Nadeem Omar Kaakoush

List of Publications by Year
in descending order

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122 papers	12,685 citations	71061 41 h-index	24961 109 g-index
127 all docs	127 docs citations	127 times ranked	24380 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Global Epidemiology of Campylobacter Infection. Clinical Microbiology Reviews, 2015, 28, 687-720.	5.7	1,110
3	Multidonor intensive faecal microbiota transplantation for active ulcerative colitis: a randomised placebo-controlled trial. Lancet, The, 2017, 389, 1218-1228.	6.3	908
4	Insights into the Role of Erysipelotrichaceae in the Human Host. Frontiers in Cellular and Infection Microbiology, 2015, 5, 84.	1.8	538
5	Changes in Gut Microbiota in Rats Fed a High Fat Diet Correlate with Obesity-Associated Metabolic Parameters. PLoS ONE, 2015, 10, e0126931.	1.1	353
6	Faecal Microbiota Transplantation for Inflammatory Bowel Disease: A Systematic Review and Meta-analysis. Journal of Crohn's and Colitis, 2017, 11, 1180-1199.	0.6	323
7	Specific Bacteria and Metabolites Associated With Response to Fecal Microbiota Transplantation in Patients With Ulcerative Colitis. Gastroenterology, 2019, 156, 1440-1454.e2.	0.6	290
8	Dual role ofHelicobacterandCampylobacterspecies in IBD: a systematic review and meta-analysis. Gut, 2017, 66, 235-249.	6.1	177
9	Dysbiosis of the microbiome in gastric carcinogenesis. Scientific Reports, 2017, 7, 15957.	1.6	172
10	The role of bacteria and pattern-recognition receptors in Crohn's disease. Nature Reviews Gastroenterology and Hepatology, 2011, 8, 152-168.	8.2	148
11	Bacterial aetiological agents of intra-amniotic infections and preterm birth in pregnant women. Frontiers in Cellular and Infection Microbiology, 2013, 3, 58.	1.8	124
12	Donor Recruitment for Fecal Microbiota Transplantation. Inflammatory Bowel Diseases, 2015, 21, 1600-1606.	0.9	122
13	Microbial Dysbiosis in Pediatric Patients with Crohn's Disease. Journal of Clinical Microbiology, 2012, 50, 3258-3266.	1.8	118
14	Host Attachment, Invasion, and Stimulation of Proinflammatory Cytokines byCampylobacter concisusand Other Nonâ€“Campylobacter jejuni CampylobacterSpecies. Journal of Infectious Diseases, 2010, 202, 1855-1865.	1.9	114
15	Fungal Trans-kingdom Dynamics Linked to Responsiveness to Fecal Microbiota Transplantation (FMT) Therapy in Ulcerative Colitis. Cell Host and Microbe, 2020, 27, 823-829.e3.	5.1	110
16	Microbial carcinogenesis: Lactic acid bacteria in gastric cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2019, 1872, 188309.	3.3	109
17	Prevalence of Campylobacter Species in Adult Crohn's Disease and the Preferential Colonization Sites of Campylobacter Species in the Human Intestine. PLoS ONE, 2011, 6, e25417.	1.1	108
18	Sutterella Species, IgA-degrading Bacteria in Ulcerative Colitis. Trends in Microbiology, 2020, 28, 519-522.	3.5	107

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19	Pattern-Recognition Receptors and Gastric Cancer. Frontiers in Immunology, 2014, 5, 336.	2.2	106
20	Lyophilised oral faecal microbiota transplantation for ulcerative colitis (LOTUS): a randomised, double-blind, placebo-controlled trial. The Lancet Gastroenterology and Hepatology, 2022, 7, 141-151.	3.7	104
21	Signatures within the esophageal microbiome are associated with host genetics, age, and disease. Microbiome, 2018, 6, 227.	4.9	101
22	The interplay between Campylobacter and Helicobacter species and other gastrointestinal microbiota of commercial broiler chickens. Gut Pathogens, 2014, 6, 18.	1.6	95
23	Effect of Exclusive Enteral Nutrition on the Microbiota of Children With Newly Diagnosed Crohn's Disease. Clinical and Translational Gastroenterology, 2015, 6, e71.	1.3	95
24	Impact of the Food Additive Titanium Dioxide (E171) on Gut Microbiota-Host Interaction. Frontiers in Nutrition, 2019, 6, 57.	1.6	90
