Melanie G Gareau

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/482585/publications.pdf

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57	4,485	201674	214800
papers	citations	27 h-index	47 g-index

61	61	61	6463
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bacterial infection causes stress-induced memory dysfunction in mice. Gut, 2011, 60, 307-317.	12.1	723
2	Probiotics and the gut microbiota in intestinal health and disease. Nature Reviews Gastroenterology and Hepatology, 2010, 7, 503-514.	17.8	722
3	Probiotic treatment of rat pups normalises corticosterone release and ameliorates colonic dysfunction induced by maternal separation. Gut, 2007, 56, 1522-1528.	12.1	387
4	Intestinal Lactobacillus in health and disease, a driver or just along for the ride?. Current Opinion in Biotechnology, 2018, 49, 140-147.	6.6	251
5	Pathophysiological Mechanisms of Stress-Induced Intestina Damage. Current Molecular Medicine, 2008, 8, 274-281.	1.3	242
6	Neonatal maternal separation predisposes adult rats to colonic barrier dysfunction in response to mild stress. American Journal of Physiology - Renal Physiology, 2002, 283, G1257-G1263.	3.4	204
7	Lactobacillus rhamnosus GG attenuates interferon-Î³ and tumour necrosis factor-Î±-induced barrier dysfunction and pro-inflammatory signalling. Microbiology (United Kingdom), 2010, 156, 3288-3297.	1.8	176
8	Neonatal maternal separation of rat pups results in abnormal cholinergic regulation of epithelial permeability. American Journal of Physiology - Renal Physiology, 2007, 293, G198-G203.	3.4	128
9	Neonatal Maternal Separation Causes Colonic Dysfunction in Rat Pups Including Impaired Host Resistance. Pediatric Research, 2006, 59, 83-88.	2.3	127
10	Microbiota-Gut-Brain Axis and Cognitive Function. Advances in Experimental Medicine and Biology, 2014, 817, 357-371.	1.6	125
11	Probiotics normalize the gut-brain-microbiota axis in immunodeficient mice. American Journal of Physiology - Renal Physiology, 2014, 307, G793-G802.	3.4	114
12	Modulation of the microbiota-gut-brain axis by probiotics in a murine model of inflammatory bowel disease. American Journal of Physiology - Renal Physiology, 2016, 310, G989-G998.	3.4	107
13	Thymic Stromal Lymphopoetin-Induced Expression of the Endogenous Inhibitory Enzyme SLPI Mediates Recovery from Colonic Inflammation. Immunity, 2011, 35, 223-235.	14.3	97
14	High Fat Diet Causes Depletion of Intestinal Eosinophils Associated with Intestinal Permeability. PLoS ONE, 2015, 10, e0122195.	2.5	97
15	Strain-specific probiotic (Lactobacillus helveticus) inhibition ofCampylobacter jejuniÃ¢Â€Âƒinvasion of human intestinal epithelial cells. FEMS Microbiology Letters, 2009, 300, 146-152.	1.8	93
16	Cognitive Function and the Microbiome. International Review of Neurobiology, 2016, 131, 227-246.	2.0	83
17	Visceral pain: gut microbiota, a new hope?. Journal of Biomedical Science, 2018, 25, 73.	7.0	67
18	Probiotics Are Effective for the Prevention and Treatment of Citrobacter rodentiumâ€“Induced Colitis in Mice. Journal of Infectious Diseases, 2012, 206, 99-109.	4.0	65

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19	Myelin as a regulator of development of the microbiota-gut-brain axis. Brain, Behavior, and Immunity, 2021, 91, 437-450.	4.1	59
20	Neuroanatomy of the spleen: Mapping the relationship between sympathetic neurons and lymphocytes. PLoS ONE, 2017, 12, e0182416.	2.5	57
21	TLR3, TRIF, and Caspase 8 Determine Double-Stranded RNA-Induced Epithelial Cell Death and Survival In Vivo. Journal of Immunology, 2013, 190, 418-427.	0.8	56
22	Nodâ€like receptors are critical for gutâ€“brain axis signalling in mice. Journal of Physiology, 2019, 597, 5777-5797.	2.9	48
23	Probiotics Prevent Death Caused byCitrobacter rodentiumInfection in Neonatal Mice. Journal of Infectious Diseases, 2010, 201, 81-91.	4.0	47
24	Developmental exposure to polychlorinated biphenyls (PCBs) in the maternal diet causes host-microbe defects in weanling offspring mice. Environmental Pollution, 2019, 253, 708-721.	7.5	47
25	T-cell derived acetylcholine aids host defenses during enteric bacterial infection with Citrobacter rodentium. PLoS Pathogens, 2019, 15, e1007719.	4.7	36
26	Human evolutionary loss of epithelial Neu5Gc expression and species-specific susceptibility to cholera. PLoS Pathogens, 2018, 14, e1007133.	4.7	33
27	Targeting the Microbiota, From Irritable Bowel Syndrome to Mood Disorders: Focus on Probiotics and Prebiotics. Current Pathobiology Reports, 2018, 6, 1-13.	3.4	32
28	A murine model of pediatric inflammatory bowel disease causes microbiota-gut-brain axis deficits in adulthood. American Journal of Physiology - Renal Physiology, 2020, 319, G361-G374.	3.4	27
29	Microbiota-immune interactions: from gut to brain. LymphoSign Journal, 2020, 7, 1-23.	0.2	24
30	Rac2-Deficiency Leads to Exacerbated and Protracted Colitis in Response to Citrobacter rodentium Infection. PLoS ONE, 2013, 8, e61629.	2.5	22
31	Osteopontin Mediates Citrobacter rodentium-Induced Colonic Epithelial Cell Hyperplasia and Attaching-Effacing Lesions. American Journal of Pathology, 2010, 177, 1320-1332.	3.8	20
32	Region-Specific Cell Membrane N-Glycome of Functional Mouse Brain Areas Revealed by nanoLC-MS Analysis. Molecular and Cellular Proteomics, 2021, 20, 100130.	3.8	19
33	Fluid and electrolyte secretion in the inflamed gut: novel targets for treatment of inflammation-induced diarrhea. Current Opinion in Pharmacology, 2013, 13, 895-899.	3.5	18
34	Topical Fluoxetine as a Novel Therapeutic That Improves Wound Healing in Diabetic Mice. Diabetes, 2019, 68, 1499-1507.	0.6	18
35	Role of pattern recognition receptors and the microbiota in neurological disorders. Journal of Physiology, 2021, 599, 1379-1389.	2.9	17
36	The role of the gut microbiome in mediating neurotoxic outcomes to PCB exposure. NeuroToxicology, 2019, 75, 30-40.	3.0	15

