# Michael E Ragozzino

List of Publications by Year
in descending order



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|---|---|---|---|
| 83 papers | 6,419 citations | 66343 42 h-index | 66911 78 g-index |
| 86 all docs | 86 docs citations | 86 times ranked | 4908 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. International Journal of Neuropsychopharmacology, 2022, 25, 64-74. | 2.1 | 6 |
| 2 | Subarachnoid hemorrhage in C57BL/6J mice increases motor stereotypies and compulsive-like behaviors. Neurological Research, 2021, 43, 239-251. | 1.3 | 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. Schizophrenia Research, 2020, 223, 236-241. | 2.0 | 1 |
| 4 | Tandospirone, a Partial 5-HT1A Receptor Agonist, Administered Systemically or Into Anterior Cingulate Attenuates Repetitive Behaviors in Shank3B Mice. International Journal of Neuropsychopharmacology, 2020, 23, 533-542. | 2.1 | 14 |
| 5 | Privileged scaffold-based design to identify a novel drug-like 5-HT7 receptor-preferring agonist to target Fragile X syndrome. European Journal of Medicinal Chemistry, 2020, 199, 112395. | 5.5 | 9 |
| 6 | Familiality of behavioral flexibility and response inhibition deficits in autism spectrum disorder (ASD). Molecular Autism, 2019, 10, 47. | 4.9 | 20 |
| 7 | Cognitive Flexibility Deficits Following 6-OHDA Lesions of the Rat Dorsomedial Striatum. Neuroscience, 2018, 374, 80-90. | 2.3 | 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. Autism Research, 2018, 11, 223-233. | 3.8 | 28 |
| 9 | Chronic oral application of a periodontal pathogen results in brain inflammation, neurodegeneration and amyloid beta production in wild type mice. PLoS ONE, 2018, 13, e0204941. | 2.5 | 225 |
| 10 | Beneficial and adverse effects of antipsychotic medication on cognitive flexibility are related to COMT genotype in first episode psychosis. Schizophrenia Research, 2018, 202, 212-216. | 2.0 | 7 |
| 11 | Cognitive flexibility impairment and reduced frontal cortex BDNF expression in the ouabain model of mania. Neuroscience, 2017, 345, 229-242. | 2.3 | 17 |
| 12 | Cognitive flexibility: Development, disease and treatment. Neuroscience, 2017, 345, 1-2. | 2.3 | 10 |
| 13 | <scp>5HT<sub>2A</sub></scp> receptor blockade in dorsomedial striatum reduces repetitive behaviors in <scp>BTBR</scp> mice. Genes, Brain and Behavior, 2017, 16, 342-351. | 2.2 | 42 |
| 14 | Pedunculopontine tegmental nucleus lesions impair probabilistic reversal learning by reducing sensitivity to positive reward feedback. Neurobiology of Learning and Memory, 2016, 131, 1-8. | 1.9 | 21 |
| 15 | M100907 attenuates elevated grooming behavior in the BTBR mouse. Behavioural Brain Research, 2016, 313, 67-70. | 2.2 | 26 |
| 16 | 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 |
| 17 | Cognitive Set Shifting Deficits and Their Relationship to Repetitive Behaviors in Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2015, 45, 805-815. | 2.7 | 95 |
| 18 | Regressing to Prior Response Preference After Set Switching Implicates Striatal Dysfunction Across Psychotic Disorders: Findings From the B-SNIP Study. Schizophrenia Bulletin, 2015, 41, 940-950. | 4.3 | 15 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Muscarinic Cholinergic Receptor Agonists and Antagonists. , 2015, , 1015-1019. | | 0 |
| 20 | Oxotremorine treatment reduces repetitive behaviors in BTBR T+ tf/J mice. Frontiers in Synaptic Neuroscience, 2014, 6, 17. | 2.5 | 27 |
| 21 | Risperidone and the 5â€‹<scp>HT<sub>2A</sub></scp> Receptor Antagonist <scp>M</scp>100907 Improve Probabilistic Reversal Learning in <scp>BTBR Tâ€‰+â€‰tf</scp>/<scp>J</scp> Mice. Autism Research, 2014, 7, 555-567. | 3.8 | 70 |
| 22 | Determining striatal extracellular glutamate levels in xCT mutant mice using LFPS CE-LIF. Analytical Methods, 2014, 6, 2916-2922. | 2.7 | 9 |
| 23 | 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 |
| 24 | The prelimbic cortex and subthalamic nucleus contribute to cue-guided behavioral switching. Neurobiology of Learning and Memory, 2014, 107, 65-78. | 1.9 | 17 |
| 25 | Acute Exacerbation of Sleep Apnea by Hyperoxia Impairs Cognitive Flexibility in Brown-Norway Rats. Sleep, 2014, 37, 1851-1861. | 1.1 | 5 |
| 26 | Brown Norway and Zucker Lean Rats Demonstrate Circadian Variation in Ventilation and Sleep Apnea. Sleep, 2014, 37, 715-721. | 1.1 | 10 |
| 27 | Reduced behavioral flexibility in autism spectrum disorders.. Neuropsychology, 2013, 27, 152-160. | 1.3 | 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. Journal of Psychopharmacology, 2012, 26, 1443-1455. | 4.0 | 46 |