25	The NOD-Like Receptor Signalling Pathway in Helicobacter pylori Infection and Related Gastric Cancer: A Case-Control Study and Gene Expression Analyses. PLoS ONE, 2014, 9, e98899.	1.1	86
26	Cafeteria diet and probiotic therapy: cross talk among memory, neuroplasticity, serotonin receptors and gut microbiota in the rat. Molecular Psychiatry, 2018, 23, 351-361.	4.1	84
27	Gut Microbiota in Children With Cystic Fibrosis: A Taxonomic and Functional Dysbiosis. Scientific Reports, 2019, 9, 18593.	1.6	84
28	A multicomponent toxin from Bacillus cereus incites inflammation and shapes host outcome via the NLRP3 inflammasome. Nature Microbiology, 2019, 4, 362-374.	5.9	78
29	The effect of short-term exposure to energy-matched diets enriched in fat or sugar on memory, gut microbiota and markers of brain inflammation and plasticity. Brain, Behavior, and Immunity, 2016, 57, 304-313.	2.0	75
30	Campylobacter concisus â€“ A New Player in Intestinal Disease. Frontiers in Cellular and Infection Microbiology, 2012, 2, 4.	1.8	72
31	The secretome of Campylobacterâ€ƒconcisus. FEBS Journal, 2010, 277, 1606-1617.	2.2	66
32	The Role of TLR2, TLR4 and CD14 Genetic Polymorphisms in Gastric Carcinogenesis: A Case-Control Study and Meta-Analysis. PLoS ONE, 2013, 8, e60327.	1.1	66
33	The Pathogenic Potential of Campylobacter concisus Strains Associated with Chronic Intestinal Diseases. PLoS ONE, 2011, 6, e29045.	1.1	63
34	Genetic polymorphisms in the Toll-like receptor signalling pathway in Helicobacter pylori infection and related gastric cancer. Human Immunology, 2014, 75, 808-815.	1.2	59
35	Defined microbiota transplant restores Th17/RORÎ³t⁺regulatory T cell balance in mice colonized with inflammatory bowel disease microbiotas. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21536-21545.	3.3	58
36	The prevalence of the duodenal ulcer promoting gene (dupA) in Helicobacter pylori isolates varies by ethnic group and is not universally associated with disease development: a case-control study. Gut Pathogens, 2009, 1, 5.	1.6	56

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37	Is Helicobacter pylori a True Microaerophile?. Helicobacter, 2006, 11, 296-303.	1.6	55
38	Oxygen requirement and tolerance of Campylobacter jejuni. Research in Microbiology, 2007, 158, 644-650.	1.0	51
39	Bacillus cereus non-haemolytic enterotoxin activates the NLRP3 inflammasome. Nature Communications, 2020, 11, 760.	5.8	51
40	Role of Emerging Campylobacter Species in Inflammatory Bowel Diseases. Inflammatory Bowel Diseases, 2014, 20, 2189-2197.	0.9	48
41	Impacts of Diet and Exercise on Maternal Gut Microbiota Are Transferred to Offspring. Frontiers in Endocrinology, 2018, 9, 716.	1.5	47
42	Transcriptomic and Proteomic Analyses Reveal Key Innate Immune Signatures in the Host Response to the Gastrointestinal Pathogen Campylobacter concisus. Infection and Immunity, 2015, 83, 832-845.	1.0	45
43	Detection of Helicobacteraceae in Intestinal Biopsies of Children with Crohnâ€™s Disease. Helicobacter, 2010, 15, 549-557.	1.6	42
44	NAFLD, Helicobacter species and the intestinal microbiome. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2017, 31, 657-668.	1.0	41
45	Tools to Covisualize and Coanalyze Proteomic Data with Genomes and Transcriptomes: Validation of Genes and Alternative mRNA Splicing. Journal of Proteome Research, 2014, 13, 84-98.	1.8	40
46	Is Campylobacter to esophageal adenocarcinoma as Helicobacter is to gastric adenocarcinoma?. Trends in Microbiology, 2015, 23, 455-462.	3.5	40
47	Gut Microbiome Analysis Identifies Potential Etiological Factors in Acute Gastroenteritis. Infection and Immunity, 2018, 86, .	1.0	40
48	A Redox Basis for Metronidazole Resistance in Helicobacter pylori. Antimicrobial Agents and Chemotherapy, 2009, 53, 1884-1891.	1.4	39
