

Laura M Cox

List of Publications by Year in descending order

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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	Altering the Intestinal Microbiota during a Critical Developmental Window Has Lasting Metabolic Consequences. <i>Cell</i> , 2014, 158, 705-721.	28.9	1,493
2	Antibiotics in early life alter the murine colonic microbiome and adiposity. <i>Nature</i> , 2012, 488, 621-626.	27.8	1,358
3	Alterations of the human gut microbiome in multiple sclerosis. <i>Nature Communications</i> , 2016, 7, 12015.	12.8	957
4	Partial restoration of the microbiota of cesarean-born infants via vaginal microbial transfer. <i>Nature Medicine</i> , 2016, 22, 250-253.	30.7	736
5	Antibiotics in early life and obesity. <i>Nature Reviews Endocrinology</i> , 2015, 11, 182-190.	9.6	427
6	Infant antibiotic exposures and early-life body mass. <i>International Journal of Obesity</i> , 2013, 37, 16-23.	3.4	417
7	Helminth Colonization Is Associated with Increased Diversity of the Gut Microbiota. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2880.	3.0	353
8	Metabolic and metagenomic outcomes from early-life pulsed antibiotic treatment. <i>Nature Communications</i> , 2015, 6, 7486.	12.8	317
9	The gut microbiota influences skeletal muscle mass and function in mice. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	271
10	Pathways in Microbe-Induced Obesity. <i>Cell Metabolism</i> , 2013, 17, 883-894.	16.2	240
11	Association of caesarean delivery with child adiposity from age 6 weeks to 15 years. <i>International Journal of Obesity</i> , 2013, 37, 900-906.	3.4	189
12	Combination of Mass Cytometry and Imaging Analysis Reveals Origin, Location, and Functional Repopulation of Liver Myeloid Cells in Mice. <i>Gastroenterology</i> , 2016, 151, 1176-1191.	1.3	173
13	A probiotic modulates the microbiome and immunity in multiple sclerosis. <i>Annals of Neurology</i> , 2018, 83, 1147-1161.	5.3	158
14	Microbiota Signaling Pathways that Influence Neurologic Disease. <i>Neurotherapeutics</i> , 2018, 15, 135-145.	4.4	127
15	Self-tunable engineered yeast probiotics for the treatment of inflammatory bowel disease. <i>Nature Medicine</i> , 2021, 27, 1212-1222.	30.7	124
16	Gastric <i>Helicobacter pylori</i> Infection Affects Local and Distant Microbial Populations and Host Responses. <i>Cell Reports</i> , 2016, 14, 1395-1407.	6.4	122
17	Oral Administration of miR-30d from Feces of MS Patients Suppresses MS-like Symptoms in Mice by Expanding <i>Akkermansia muciniphila</i> . <i>Cell Host and Microbe</i> , 2019, 26, 779-794.e8.	11.0	118
18	Intergenerational transfer of antibiotic-perturbed microbiota enhances colitis in susceptible mice. <i>Nature Microbiology</i> , 2018, 3, 234-242.	13.3	118

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19	Distinct Polysaccharide Utilization Profiles of Human Intestinal <i>Prevotella copri</i> Isolates. <i>Cell Host and Microbe</i> , 2019, 26, 680-690.e5.	11.0	115
20	Gut Microbiome in Progressive Multiple Sclerosis. <i>Annals of Neurology</i> , 2021, 89, 1195-1211.	5.3	115
21	Investigation of probiotics in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2018, 24, 58-63.	3.0	112
22	Calorie restriction slows age-related microbiota changes in an Alzheimer's disease model in female mice. <i>Scientific Reports</i> , 2019, 9, 17904.	3.3	86
23	Description of two novel members of the family Erysipelotrichaceae: <i>Ileibacterium valens</i> gen. nov., sp. nov. and <i>Dubosiella newyorkensis</i> , gen. nov., sp. nov., from the murine intestine, and emendation to the description of <i>Faecalibacterium rodentium</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1247-1254.	1.7	81
24	The nonfermentable dietary fiber hydroxypropyl methylcellulose modulates intestinal microbiota. <i>FASEB Journal</i> , 2013, 27, 692-702.	0.5	78
25	Characterization of the Gastric Microbiota in a Pediatric Population According to <i>Helicobacter pylori</i> Status. <i>Pediatric Infectious Disease Journal</i> , 2017, 36, 173-178.	2.0	71
26	Acute microglia ablation induces neurodegeneration in the somatosensory system. <i>Nature Communications</i> , 2018, 9, 4578.	12.8	55
27	Impaired Fitness of <i>Mycobacterium africanum</i> Despite Secretion of ESAT-6. <i>Journal of Infectious Diseases</i> , 2012, 205, 984-990.	4.0	39
28	A multivariate distance-based analytic framework for microbial interdependence association test in longitudinal study. <i>Genetic Epidemiology</i> , 2017, 41, 769-778.	1.3	31
29	The sex-specific interaction of the microbiome in neurodegenerative diseases. <i>Brain Research</i> , 2019, 1724, 146385.	2.2	29
30	<i>Clostridium boltea</i> is elevated in neuromyelitis optica spectrum disorder in India and shares sequence similarity with AQP4. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2021, 8, .	6.0	26
31	Prevalence of <i>Fusobacterium necrophorum</i> in Children Presenting with Pharyngitis. <i>Journal of Clinical Microbiology</i> , 2017, 55, 1147-1153.	3.9	22
32	PD-L1+ and XCR1+ dendritic cells are region-specific regulators of gut homeostasis. <i>Nature Communications</i> , 2021, 12, 4907.	12.8	18
33	The microbiota restrains neurodegenerative microglia in a model of amyotrophic lateral sclerosis. <i>Microbiome</i> , 2022, 10, 47.	11.1	17
34	Antibiotics shape microbiota and weight gain across the animal kingdom. <i>Animal Frontiers</i> , 2016, 6, 8-14.	1.7	15
35	Latent-period stool proteomic assay of multiple sclerosis model indicates protective capacity of host-expressed protease inhibitors. <i>Scientific Reports</i> , 2019, 9, 12460.	3.3	10
36	Regulation of splenic monocyte homeostasis and function by gut microbial products. <i>iScience</i> , 2021, 24, 102356.	4.1	10

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37	Mucosal tolerance therapy in humans: Past and future. <i>Clinical and Experimental Neuroimmunology</i> , 2019, 10, 20-31.	1.0	7
38	The microbiome requires a genetically susceptible host to induce central nervous system autoimmunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27764-27766.	7.1	5
39	544 Antibiotic Altered Microbiota From the Mother Accelerates Development of Colitis in IL-10 Deficient Mice. <i>Gastroenterology</i> , 2016, 150, S114.	1.3	0