| 30 | The Selective M<sub>1</sub> Muscarinic Cholinergic Agonist CDD-0102A Enhances Working Memory and Cognitive Flexibility. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 588-594. | 2.5 | 47 |
| 31 | Differences in BTBR T+ tf/J and C57BL/6J mice on probabilistic reversal learning and stereotyped behaviors. Behavioural Brain Research, 2012, 227, 64-72. | 2.2 | 168 |
| 32 | The effects of PRX-07034, a novel 5-HT6 antagonist, on cognitive flexibility and working memory in rats. Psychopharmacology, 2012, 220, 687-696. | 3.1 | 42 |
| 33 | Human reversal learning under conditions of certain versus uncertain outcomes. NeuroImage, 2011, 56, 315-322. | 4.2 | 48 |
| 34 | Differential effects of 5-HT2A and 5-HT2C receptor blockade on strategy-switching. Behavioural Brain Research, 2011, 219, 123-131. | 2.2 | 42 |
| 35 | Primary food reward and rewardâ€predictive stimuli evoke different patterns of phasic dopamine signaling throughout the striatum. European Journal of Neuroscience, 2011, 34, 1997-2006. | 2.6 | 147 |
| 36 | The Parafascicular Thalamic Nucleus Concomitantly Influences Behavioral Flexibility and Dorsomedial Striatal Acetylcholine Output in Rats. Journal of Neuroscience, 2010, 30, 14390-14398. | 3.6 | 113 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Acetylcholine activity in selective striatal regions supports behavioral flexibility. Neurobiology of Learning and Memory, 2009, 91, 13-22. | 1.9 | 110 |
| 38 | Differential involvement of M1-type and M4-type muscarinic cholinergic receptors in the dorsomedial striatum in task switching. Neurobiology of Learning and Memory, 2008, 89, 114-124. | 1.9 | 78 |
| 39 | The effect of rat anterior cingulate inactivation on cognitive flexibility.. Behavioral Neuroscience, 2007, 121, 698-706. | 1.2 | 56 |
| 40 | VRX-03011, a novel 5-HT4 agonist, enhances memory and hippocampal acetylcholine efflux. Neuropharmacology, 2007, 53, 563-573. | 4.1 | 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. Annals of the New York Academy of Sciences, 2007, 1121, 355-375. | 3.8 | 386 |
| 43 | 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 |
| 44 | The involvement of the orbitofrontal cortex in learning under changing task contingencies. Neurobiology of Learning and Memory, 2005, 83, 125-133. | 1.9 | 165 |
| 45 | The contribution of NMDA receptors in the dorsolateral striatum to egocentric response learning.. Behavioral Neuroscience, 2005, 119, 953-960. | 1.2 | 48 |
| 46 | Dynamic Changes in Acetylcholine Output in the Medial Striatum During Place Reversal Learning. Learning and Memory, 2004, 11, 70-77. | 1.3 | 91 |
| 47 | Differential effects of M1 muscarinic receptor blockade and nicotinic receptor blockade in the dorsomedial striatum on response reversal learning. Behavioural Brain Research, 2004, 154, 245-253. | 2.2 | 74 |
| 48 | The influence of NMDA receptors in the dorsomedial striatum on response reversal learning. Neurobiology of Learning and Memory, 2004, 82, 81-89. | 1.9 | 73 |
| 49 | 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 |
| 50 | Acetylcholine actions in the dorsomedial striatum support the flexible shifting of response patterns. Neurobiology of Learning and Memory, 2003, 80, 257-267. | 1.9 | 79 |
| 51 | The contribution of the rat prelimbic-infralimbic areas to different forms of task switching.. Behavioral Neuroscience, 2003, 117, 1054-1065. | 1.2 | 134 |
| 52 | The Effects of Dopamine D1 Receptor Blockade in the Prelimbic-Infralimbic Areas on Behavioral Flexibility. Learning and Memory, 2002, 9, 18-28. | 1.3 | 155 |
| 53 | Role of the dorsomedial striatum in behavioral flexibility for response and visual cue discrimination learning.. Behavioral Neuroscience, 2002, 116, 105-115. | 1.2 | 248 |
| 54 | The Effects of Prelimbic and Infralimbic Lesions on Working Memory for Visual Objects in Rats. Neurobiology of Learning and Memory, 2002, 77, 29-43. | 1.9 | 81 |

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|---|---|---|---|
| 55 | Involvement of the dorsomedial striatum in behavioral flexibility: role of muscarinic cholinergic receptors. Brain Research, 2002, 953, 205-214. | 2.2 | 185 |
| 56 | Role of the dorsomedial striatum in behavioral flexibility for response and visual cue discrimination learning.. Behavioral Neuroscience, 2002, 116, 105-115. | 1.2 | 142 |
| 57 | Role of the Medial and Lateral Caudate-Putamen in Mediating an Auditory Conditional Response Association. Neurobiology of Learning and Memory, 2001, 76, 106-116. | 1.9 | 79 |
