

# Gerard M Moloney

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

6,010  
citations

218677

26  
h-index

138484

58  
g-index

66  
all docs

66  
docs citations

66  
times ranked

7181  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Microbiota-Gut-Brain Axis. <i>Physiological Reviews</i> , 2019, 99, 1877-2013.	28.8	2,304
2	Transferring the blues: Depression-associated gut microbiota induces neurobehavioural changes in the rat. <i>Journal of Psychiatric Research</i> , 2016, 82, 109-118.	3.1	1,130
3	Microbiota-related Changes in Bile Acid & Tryptophan Metabolism are Associated with Gastrointestinal Dysfunction in a Mouse Model of Autism. <i>EBioMedicine</i> , 2017, 24, 166-178.	6.1	261
4	Omega-3 polyunsaturated fatty acids critically regulate behaviour and gut microbiota development in adolescence and adulthood. <i>Brain, Behavior, and Immunity</i> , 2017, 59, 21-37.	4.1	195
5	Revisiting Metchnikoff: Age-related alterations in microbiota-gut-brain axis in the mouse. <i>Brain, Behavior, and Immunity</i> , 2017, 65, 20-32.	4.1	158
6	The microbiome regulates amygdala-dependent fear recall. <i>Molecular Psychiatry</i> , 2018, 23, 1134-1144.	7.9	146
7	Microbial regulation of microRNA expression in the amygdala and prefrontal cortex. <i>Microbiome</i> , 2017, 5, 102.	11.1	133
8	Microbiota from young mice counteracts selective age-associated behavioral deficits. <i>Nature Aging</i> , 2021, 1, 666-676.	11.6	132
9	Short chain fatty acids: Microbial metabolites for gut-brain axis signalling. <i>Molecular and Cellular Endocrinology</i> , 2022, 546, 111572.	3.2	117
10	Mid-life microbiota crises: middle age is associated with pervasive neuroimmune alterations that are reversed by targeting the gut microbiome. <i>Molecular Psychiatry</i> , 2020, 25, 2567-2583.	7.9	102
11	MicroRNAs as biomarkers for major depression: a role for let-7b and let-7c. <i>Translational Psychiatry</i> , 2016, 6, e862-e862.	4.8	100
12	Gamma-aminobutyric acid-producing lactobacilli positively affect metabolism and depressive-like behaviour in a mouse model of metabolic syndrome. <i>Scientific Reports</i> , 2019, 9, 16323.	3.3	100
13	Molecular biomarkers of depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 64, 101-133.	6.1	97
14	Social interaction-induced activation of RNA splicing in the amygdala of microbiome-deficient mice. <i>ELife</i> , 2018, 7, .	6.0	73
15	Toll-Like Receptor 4 Regulates Chronic Stress-Induced Visceral Pain in Mice. <i>Biological Psychiatry</i> , 2014, 76, 340-348.	1.3	66
16	Enduring Behavioral Effects Induced by Birth by Caesarean Section in the Mouse. <i>Current Biology</i> , 2020, 30, 3761-3774.e6.	3.9	65
17	Downregulation of Umbilical Cord Blood Levels of miR-374a in Neonatal Hypoxic Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2015, 167, 269-273.e2.	1.8	59
18	Volatility as a Concept to Understand the Impact of Stress on the Microbiome. <i>Psychoneuroendocrinology</i> , 2021, 124, 105047.	2.7	54

