

# Michael T Bowen

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,310  
citations

430874

18  
h-index

395702

33  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1568  
citing authors

#	ARTICLE	IF	CITATIONS
1	Breaking the loop: Oxytocin as a potential treatment for drug addiction. <i>Hormones and Behavior</i> , 2012, 61, 331-339.	2.1	236
2	Adolescent Oxytocin Exposure Causes Persistent Reductions in Anxiety and Alcohol Consumption and Enhances Sociability in Rats. <i>PLoS ONE</i> , 2011, 6, e27237.	2.5	123
3	High levels of intravenous mephedrone (4-methylmethcathinone) self-administration in rats: Neural consequences and comparison with methamphetamine. <i>Journal of Psychopharmacology</i> , 2013, 27, 823-836.	4.0	82
4	Oxytocin inhibits ethanol consumption and ethanol-induced dopamine release in the nucleus accumbens. <i>Addiction Biology</i> , 2017, 22, 702-711.	2.6	78
5	Mephedrone (4-methylmethcathinone, "meow"): acute behavioural effects and distribution of Fos expression in adolescent rats. <i>Addiction Biology</i> , 2012, 17, 409-422.	2.6	77
6	Oxytocin prevents ethanol actions at $\gamma$ subunit-containing GABA <sub>A</sub> receptors and attenuates ethanol-induced motor impairment in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3104-3109.	7.1	70
7	Rebalancing the Addicted Brain: Oxytocin Interference with the Neural Substrates of Addiction. <i>Trends in Neurosciences</i> , 2017, 40, 691-708.	8.6	70
8	An Australian nationwide survey on medicinal cannabis use for epilepsy: History of antiepileptic drug treatment predicts medicinal cannabis use. <i>Epilepsy and Behavior</i> , 2017, 70, 334-340.	1.7	55
9	Oxytocin and vasopressin modulate the social response to threat: a preclinical study. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1621-1633.	2.1	50
10	Predatory threat induces huddling in adolescent rats and residual changes in early adulthood suggestive of increased resilience. <i>Behavioural Brain Research</i> , 2011, 225, 405-414.	2.2	47
11	Defensive Aggregation (Huddling) in <i>Rattus Norvegicus</i> toward Predator Odor: Individual Differences, Social Buffering Effects and Neural Correlates. <i>PLoS ONE</i> , 2013, 8, e68483.	2.5	45
12	Oxytocin and vasopressin inhibit hyper-aggressive behaviour in socially isolated mice. <i>Neuropharmacology</i> , 2019, 156, 107573.	4.1	41
13	Aggregation in quads but not pairs of rats exposed to cat odor or bright light. <i>Behavioural Processes</i> , 2012, 90, 331-336.	1.1	34
14	Active coping toward predatory stress is associated with lower corticosterone and progesterone plasma levels and decreased methylation in the medial amygdala vasopressin system. <i>Hormones and Behavior</i> , 2014, 66, 561-566.	2.1	34
15	Cannabigerolic acid, a major biosynthetic precursor molecule in cannabis, exhibits divergent effects on seizures in mouse models of epilepsy. <i>British Journal of Pharmacology</i> , 2021, 178, 4826-4841.	5.4	32
16	Adolescent exposure to oxytocin, but not the selective oxytocin receptor agonist TGOT, increases social behavior and plasma oxytocin in adulthood. <i>Hormones and Behavior</i> , 2014, 65, 488-496.	2.1	31
17	Streamlined genetic education is effective in preparing women newly diagnosed with breast cancer for decision making about treatment-focused genetic testing: a randomized controlled noninferiority trial. <i>Genetics in Medicine</i> , 2017, 19, 448-456.	2.4	30
18	Gain-of-function <i>GABRB3</i> variants identified in vigabatrin-hypersensitive epileptic encephalopathies. <i>Brain Communications</i> , 2020, 2, fcaa162.	3.3	21

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19	Functional genomics of epilepsy-associated mutations in the GABAA receptor subunits reveal that one mutation impairs function and two are catastrophic. <i>Journal of Biological Chemistry</i> , 2019, 294, 6157-6171.	3.4	20
20	Does peripherally administered oxytocin enter the brain? Compelling new evidence in a long-running debate. <i>Pharmacological Research</i> , 2019, 146, 104325.	7.1	17
21	The Multidimensional Therapeutic Potential of Targeting the Brain Oxytocin System for the Treatment of Substance Use Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2017, 35, 269-287.	1.7	16
22	Rubbings deposited by cats elicit defensive behavior in rats. <i>Physiology and Behavior</i> , 2012, 107, 711-718.	2.1	15
23	Divergent pathways mediate 5-HT <sub>1A</sub> receptor agonist effects on close social interaction, grooming and aggressive behaviour in mice: Exploring the involvement of the oxytocin and vasopressin systems. <i>Journal of Psychopharmacology</i> , 2020, 34, 795-805.	4.0	13
24	Psychological outcomes and surgical decisions after genetic testing in women newly diagnosed with breast cancer with and without a family history. <i>European Journal of Human Genetics</i> , 2018, 26, 972-983.	2.8	12
25	Acute alcohol exposure dose-dependently alleviates social avoidance in adolescent mice and inhibits social investigation in adult mice. <i>Psychopharmacology</i> , 2019, 236, 3625-3639.	3.1	9
26	The influence of oxytocin-based interventions on sleep-wake and sleep-related behaviour and neurobiology: A systematic review of preclinical and clinical studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 1005-1026.	6.1	9
27	Understanding the complex pharmacology of cannabidiol: Mounting evidence suggests a common binding site with cholesterol. <i>Pharmacological Research</i> , 2021, 166, 105508.	7.1	8
28	Factors contributing to the escalation of alcohol consumption. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 730-756.	6.1	8
29	A nutraceutical product, extracted from <i>Cannabis sativa</i> , modulates voltage-gated sodium channel function. <i>Journal of Cannabis Research</i> , 2022, 4, .	3.2	7
30	Cannabichromene and $\delta^9$ -Tetrahydrocannabinolic Acid Identified as Lactate Dehydrogenase-A Inhibitors by <i>in Silico</i> and <i>in Vitro</i> Screening. <i>Journal of Natural Products</i> , 2021, 84, 1469-1477.	3.0	6
31	Editorial: The Oxytocin System in Fear, Stress, Anguish, and Pain. <i>Frontiers in Endocrinology</i> , 2021, 12, 737953.	3.5	5
32	Comparing Fingerprints for Ligand-Based Virtual Screening: A Fast and Scalable Approach for Unbiased Evaluation. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 4536-4545.	5.4	4
33	Oxytocin and addiction. , 0, , 270-287.		2
34	Sucrose intake by rats affected by both intraperitoneal oxytocin administration and time of day. <i>Psychopharmacology</i> , 2022, 239, 429-442.	3.1	2
35	Miscellaneous Hormones. <i>Side Effects of Drugs Annual</i> , 2014, 36, 659-673.	0.6	0