| 58 | The role of rat dorsomedial prefrontal cortex in working memory for egocentric responses. Neuroscience Letters, 2001, 308, 145-148. | 2.1 | 61 |
| 59 | The contribution of cholinergic and dopaminergic afferents in the rat prefrontal cortex to learning, memory, and attention. Cognitive, Affective and Behavioral Neuroscience, 2000, 28, 238-247. | 1.3 | 14 |
| 60 | Involvement of the Prelimbicâ€"Infralimbic Areas of the Rodent Prefrontal Cortex in Behavioral Flexibility for Place and Response Learning. Journal of Neuroscience, 1999, 19, 4585-4594. | 3.6 | 523 |
| 61 | Involvement of rodent prefrontal cortex subregions in strategy switching.. Behavioral Neuroscience, 1999, 113, 32-41. | 1.2 | 216 |
| 62 | Involvement of rodent prefrontal cortex subregions in strategy switching.. Behavioral Neuroscience, 1999, 113, 32-41. | 1.2 | 107 |
| 63 | Intra-amygdala infusions of scopolamine impair performance on a conditioned place preference task but not a spatial radial maze task. Behavioural Brain Research, 1998, 95, 219-226. | 2.2 | 59 |
| 64 | 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 |
| 65 | The Effects of Muscarinic Cholinergic Receptor Blockade in the Rat Anterior Cingulate and Prelimbic/Infralimbic Cortices on Spatial Working Memory. Neurobiology of Learning and Memory, 1998, 69, 241-257. | 1.9 | 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).. Behavioral Neuroscience, 1998, 112, 747-747. | 1.2 | 0 |
| 67 | Differential involvement of the dorsal anterior cingulate and prelimbicâ€"infralimbic areas of the rodent prefrontal cortex in spatial working memory.. Behavioral Neuroscience, 1998, 112, 293-303. | 1.2 | 157 |
| 68 | Modulation of Hippocampal Acetylcholine Release and Spontaneous Alternation Scores by Intrahippocampal Glucose Injections. Journal of Neuroscience, 1998, 18, 1595-1601. | 3.6 | 195 |
| 69 | Differential involvement of the dorsal anterior cingulate and prelimbic-infralimbic areas of the rodent prefrontal cortex in spatial working memory.. Behavioral Neuroscience, 1998, 112, 293-303. | 1.2 | 70 |
| 70 | Hippocampal acetylcholine release during memory testing in rats: augmentation by glucose.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 4693-4698. | 7.1 | 293 |
| 71 | Pyruvate infusions into the septal area attenuate spontaneous alternation impairments induced by intraseptal morphine injections.. Behavioral Neuroscience, 1995, 109, 1074-1080. | 1.2 | 40 |
| 72 | Acetylcholine release from dissociated striatal cells. Brain Research, 1995, 697, 271-275. | 2.2 | 13 |

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|---|---|---|---|
| 73 | Pyruvate infusions into the septal area attenuate spontaneous alternation impairments induced by intraseptal morphine injections.. Behavioral Neuroscience, 1995, 109, 1074-1080. | 1.2 | 20 |
| 74 | Glucose attenuates a morphine-induced decrease in hippocampal acetylcholine output: an in vivo microdialysis study in rats. Brain Research, 1994, 655, 77-82. | 2.2 | 57 |
| 75 | Glucose attenuates the effect of combined muscarinic-nicotinic receptor blockade on spontaneous alternation. European Journal of Pharmacology, 1994, 256, 31-36. | 3.5 | 36 |
| 76 | Glucose enhancement of memory in patients with probable senile dementia of the Alzheimer's type. Neurobiology of Aging, 1993, 14, 523-528. | 3.1 | 203 |
| 77 | Spontaneous alternation and inhibitory avoidance impairments with morphine injections into the medial septum. Attenuation by glucose administration. Brain Research, 1992, 597, 241-249. | 2.2 | 69 |
| 78 | Behavioral Effects of Neural Transplantation. Cell Transplantation, 1992, 1, 401-427. | 2.5 | 18 |
| 79 | Glucose effects on mecamylamine-induced memory deficits and decreases in locomotor activity in mice. Behavioral and Neural Biology, 1991, 56, 271-282. | 2.2 | 24 |
| 80 | Naloxone modulates the behavioral effects of cholinergic agonists and antagonists. Psychopharmacology, 1991, 105, 57-62. | 3.1 | 32 |
| 81 | Chapter 48 NADPH-Diaphorase-containing neurons and cytochrome oxidase activity following striatal quinolinic acid lesions and fetal striatal transplants. Progress in Brain Research, 1990, 82, 427-431. | 1.4 | 12 |
| 82 | Tyrosine hydroxylase-positive fibers and neurons in transplanted striatal tissue in rats with quinolinic acid lesions of the striatum. Brain Research Bulletin, 1990, 25, 889-894. | 3.0 | 8 |
| 83 | 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 |