

Patricia Lepage

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

26,693
citations

34100

52
h-index

58576

82
g-index

84
all docs

84
docs citations

84
times ranked

32292
citing authors

#	ARTICLE	IF	CITATIONS
1	A human gut microbial gene catalogue established by metagenomic sequencing. <i>Nature</i> , 2010, 464, 59-65.	27.8	9,342
2	Anticancer immunotherapy by CTLA-4 blockade relies on the gut microbiota. <i>Science</i> , 2015, 350, 1079-1084.	12.6	2,539
3	The Intestinal Microbiota Modulates the Anticancer Immune Effects of Cyclophosphamide. <i>Science</i> , 2013, 342, 971-976.	12.6	1,580
4	Dietary intervention impact on gut microbial gene richness. <i>Nature</i> , 2013, 500, 585-588.	27.8	1,485
5	Baseline gut microbiota predicts clinical response and colitis in metastatic melanoma patients treated with ipilimumab. <i>Annals of Oncology</i> , 2017, 28, 1368-1379.	1.2	908
6	Resistance Mechanisms to Immune-Checkpoint Blockade in Cancer: Tumor-Intrinsic and -Extrinsic Factors. <i>Immunity</i> , 2016, 44, 1255-1269.	14.3	797
7	Intestinal microbiota determines development of non-alcoholic fatty liver disease in mice. <i>Gut</i> , 2013, 62, 1787-1794.	12.1	777
8	<i>Enterococcus hirae</i> and <i>Barnesiella intestinihominis</i> Facilitate Cyclophosphamide-Induced Therapeutic Immunomodulatory Effects. <i>Immunity</i> , 2016, 45, 931-943.	14.3	645
9	High-fat diet alters gut microbiota physiology in mice. <i>ISME Journal</i> , 2014, 8, 295-308.	9.8	583
10	Twin Study Indicates Loss of Interaction Between Microbiota and Mucosa of Patients With Ulcerative Colitis. <i>Gastroenterology</i> , 2011, 141, 227-236.	1.3	518
11	Intestinal microbiota contributes to individual susceptibility to alcoholic liver disease. <i>Gut</i> , 2016, 65, 830-839.	12.1	429
12	Specificities of the fecal microbiota in inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2006, 12, 106-111.	1.9	373
13	Early-life establishment of the swine gut microbiome and impact on host phenotypes. <i>Environmental Microbiology Reports</i> , 2015, 7, 554-569.	2.4	320
14	Phylogenetic network analysis applied to pig gut microbiota identifies an ecosystem structure linked with growth traits. <i>ISME Journal</i> , 2016, 10, 2973-2977.	9.8	308
15	A metagenomic insight into our gut's microbiome. <i>Gut</i> , 2013, 62, 146-158.	12.1	302
16	Involvement of tissue bacteria in the onset of diabetes in humans: evidence for a concept. <i>Diabetologia</i> , 2011, 54, 3055-3061.	6.3	283
17	Resilience of the Dominant Human Fecal Microbiota upon Short-Course Antibiotic Challenge. <i>Journal of Clinical Microbiology</i> , 2005, 43, 5588-5592.	3.9	281
18	Systemic short chain fatty acids limit antitumor effect of CTLA-4 blockade in hosts with cancer. <i>Nature Communications</i> , 2020, 11, 2168.	12.8	231

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19	Biodiversity of the Mucosa-Associated Microbiota Is Stable Along the Distal Digestive Tract in Healthy Individuals and Patients With Ibd. <i>Inflammatory Bowel Diseases</i> , 2005, 11, 473-480.	1.9	220
20	Dysbiosis in inflammatory bowel disease: a role for bacteriophages?. <i>Gut</i> , 2008, 57, 424-425.	12.1	206
21	Microbial ecology perturbation in human IgA deficiency. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	206
22	Enterocolitis due to immune checkpoint inhibitors: a systematic review. <i>Gut</i> , 2018, 67, 2056-2067.	12.1	179
23	Replication of Obesity and Associated Signaling Pathways Through Transfer of Microbiota From Obese-Prone Rats. <i>Diabetes</i> , 2014, 63, 1624-1636.	0.6	171
24	Intestinal microbiota in metabolic diseases. <i>Gut Microbes</i> , 2014, 5, 544-551.	9.8	170
25	The gut microbiota drives the impact of bile acids and fat source in diet on mouse metabolism. <i>Microbiome</i> , 2018, 6, 134.	11.1	169
26	Intestinal TM7 bacterial phylogenies in active inflammatory bowel disease. <i>Journal of Medical Microbiology</i> , 2008, 57, 1569-1576.	1.8	164
27	Intestinal inhibition of Atg7 prevents tumour initiation through a microbiome-influenced immune response and suppresses tumour growth. <i>Nature Cell Biology</i> , 2015, 17, 1062-1073.	10.3	154
28	Review article: the role of bacteria in onset and perpetuation of inflammatory bowel disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2006, 24, 11-18.	3.7	150
29	Epidemiology of inflammatory bowel disease in a German twin cohort: Results of a nationwide study. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 968-976.	1.9	137
30	Temperature Gradient Gel Electrophoresis of Fecal 16S rRNA Reveals Active Escherichia coli in the Microbiota of Patients with Ulcerative Colitis. <i>Journal of Clinical Microbiology</i> , 2006, 44, 3172-3177.	3.9	131
31	Isoflavones and Functional Foods Alter the Dominant Intestinal Microbiota in Postmenopausal Women. <i>Journal of Nutrition</i> , 2005, 135, 2786-2792.	2.9	129
32	Gut bacteria are critical for optimal muscle function: a potential link with glucose homeostasis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E158-E171.	3.5	126
33	Transcriptional activity of the dominant gut mucosal microbiota in chronic inflammatory bowel disease patients. <i>Journal of Medical Microbiology</i> , 2010, 59, 1114-1122.	1.8	121
34	Clostridium difficile Colonization in Early Infancy Is Accompanied by Changes in Intestinal Microbiota Composition. <i>Journal of Clinical Microbiology</i> , 2011, 49, 858-865.	3.9	120
35	Chemotherapy-induced ileal crypt apoptosis and the ileal microbiome shape immunosurveillance and prognosis of proximal colon cancer. <i>Nature Medicine</i> , 2020, 26, 919-931.	30.7	118
36	Colon Immune-Related Adverse Events: Anti-CTLA-4 and Anti-PD-1 Blockade Induce Distinct Immunopathological Entities. <i>Journal of Crohn's and Colitis</i> , 2017, 11, 1238-1246.	1.3	116