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19	Faecal microRNAs: indicators of imbalance at the host-microbe interface?. <i>Beneficial Microbes</i> , 2018, 9, 175-183.	2.4	48
20	Resilience to chronic stress is associated with specific neurobiological, neuroendocrine and immune responses. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 583-594.	4.1	45
21	Microbial regulation of hippocampal miRNA expression: Implications for transcription of kynurenine pathway enzymes. <i>Behavioural Brain Research</i> , 2017, 334, 50-54.	2.2	44
22	Deficiency of essential dietary n-3 PUFA disrupts the caecal microbiome and metabolome in mice. <i>British Journal of Nutrition</i> , 2017, 118, 959-970.	2.3	40
23	Thinking small: towards microRNA-based therapeutics for anxiety disorders. <i>Expert Opinion on Investigational Drugs</i> , 2015, 24, 529-542.	4.1	36
24	Exposure to Hypertensive Disorders of Pregnancy Increases the Risk of Autism Spectrum Disorder in Affected Offspring. <i>Molecular Neurobiology</i> , 2018, 55, 5557-5564.	4.0	34
25	Validation of Altered Umbilical Cord Blood MicroRNA Expression in Neonatal Hypoxic-Ischemic Encephalopathy. <i>JAMA Neurology</i> , 2019, 76, 333.	9.0	32
26	Use of bioluminescence imaging to track neutrophil migration and its inhibition in experimental colitis. <i>Clinical and Experimental Immunology</i> , 2010, 162, 188-196.	2.6	30
27	Strain differences in the susceptibility to the gut-brain axis and neurobehavioural alterations induced by maternal immune activation in mice. <i>Behavioural Pharmacology</i> , 2018, 29, 181-198.	1.7	28
28	The immune-kynurenine pathway in social anxiety disorder. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 317-326.	4.1	27
29	Maternal antibiotic administration during a critical developmental window has enduring neurobehavioural effects in offspring mice. <i>Behavioural Brain Research</i> , 2021, 404, 113156.	2.2	26
30	Microbially-derived short-chain fatty acids impact astrocyte gene expression in a sex-specific manner. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2021, 16, 100318.	2.5	26
31	The role of the microbiota in acute stress-induced myeloid immune cell trafficking. <i>Brain, Behavior, and Immunity</i> , 2020, 84, 209-217.	4.1	25
32	Improvements in sleep indices during exam stress due to consumption of a <i>Bifidobacterium longum</i> . <i>Brain, Behavior, &amp; Immunity - Health</i> , 2021, 10, 100174.	2.5	25
33	Adult-born neurons from the dorsal, intermediate, and ventral regions of the longitudinal axis of the hippocampus exhibit differential sensitivity to glucocorticoids. <i>Molecular Psychiatry</i> , 2020, 26, 3240-3252.	7.9	21
34	Bcl-3 deficiency protects against dextran-sodium sulphate-induced colitis in the mouse. <i>Clinical and Experimental Immunology</i> , 2013, 173, 332-342.	2.6	20
35	Microbial regulation of microRNA expression in the brain-gut axis. <i>Current Opinion in Pharmacology</i> , 2019, 48, 120-126.	3.5	16
36	Naturally Derived Polyphenols Protect Against Corticosterone-Induced Changes in Primary Cortical Neurons. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 765-777.	2.1	16