49	Comparative genomics of Campylobacter concisus isolates reveals genetic diversity and provides insights into disease association. BMC Genomics, 2013, 14, 585.	1.2	39
50	The cag PAI is intact and functional but HP0521 varies significantly in Helicobacter pylori isolates from Malaysia and Singapore. European Journal of Clinical Microbiology and Infectious Diseases, 2010, 29, 439-451.	1.3	38
51	Inflammatory Bowel Disease Therapies and Gut Function in a Colitis Mouse Model. BioMed Research International, 2013, 2013, 1-15.	0.9	38
52	High Dose Vitamin D supplementation alters faecal microbiome and predisposes mice to more severe colitis. Scientific Reports, 2018, 8, 11511.	1.6	37
53	The Internal Transcribed Spacer Region, a New Tool for Use in Species Differentiation and Delineation of Systematic Relationships within the Campylobacter Genus. Applied and Environmental Microbiology, 2010, 76, 3071-3081.	1.4	34
54	Autophagy in Helicobacter pylori Infection and Related Gastric Cancer. Helicobacter, 2015, 20, 353-369.	1.6	34

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55	Ultraviolet Irradiation of Skin Alters the Faecal Microbiome Independently of Vitamin D in Mice. Nutrients, 2018, 10, 1069.	1.7	33
56	Gastroenterologist perceptions of faecal microbiota transplantation. World Journal of Gastroenterology, 2015, 21, 10907.	1.4	33
57	Sequencing and Validation of the Genome of a Campylobacter concisus Reveals Intra-Species Diversity. PLoS ONE, 2011, 6, e22170.	1.1	32
58	Pathogenic Potential of Campylobacter ureolyticus. Infection and Immunity, 2012, 80, 883-890.	1.0	29
59	Immunoreactive proteins ofCampylobacter concisus, an emergent intestinal pathogen. FEMS Immunology and Medical Microbiology, 2011, 63, 387-396.	2.7	28
60	Intermittent cafeteria diet identifies fecal microbiome changes as a predictor of spatial recognition memory impairment in female rats. Translational Psychiatry, 2020, 10, 36.	2.4	27
61	Cross-talk among metabolic parameters, esophageal microbiota, and host gene expression following chronic exposure to an obesogenic diet. Scientific Reports, 2017, 7, 45753.	1.6	24
62	More Flavor for Flavonoid-Based Interventions?. Trends in Molecular Medicine, 2017, 23, 293-295.	3.5	24
63	High plasma FGF21 levels predicts major cardiovascular events in patients treated with atorvastatin (from the Treating to New Targets [TNT] Study). Metabolism: Clinical and Experimental, 2019, 93, 93-99.	1.5	24
64	Comparative analyses of Campylobacter concisus strains reveal the genome of the reference strain BAA-1457 is not representative of the species. Gut Pathogens, 2011, 3, 15.	1.6	23
65	Campylobacter concisus pathotypes induce distinct global responses in intestinal epithelial cells. Scientific Reports, 2016, 6, 34288.	1.6	23
66	Alternating or continuous exposure to cafeteria diet leads to similar shifts in gut microbiota compared to chow diet. Molecular Nutrition and Food Research, 2017, 61, 1500815.	1.5	21
67	The Pathogenic Potential of <scp>H</scp>elicobacter pullorum: Possible Role for the Type <scp>VI</scp> Secretion System. Helicobacter, 2013, 18, 102-111.	1.6	20
68	Potential role of thiol:disulfide oxidoreductases in the pathogenesis ofHelicobacter pylori. FEMS Immunology and Medical Microbiology, 2007, 50, 177-183.	2.7	19
69	Molecular responses of Campylobacterâ€fjejuni to cadmium stress. FEBS Journal, 2008, 275, 5021-5033.	2.2	18
70	The Family Helicobacteraceae. , 2014, , 337-392.		18
71	Campylobacter concisus and exotoxin 9 levels in paediatric patients with Crohnâ€™s disease and their association with the intestinal microbiota. Journal of Medical Microbiology, 2014, 63, 99-105.	0.7	18
72	The role of autophagy in the intracellular survival of Campylobacter concisus. FEBS Open Bio, 2014, 4, 301-309.	1.0	18