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37	Enteric Delivery of Regenerating Family Member 3 alpha Alters the Intestinal Microbiota and Controls Inflammation in Mice With Colitis. <i>Gastroenterology</i> , 2018, 154, 1009-1023.e14.	1.3	107
38	Structural robustness of the gut mucosal microbiota is associated with Crohn's disease remission after surgery. <i>Gut</i> , 2016, 65, 954-962.	12.1	106
39	Gut flora and inflammatory bowel disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2004, 20, 18-23.	3.7	102
40	Multi-hit early life adversity affects gut microbiota, brain and behavior in a sex-dependent manner. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 179-192.	4.1	102
41	Gut microbiome and anticancer immune response: really hot shit!. <i>Cell Death and Differentiation</i> , 2015, 22, 199-214.	11.2	100
42	Synergistic convergence of microbiota-specific systemic IgG and secretory IgA. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1575-1585.e4.	2.9	86
43	Hemidesmosome integrity protects the colon against colitis and colorectal cancer. <i>Gut</i> , 2017, 66, 1748-1760.	12.1	84
44	Mucosal Healing and Bacterial Composition in Response to Enteral Nutrition Vs Steroid-based Induction Therapy: A Randomised Prospective Clinical Trial in Children With Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 846-855.	1.3	82
45	Rapid analysis of bile acids in different biological matrices using LC-ESI-MS/MS for the investigation of bile acid transformation by mammalian gut bacteria. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1231-1245.	3.7	81
46	Altered gut microbiota composition in immune-impaired <i>Nod2</i> ^{-/-} mice. <i>Gut</i> , 2012, 61, 634-635.	12.1	80
47	Bacterial protein signals are associated with Crohn's disease. <i>Gut</i> , 2014, 63, 1566-1577.	12.1	80
48	Search for Localized Dysbiosis in Crohn's Disease Ulcerations by Temporal Temperature Gradient Gel Electrophoresis of 16S rRNA. <i>Journal of Clinical Microbiology</i> , 2005, 43, 4654-4658.	3.9	76
49	Nutritional strategies and gut microbiota composition as risk factors for necrotizing enterocolitis in very-preterm infants. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 821-830.	4.7	71
50	The Human Gut Microbiome and Its Dysfunctions. <i>Digestive Diseases</i> , 2013, 31, 278-285.	1.9	65
51	Modulation of the microbiota by oral antibiotics treats immunoglobulin A nephropathy in humanized mice. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 1135-1144.	0.7	59
52	TREM-1 Inhibition Restores Impaired Autophagy Activity and Reduces Colitis in Mice. <i>Journal of Crohn's and Colitis</i> , 2018, 12, 230-244.	1.3	55
53	Patchy distribution of mucosal lesions in ileal Crohn's disease is not linked to differences in the dominant mucosa-associated bacteria. <i>Inflammatory Bowel Diseases</i> , 2007, 13, 684-692.	1.9	54
54	Cellular and Physiological Effects of Probiotics and Prebiotics. <i>Mini-Reviews in Medicinal Chemistry</i> , 2004, 4, 889-896.	2.4	47