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37	Early-life oxytocin attenuates the social deficits induced by caesarean-section delivery in the mouse. <i>Neuropsychopharmacology</i> , 2021, 46, 1958-1968.	5.4	16
38	Activation of liver X receptor suppresses the production of the IL-12 family of cytokines by blocking nuclear translocation of NF- $\kappa$ Bp50. <i>Innate Immunity</i> , 2014, 20, 675-687.	2.4	15
39	Epistatic and Independent Effects on Schizophrenia-Related Phenotypes Following Co-disruption of the Risk Factors Neuregulin-1 & DISC1. <i>Schizophrenia Bulletin</i> , 2017, 43, 214-225.	4.3	15
40	Technical Advance: Function and efficacy of an $\alpha$ 4-integrin antagonist using bioluminescence imaging to detect leukocyte trafficking in murine experimental colitis. <i>Journal of Leukocyte Biology</i> , 2010, 88, 1271-1278.	3.3	14
41	The orphan nuclear receptor TLX regulates hippocampal transcriptome changes induced by IL-1 $\beta$ . <i>Brain, Behavior, and Immunity</i> , 2018, 70, 268-279.	4.1	14
42	A prospective study of C-reactive protein as a state marker in Cardiac Syndrome X. <i>Brain, Behavior, and Immunity</i> , 2015, 43, 27-32.	4.1	12
43	Strain differences in behaviour and immunity in aged mice: Relevance to Autism. <i>Behavioural Brain Research</i> , 2021, 399, 113020.	2.2	12
44	Differential gene expression in the mesocorticolimbic system of innately high- and low-impulsive rats. <i>Behavioural Brain Research</i> , 2019, 364, 193-204.	2.2	10
45	Altered stress responses in adults born by Caesarean section. <i>Neurobiology of Stress</i> , 2022, 16, 100425.	4.0	10
46	Specific sub-regions along the longitudinal axis of the hippocampus mediate antidepressant-like behavioral effects. <i>Neurobiology of Stress</i> , 2021, 14, 100331.	4.0	9
47	A role for the orphan nuclear receptor TLX in the interaction between neural precursor cells and microglia. <i>Neuronal Signaling</i> , 2019, 3, NS20180177.	3.2	8
48	TLX knockdown in the dorsal dentate gyrus of juvenile rats differentially affects adolescent and adult behaviour. <i>Behavioural Brain Research</i> , 2019, 360, 36-50.	2.2	7
49	Acute stress increases monocyte levels and modulates receptor expression in healthy females. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 463-468.	4.1	7
50	The impact of psychosocial defeat stress on the bed nucleus of the stria terminalis transcriptome in adult male mice. <i>European Journal of Neuroscience</i> , 2022, 55, 67-77.	2.6	7
51	NME1 Protects Against Neurotoxin-, $\alpha$ -Synuclein- and LRRK2-Induced Neurite Degeneration in Cell Models of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2022, 59, 61-76.	4.0	6
52	Chronic P-glycoprotein inhibition increases the brain concentration of escitalopram: potential implications for treating depression. <i>Pharmacology Research and Perspectives</i> , 2015, 3, e00190.	2.4	5
53	Enduring effects of muscarinic receptor activation on adult hippocampal neurogenesis, microRNA expression and behaviour. <i>Behavioural Brain Research</i> , 2019, 362, 188-198.	2.2	3
54	Sa1870 MiR-375 is a Key Regulator of Intestinal Homeostasis in Response to Inflammatory Stress. <i>Gastroenterology</i> , 2012, 142, S-346.	1.3	2

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55	â€œDigging in the Dirtâ€-faecal microRNAs as dietary biomarkers of host-microbe interactions. <i>Hepatobiliary Surgery and Nutrition</i> , 2022, 11, 292-294.	1.5	2
56	Mo1098 Differential Expression of Epigenetic Modifier Genes in Inflammatory Bowel Disease Colonic Tissue - PRDM1 and PRDM8 are up-Regulated in Active Ulcerative Colitis. <i>Gastroenterology</i> , 2012, 142, S-595.	1.3	1
57	Su2044 Evidence of on-Going Activation of the CXCR3 Chemokine System in Irritable Bowel Syndrome (IBS). <i>Gastroenterology</i> , 2014, 146, S-530-S-531.	1.3	1
58	742 Modification of Lymphocyte Trafficking in An In Vivo Model of IBD Following Administration of a Novel Alpha 4 Integrin Antagonist. <i>Gastroenterology</i> , 2008, 134, A-107.	1.3	0
59	S1652 The Effect of the Farnesoid X Receptor (FXR) and It's Agonist - GSK488062B - On Experimental Models of Colitis and Cytokine Production from IBD Tissue. <i>Gastroenterology</i> , 2009, 136, A-243.	1.3	0
60	Stimulation of T-Cells in Irritable Bowel Syndrome (IBS) Mucosal Biopsy Tissue Releases Cytokines Which Selectively Activate Submucosal Neurons. <i>Gastroenterology</i> , 2011, 140, S-129.	1.3	0
61	Tu1969 Elevated Expression of the Cytosolic DNA Sensors AIM2 and ZBP1/DAI in Active Ulcerative Colitis but Not Crohn's Disease Colonic Tissue. <i>Gastroenterology</i> , 2012, 142, S-889.	1.3	0
62	Su2001 Altered Expression and Activation of the CXCR3/CXCL10 Chemokine System in Irritable Bowel Syndrome (IBS) Mucosal Biopsy Tissue. <i>Gastroenterology</i> , 2012, 142, S-557.	1.3	0
63	Tu1430 The Role of IL-9/IL9r in Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2012, 142, S-830.	1.3	0
64	Su1939 Neuro-Immune Changes in IBS: A Link Between Microbiota, TLRs and Sensory-Related Markers?. <i>Gastroenterology</i> , 2016, 150, S594.	1.3	0