Laura M Cox

List of Publications by Year
in descending order

39 papers	8,658 citations	201674 27 h-index	289244 40 g-index
45 all docs	45 docs citations	45 times ranked	12069 citing authors

#	Article	IF	Citations
1	The microbiota restrains neurodegenerative microglia in a model of amyotrophic lateral sclerosis. Microbiome, 2022, 10, 47.	11.1	17
2	Clostridium bolteae is elevated in neuromyelitis optica spectrum disorder in India and shares sequence similarity with AQP4. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	6.0	26
3	Gut Microbiome in Progressive Multiple Sclerosis. Annals of Neurology, 2021, 89, 1195-1211.	5.3	115
4	Regulation of splenic monocyte homeostasis and function by gut microbial products. IScience, 2021, 24, 102356.	4.1	10
5	Self-tunable engineered yeast probiotics for the treatment of inflammatory bowel disease. Nature Medicine, 2021, 27, 1212-1222.	30.7	124
6	PD-L1+ and XCR1+ dendritic cells are region-specific regulators of gut homeostasis. Nature Communications, 2021, 12, 4907.	12.8	18
7	The microbiome requires a genetically susceptible host to induce central nervous system autoimmunity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27764-27766.	7.1	5
8	The gut microbiota influences skeletal muscle mass and function in mice. Science Translational Medicine, 2019, 11, .	12.4	271
9	Distinct Polysaccharide Utilization Profiles of Human Intestinal Prevotella copri Isolates. Cell Host and Microbe, 2019, 26, 680-690.e5.	11.0	115
10	The sex-specific interaction of the microbiome in neurodegenerative diseases. Brain Research, 2019, 1724, 146385.	2.2	29
11	Latent-period stool proteomic assay of multiple sclerosis model indicates protective capacity of host-expressed protease inhibitors. Scientific Reports, 2019, 9, 12460.	3.3	10
12	Mucosal tolerance therapy in humans: Past and future. Clinical and Experimental Neuroimmunology, 2019, 10, 20-31.	1.0	7
13	Calorie restriction slows age-related microbiota changes in an Alzheimerâ€™s disease model in female mice. Scientific Reports, 2019, 9, 17904.	3.3	86
14	Oral Administration of miR-30d from Feces of MS Patients Suppresses MS-like Symptoms in Mice by Expanding Akkermansia muciniphila. Cell Host and Microbe, 2019, 26, 779-794.e8.	11.0	118
15	A probiotic modulates the microbiome and immunity in multiple sclerosis. Annals of Neurology, 2018, 83, 1147-1161.	5.3	158
16	Microbiota Signaling Pathways that Influence Neurologic Disease. Neurotherapeutics, 2018, 15, 135-145.	4.4	127
17	Investigation of probiotics in multiple sclerosis. Multiple Sclerosis Journal, 2018, 24, 58-63.	3.0	112
18	Acute microglia ablation induces neurodegeneration in the somatosensory system. Nature Communications, 2018, 9, 4578.	12.8	55

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19	Intergenerational transfer of antibiotic-perturbed microbiota enhances colitis in susceptible mice. Nature Microbiology, 2018, 3, 234-242.	13.3	118
20	Prevalence of Fusobacterium necrophorum in Children Presenting with Pharyngitis. Journal of Clinical Microbiology, 2017, 55, 1147-1153.	3.9	22
21	Characterization of the Gastric Microbiota in a Pediatric Population According to Helicobacter pylori Status. Pediatric Infectious Disease Journal, 2017, 36, 173-178.	2.0	71
22	A multivariate distanceâ€based analytic framework for microbial interdependence association test in longitudinal study. Genetic Epidemiology, 2017, 41, 769-778.	1.3	31
23	Description of two novel members of the family Erysipelotrichaceae: Ileibacterium valens gen. nov., sp. nov. and Dubosiella newyorkensis, gen. nov., sp. nov., from the murine intestine, and emendation to the description of Faecalibacterium rodentium. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 1247-1254.	1.7	81
24	Antibiotics shape microbiota and weight gain across the animal kingdom. Animal Frontiers, 2016, 6, 8-14.	1.7	15
25	544 Antibiotic Altered Microbiota From the Mother Accelerates Development of Colitis in IL-10 Deficient Mice. Gastroenterology, 2016, 150, S114.	1.3	0
26	Combination of Mass Cytometry and Imaging Analysis RevealsÂOrigin, Location, and Functional Repopulation ofÂLiverÂMyeloid Cells in Mice. Gastroenterology, 2016, 151, 1176-1191.	1.3	173
27	Alterations of the human gut microbiome in multiple sclerosis. Nature Communications, 2016, 7, 12015.	12.8	957
28	Gastric Helicobacter pylori Infection Affects Local and Distant Microbial Populations and Host Responses. Cell Reports, 2016, 14, 1395-1407.	6.4	122
29	Partial restoration of the microbiota of cesarean-born infants via vaginal microbial transfer. Nature Medicine, 2016, 22, 250-253.	30.7	736
30	Metabolic and metagenomic outcomes from early-life pulsed antibiotic treatment. Nature Communications, 2015, 6, 7486.	12.8	317
31	Antibiotics in early life and obesity. Nature Reviews Endocrinology, 2015, 11, 182-190.	9.6	427
32	Helminth Colonization Is Associated with Increased Diversity of the Gut Microbiota. PLoS Neglected Tropical Diseases, 2014, 8, e2880.	3.0	353
33	Altering the Intestinal Microbiota during a Critical Developmental Window Has Lasting Metabolic Consequences. Cell, 2014, 158, 705-721.	28.9	1,493
34	Association of caesarean delivery with child adiposity from age 6 weeks to 15 years. International Journal of Obesity, 2013, 37, 900-906.	3.4	189
35	The nonfermentable dietary fiber hydroxypropyl methylcellulose modulates intestinal microbiota. FASEB Journal, 2013, 27, 692-702.	0.5	78
36	Pathways in Microbe-Induced Obesity. Cell Metabolism, 2013, 17, 883-894.	16.2	240

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37	Infant antibiotic exposures and early-life body mass. International Journal of Obesity, 2013, 37, 16-23.	3.4	417
38	Impaired Fitness of Mycobacterium africanum Despite Secretion of ESAT-6. Journal of Infectious Diseases, 2012, 205, 984-990.	4.0	39
39	Antibiotics in early life alter the murine colonic microbiome and adiposity. Nature, 2012, 488, 621-626.	27.8	1,358