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73	Minocycline-induced microbiome alterations predict cafeteria diet-induced spatial recognition memory impairments in rats. Translational Psychiatry, 2020, 10, 92.	2.4	18
74	The oesophageal microbiome: an unexplored link in obesity-associated oesophageal adenocarcinoma. FEMS Microbiology Ecology, 2016, 92, fiw161.	1.3	17
75	Identification of disulfide reductases in Campylobacterales: a bioinformatics investigation. Antonie Van Leeuwenhoek, 2007, 92, 429-441.	0.7	16
76	Long-Term Bacterial and Fungal Dynamics following Oral Lyophilized Fecal Microbiota Transplantation in Clostridioides difficile Infection. MSystems, 2021, 6, .	1.7	16
77	Potential involvement of Campylobacter curvus and Haemophilus parainfluenzae in preterm birth. BMJ Case Reports, 2014, 2014, bcr2014205282-bcr2014205282.	0.2	16
78	Investigation of motility and biofilm formation by intestinal Campylobacter concisus strains. Gut Pathogens, 2012, 4, 22.	1.6	15
79	Novel genetic markers define a subgroup of pathogenicEscherichia colistrains belonging to the B2 phylogenetic group. FEMS Microbiology Letters, 2015, 362, fnv193.	0.7	15
80	Phosphonate metabolism in Helicobacter pylori. Antonie Van Leeuwenhoek, 2010, 97, 51-60.	0.7	14
81	Fecal transplants as a microbiome-based therapeutic. Current Opinion in Microbiology, 2020, 56, 16-23.	2.3	14
82	Campylobacter concisus pathotypes are present at significant levels in patients with gastroenteritis. Journal of Medical Microbiology, 2016, 65, 219-226.	0.7	14
83	The role of ATG16L2 in autophagy and disease. Autophagy, 2022, 18, 2537-2546.	4.3	14
84	Multiple Genome Sequences of Helicobacter pylori Strains of Diverse Disease and Antibiotic Resistance Backgrounds from Malaysia. Genome Announcements, 2013, 1, .	0.8	13
85	Spp24 is associated with endocytic signalling, lipid metabolism, and discrimination of tissue integrity for â€˜leaky-gutâ€™ in inflammatory bowel disease. Scientific Reports, 2020, 10, 12932.	1.6	13
86	Gastrointestinal Pathobionts in Pediatric Crohnâ€™s Disease Patients. International Journal of Microbiology, 2018, 2018, 1-5.	0.9	12
87	Response to faecal microbiota transplantation in ulcerative colitis is not sustained long term following induction therapy. Gut, 2021, 70, 2210-2211.	6.1	12
88	Clostridium septicum Î±-toxin activates the NLRP3 inflammasome by engaging GPI-anchored proteins. Science Immunology, 2022, 7, .	5.6	12
89	Is there a role for stool metabolomics in cystic fibrosis?. Pediatrics International, 2016, 58, 808-811.	0.2	11
90	Multi-omics of the esophageal microenvironment identifies signatures associated with progression of Barrettâ€™s esophagus. Genome Medicine, 2021, 13, 133.	3.6	11

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91	Helicobacter pyloridisulphide reductases: role in metronidazole reduction. FEMS Immunology and Medical Microbiology, 2005, 44, 137-142.	2.7	9
92	Treadmill exercise has minimal impact on obesogenic diet-related gut microbiome changes but alters adipose and hypothalamic gene expression in rats. Nutrition and Metabolism, 2020, 17, 71.	1.3	9
93	Effects of UVR exposure on the gut microbiota of mice and humans. Photochemical and Photobiological Sciences, 2020, 19, 20-28.	1.6	9
94	The interplay between PCOS pathology and diet on gut microbiota in a mouse model. Gut Microbes, 2022, 14, .	4.3	9
95	Insights into the molecular basis of the microaerophily of three Campylobacterales: a comparative study. Antonie Van Leeuwenhoek, 2009, 96, 545-557.	0.7	8
96	Reduction in Gut Microbial Diversity as a Mechanism of Action of Exclusive Enteral Nutrition. American Journal of Gastroenterology, 2016, 111, 1033.	0.2	8
97	Draft Genome Sequences of Helicobacter pylori Isolates from Malaysia, Cultured from Patients with Functional Dyspepsia and Gastric Cancer. Journal of Bacteriology, 2012, 194, 5695-5696.	1.0	7
