>European Journal of Neuroscience</i> , 2011, 34, 1997-2006.	1.2	147
36	The Parafascicular Thalamic Nucleus Concomitantly Influences Behavioral Flexibility and Dorsomedial Striatal Acetylcholine Output in Rats. <i>Journal of Neuroscience</i> , 2010, 30, 14390-14398.	1.7	113

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37	Acetylcholine activity in selective striatal regions supports behavioral flexibility. <i>Neurobiology of Learning and Memory</i> , 2009, 91, 13-22.	1.0	110
38	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.	1.0	78
39	The effect of rat anterior cingulate inactivation on cognitive flexibility.. <i>Behavioral Neuroscience</i> , 2007, 121, 698-706.	0.6	56
40	VRX-03011, a novel 5-HT4 agonist, enhances memory and hippocampal acetylcholine efflux. <i>Neuropharmacology</i> , 2007, 53, 563-573.	2.0	86
41	Role of the striatum in learning and memory. , 2007, , 355-379.		3
42	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.	1.8	386
43	The effect of N-methyl-d-aspartate receptor blockade on acetylcholine efflux in the dorsomedial striatum during response reversal learning. <i>Neuroscience</i> , 2006, 143, 671-678.	1.1	32
44	The involvement of the orbitofrontal cortex in learning under changing task contingencies. <i>Neurobiology of Learning and Memory</i> , 2005, 83, 125-133.	1.0	165
45	The contribution of NMDA receptors in the dorsolateral striatum to egocentric response learning.. <i>Behavioral Neuroscience</i> , 2005, 119, 953-960.	0.6	48
46	Dynamic Changes in Acetylcholine Output in the Medial Striatum During Place Reversal Learning. <i>Learning and Memory</i> , 2004, 11, 70-77.	0.5	91
47	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.	1.2	74
48	The influence of NMDA receptors in the dorsomedial striatum on response reversal learning. <i>Neurobiology of Learning and Memory</i> , 2004, 82, 81-89.	1.0	73
49	The role of the prefrontal cortex in objectâ€‘place learning: a test of the attribute specificity model. <i>Behavioural Brain Research</i> , 2003, 146, 159-165.	1.2	57
50	Acetylcholine actions in the dorsomedial striatum support the flexible shifting of response patterns. <i>Neurobiology of Learning and Memory</i> , 2003, 80, 257-267.	1.0	79
51	The contribution of the rat prelimbic-infralimbic areas to different forms of task switching.. <i>Behavioral Neuroscience</i> , 2003, 117, 1054-1065.	0.6	134
52	The Effects of Dopamine D1 Receptor Blockade in the Prelimbic-Infralimbic Areas on Behavioral Flexibility. <i>Learning and Memory</i> , 2002, 9, 18-28.	0.5	155
53	Role of the dorsomedial striatum in behavioral flexibility for response and visual cue discrimination learning.. <i>Behavioral Neuroscience</i> , 2002, 116, 105-115.	0.6	248
54	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.	1.0	81

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55	Involvement of the dorsomedial striatum in behavioral flexibility: role of muscarinic cholinergic receptors. <i>Brain Research</i> , 2002, 953, 205-214.	1.1	185
56	Role of the dorsomedial striatum in behavioral flexibility for response and visual cue discrimination learning. <i>Behavioral Neuroscience</i> , 2002, 116, 105-15.	0.6	142
57	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.	1.0	79
58	The role of rat dorsomedial prefrontal cortex in working memory for egocentric responses. <i>Neuroscience Letters</i> , 2001, 308, 145-148.	1.0	61
59	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.	1.2	14
60	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.	1.7	523
61	Involvement of rodent prefrontal cortex subregions in strategy switching.. <i>Behavioral Neuroscience</i> , 1999, 113, 32-41.	0.6	216
62	Involvement of rodent prefrontal cortex subregions in strategy switching. <i>Behavioral Neuroscience</i> , 1999, 113, 32-41.	0.6	107
63	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.	1.2	59
64	The role of the agranular insular cortex in working memory for food reward value and allocentric space in rats. <i>Behavioural Brain Research</i> , 1998, 98, 103-112.	1.2	49
65	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.	1.0	65
66	"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.	0.6	0
67	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.	0.6	157
68	Modulation of Hippocampal Acetylcholine Release and Spontaneous Alternation Scores by Intrahippocampal Glucose Injections. <i>Journal of Neuroscience</i> , 1998, 18, 1595-1601.	1.7	195
69	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.	0.6	70
70	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.	3.3	293
71	Pyruvate infusions into the septal area attenuate spontaneous alternation impairments induced by intraseptal morphine injections.. <i>Behavioral Neuroscience</i> , 1995, 109, 1074-1080.	0.6	40
72	Acetylcholine release from dissociated striatal cells. <i>Brain Research</i> , 1995, 697, 271-275.	1.1	13

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73	Pyruvate infusions into the septal area attenuate spontaneous alternation impairments induced by intraseptal morphine injections. <i>Behavioral Neuroscience</i> , 1995, 109, 1074-80.	0.6	20
74	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.	1.1	57
75	Glucose attenuates the effect of combined muscarinic-nicotinic receptor blockade on spontaneous alternation. <i>European Journal of Pharmacology</i> , 1994, 256, 31-36.	1.7	36
76	Glucose enhancement of memory in patients with probable senile dementia of the Alzheimer's type. <i>Neurobiology of Aging</i> , 1993, 14, 523-528.	1.5	203
77	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.	1.1	69
78	Behavioral Effects of Neural Transplantation. <i>Cell Transplantation</i> , 1992, 1, 401-427.	1.2	18
79	Glucose effects on mecamylamine-induced memory deficits and decreases in locomotor activity in mice. <i>Behavioral and Neural Biology</i> , 1991, 56, 271-282.	2.3	24
80	Naloxone modulates the behavioral effects of cholinergic agonists and antagonists. <i>Psychopharmacology</i> , 1991, 105, 57-62.	1.5	32
81	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.	0.9	12
82	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.	1.4	8
83	Intraparenchymal Striatal Transplants Required for Maintenance of Behavioral Recovery in an Animal Model of Huntington's Disease. <i>Journal of Neural Transplantation</i> , 1989, 1, 23-31.	0.8	28