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37	Microbiomeâ€skinâ€brain axis: A novel paradigm for cutaneous wounds. Wound Repair and Regeneration, 2020, 28, 282-292.	3.0	12
38	Sensory Nociceptive Neurons Contribute to Host Protection During Enteric Infection With Citrobacter rodentium. Journal of Infectious Diseases, 2020, 221, 1978-1988.	4.0	12
39	EnteropathogenicÂEscherichia coliÂInfection Inhibits Intestinal Ascorbic Acid Uptake via Dysregulation of Its Transporter Expression. Digestive Diseases and Sciences, 2021, 66, 2250-2260.	2.3	11
40	Early Life Stress Induces Both Acute and Chronic Colonic Barrier Dysfunction. NeoReviews, 2009, 10, e191-e197.	0.8	9
41	Neonatal Enteropathogenic Escherichia coli Infection Disrupts Microbiota-Gut-Brain Axis Signaling. Infection and Immunity, 2021, 89, e0005921.	2.2	9
42	Perfluoroalkyl substances are increased in patients with late-onset ulcerative colitis and induce intestinal barrier defectsex vivoin murine intestinal tissue. Scandinavian Journal of Gastroenterology, 2021, 56, 1286-1295.	1.5	8
43	Enterohaemorrhagic, but not enteropathogenic, Escherichia coli infection of epithelial cells disrupts signalling responses to tumour necrosis factor-alpha. Microbiology (United Kingdom), 2011, 157, 2963-2973.	1.8	7
44	Skin-brain axis signaling mediates behavioral changes after skin wounding. Brain, Behavior, & Immunity - Health, 2021, 15, 100279.	2.5	6
45	Diet and nerves: the impact of maternal feeding on newborn intestinal permeability. Journal of Physiology, 2011, 589, 4091-4091.	2.9	3
46	Sexually Dimorphic Influence of Neonatal Antibiotics on Bone. Journal of Orthopaedic Research, 2019, 37, 2122-2129.	2.3	3
47	System Metaglycomes: Mapping Dynamic Cell Surface Nâ€glycome, Oâ€glycome and Glycolipidome by Mass Spectrometry. FASEB Journal, 2018, 32, 673.11.	0.5	1
48	16416 Cutaneous wounds and wound infection affect cognition and behavior in mice. Journal of the American Academy of Dermatology, 2020, 83, AB178.	1.2	0
49	Shaping the future of physiology. Journal of Physiology, 2020, 598, 2511-2512.	2.9	0
50	Probiotics prevent death caused by Citrobacter rodentium infection in neonatal mice via T cells. FASEB Journal, 2009, 23, 978.5.	0.5	0
51	Psychological Stress and Changes in the Intestinal Microflora Impact Memory in Mice. FASEB Journal, 2010, 24, 1012.2.	0.5	0
52	The precipitation of behavioral defects due to inflammation in the DSS mouse model of colitis (LB748). FASEB Journal, 2014, 28, LB748.	0.5	0
53	Administration of Probiotics Normalizes Deficits in the Microbiotaâ€Gutâ€Brain Axis Induced by DSSâ€Colitis. FASEB Journal, 2015, 29, 1010.1.	0.5	0
54	Nod1/Nod2 Receptors Modulate the Microbiotaâ€Gutâ€Brain Axis. FASEB Journal, 2015, 29, 857.4.	0.5	0

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55	NODâ€like Receptors: Novel Regulators of the Microbiotaâ€Gutâ€Brain Axis in Mice. FASEB Journal, 2018, 32, .	0.5	0
56	Development of the Microbiotaâ€“Gutâ€“Brain Axis in Early Life. , 2021, , 23-47.		0
57	In response to the letter by BOSTANCIKLIOGLU. Brain, Behavior, and Immunity, 2022, 101, 59.	4.1	0