98	The Secretome of Helicobacter Trogontum. Helicobacter, 2013, 18, 316-320.	1.6	7
99	OPCML: A Promising Biomarker and Therapeutic Avenue. Trends in Cancer, 2019, 5, 463-466.	3.8	7
100	Faecal levels of zonula occludens toxin in paediatric patients with Crohnâ€™s disease and their association with the intestinal microbiota. Journal of Medical Microbiology, 2015, 64, 303-306.	0.7	6
101	Promise of Fecal Microbiota Transplantation Therapy in Pouchitis. Digestive Diseases and Sciences, 2020, 65, 1107-1110.	1.1	5
102	Acinetobacter Species Associated with Spontaneous Preterm Birth and Histological Chorioamnionitis. British Journal of Medicine and Medical Research, 2014, 4, 5293-5297.	0.2	5
103	PAR-1 polymorphisms and risk of Helicobacter pylori-related gastric cancer in a Chinese population. Anticancer Research, 2012, 32, 3715-21.	0.5	5
104	Characterisation of Campylobacter jejuni genes potentially involved in phosphonate degradation. Gut Pathogens, 2009, 1, 13.	1.6	4
105	Did transmission of Helicobacter pylori from humans cause a disease outbreak in a colony of Stripe-faced Dunnarts (Sminthopsis macroura)?. Veterinary Research, 2011, 42, 26.	1.1	4
106	Functional relationship between Campylobacter concisus and the stomach ecosystem in health and disease. ISME Journal, 2013, 7, 2245-2247.	4.4	4
107	Genetic variants involved in innate immunity modulate the risk of inflammatory bowel diseases in an understudied Malaysian population. Journal of Gastroenterology and Hepatology (Australia), 2022, 37, 342-351.	1.4	4
108	Differences in the Active Endometrial Microbiota across Body Weight and Cancer in Humans and Mice. Cancers, 2022, 14, 2141.	1.7	4

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109	The influence of maternal unhealthy diet on maturation of offspring gut microbiota in rat. Animal Microbiome, 2022, 4, 31.	1.5	4
110	Campylobacter. , 2015, , 1187-1236.		3
111	Campylobacter concisus utilizes blood but not short chain fatty acids despite showing associations with Firmicutes taxa. Microbiology (United Kingdom), 2016, 162, 1388-1397.	0.7	3
112	Genome Sequence of Campylobacter showae UNSWCD, Isolated from a Patient with Crohn's Disease. Genome Announcements, 2013, 1, .	0.8	2
113	Microbiome and Esophageal Adenocarcinomaâ€"Letter. Cancer Research, 2018, 78, 1574-1574.	0.4	2
114	Editorial: metabolomic biomarkers for colorectal adenocarcinoma and in the differentiation between irritable bowel syndrome and ulcerative colitis in clinical remissionâ€"confounded by the gut microbiome?. Alimentary Pharmacology and Therapeutics, 2019, 49, 1086-1087.	1.9	2
115	Presence of Gastric Pepsinogen in the Trachea Is Associated with Altered Inflammation and Microbial Composition. Infection and Immunity, 2020, 88, .	1.0	2
116	OPCML is hypermethylated in a subset of patients with metaplastic changes in their esophagus. Biomarker Research, 2018, 6, 35.	2.8	1
117	Reply. Gastroenterology, 2019, 157, 1165-1166.	0.6	1
118	Nuclear Leukocyte Immunoglobulin-like Receptor A3 Is Monomeric and Is Involved in Multiple Layers of Regulated Gene Expression and Translation. Journal of Proteome Research, 2021, 20, 3078-3089.	1.8	1
119	Oral faecal microbiota transplantation in ulcerative colitis â€“ Authors' reply. The Lancet Gastroenterology and Hepatology, 2022, 7, 286-287.	3.7	1
120	Su2016 Nutritional Therapy Modulates Inflammation and Improves Altered Barrier Function in a Mouse Model of Colitis. Gastroenterology, 2013, 144, S-532.	0.6	0
121	Do Type <scp>VI</scp> Secretion Systems Translocate More Than Proteins?. Helicobacter, 2013, 18, 242-243.	1.6	0
122	Immunoglobulin G response in patients with Campylobacter concisus diarrhea. Diagnostic Microbiology and Infectious Disease, 2016, 84, 151-154.	0.8	0