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55	<i>Nod2</i> Deficiency Leads to a Specific and Transmissible Mucosa-associated Microbial Dysbiosis Which Is Independent of the Mucosal Barrier Defect. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 1428-1436.	1.3	45
56	Enhancing the clinical coverage and anticancer efficacy of immune checkpoint blockade through manipulation of the gut microbiota. <i>Oncolmmunology</i> , 2017, 6, e1132137.	4.6	45
57	Extensive Expression Differences along Porcine Small Intestine Evidenced by Transcriptome Sequencing. <i>PLoS ONE</i> , 2014, 9, e88515.	2.5	44
58	Assessment of Neonatal Intensive Care Unit Practices and Preterm Newborn Gut Microbiota and 2-Year Neurodevelopmental Outcomes. <i>JAMA Network Open</i> , 2020, 3, e2018119.	5.9	44
59	Molecular comparison of dominant microbiota associated with injured versus healthy mucosa in ulcerative colitis. <i>Gut</i> , 2007, 56, 152-154.	12.1	40
60	A Guide for Ex Vivo Handling and Storage of Stool Samples Intended for Fecal Microbiota Transplantation. <i>Scientific Reports</i> , 2019, 9, 8897.	3.3	40
61	Harnessing the Intestinal Microbiome for Optimal Therapeutic Immunomodulation. <i>Cancer Research</i> , 2014, 74, 4217-4221.	0.9	39
62	Impact and consequences of intensive chemotherapy on intestinal barrier and microbiota in acute myeloid leukemia: the role of mucosal strengthening. <i>Gut Microbes</i> , 2020, 12, 1800897.	9.8	38
63	Host-microbe interactions in distal airways: relevance to chronic airway diseases. <i>European Respiratory Review</i> , 2015, 24, 78-91.	7.1	35
64	Microbiota Is Involved in Post-resection Adaptation in Humans with Short Bowel Syndrome. <i>Frontiers in Physiology</i> , 2017, 8, 224.	2.8	35
65	Late weaning is associated with increased microbial diversity and <i>Faecalibacterium prausnitzii</i> abundance in the fecal microbiota of piglets. <i>Animal Microbiome</i> , 2020, 2, 2.	3.8	31
66	The Family Coriobacteriaceae. , 2014, , 201-238.		31
67	Does Our Food (Environment) Change Our Gut Microbiome (In-Vironment™): A Potential Role for Inflammatory Bowel Disease?. <i>Digestive Diseases</i> , 2012, 30, 33-39.	1.9	25
68	Dietary Protein Intake Level Modulates Mucosal Healing and Mucosa-Adherent Microbiota in Mouse Model of Colitis. <i>Nutrients</i> , 2019, 11, 514.	4.1	25
69	Respective Roles of Hematopoietic and Nonhematopoietic <i>Nod2</i> on the Gut Microbiota and Mucosal Homeostasis. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 763-773.	1.9	24
70	Association of germ-free mice with a simplified human intestinal microbiota results in a shortened intestine. <i>Gut Microbes</i> , 2014, 5, 176-182.	9.8	22
71	Inflammatory bowel disease and cancer response due to anti-CTLA-4: is it in the flora?. <i>Seminars in Immunopathology</i> , 2017, 39, 327-331.	6.1	22
72	Mucosal healing progression after acute colitis in mice. <i>World Journal of Gastroenterology</i> , 2019, 25, 3572-3589.	3.3	21

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73	Mining gut microbiome oligopeptides by functional metaproteome display. <i>Scientific Reports</i> , 2016, 6, 34337.	3.3	19
74	Effects of enteral polymeric diet on gut microbiota in children with Crohn's disease. <i>Gut</i> , 2017, 66, 194-195.	12.1	19
75	Metabolic Interplay between Gut Bacteria and Their Host. <i>Frontiers of Hormone Research</i> , 2014, 42, 73-82.	1.0	18
76	Why should we need the gut microbiota to respond to cancer therapies?. <i>Oncolmmunology</i> , 2014, 3, e27574.	4.6	17
77	Perturbed Microbiota/Immune Homeostasis in Multiple Sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, e997.	6.0	15
78	Immunome differences between porcine ileal and jejunal Peyer's patches revealed by global transcriptome sequencing of gut-associated lymphoid tissues. <i>Scientific Reports</i> , 2018, 8, 9077.	3.3	12
79	<i>Porphyrromonas</i> , a potential predictive biomarker of <i>Pseudomonas aeruginosa</i> pulmonary infection in cystic fibrosis. <i>BMJ Open Respiratory Research</i> , 2019, 6, e000374.	3.0	12
80	Statement of Retraction. Replication of Obesity and Associated Signaling Pathways Through Transfer of Microbiota From Obese-Prone Rats. <i>Diabetes</i> 2014;63:1624-1636. DOI: 10.2337/db13-1526. <i>Diabetes</i> , 2016, 65, 1447-1447.		4
81	High engraftment capacity of frozen ready-to-use human fecal microbiota transplants assessed in germ-free mice. <i>Scientific Reports</i> , 2021, 11, 4365.	3.3	2
82	Gut Microbiota Diversity of Preterm Neonates Is Associated With <i>Clostridioides Difficile</i> Colonization. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	2