

Bahtiyar Yilmaz

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,422
citations

331259

21
h-index

301761

39
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54
all docs

54
docs citations

54
times ranked

4105
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut Microbiota Elicits a Protective Immune Response against Malaria Transmission. <i>Cell</i> , 2014, 159, 1277-1289.	13.5	279
2	Microbial network disturbances in relapsing refractory Crohn's disease. <i>Nature Medicine</i> , 2019, 25, 323-336.	15.2	277
3	Neuronal programming by microbiota regulates intestinal physiology. <i>Nature</i> , 2020, 578, 284-289.	13.7	198
4	IgA Function in Relation to the Intestinal Microbiota. <i>Annual Review of Immunology</i> , 2018, 36, 359-381.	9.5	196
5	Gut Microbiota and Iron: The Crucial Actors in Health and Disease. <i>Pharmaceuticals</i> , 2018, 11, 98.	1.7	186
6	FXR modulates the gut-vascular barrier by regulating the entry sites for bacterial translocation in experimental cirrhosis. <i>Journal of Hepatology</i> , 2019, 71, 1126-1140.	1.8	153
7	Nlrp6- and ASC-Dependent Inflammasomes Do Not Shape the Commensal Gut Microbiota Composition. <i>Immunity</i> , 2017, 47, 339-348.e4.	6.6	141
8	Mucosal or systemic microbiota exposures shape the B cell repertoire. <i>Nature</i> , 2020, 584, 274-278.	13.7	132
9	Antibodies Set Boundaries Limiting Microbial Metabolite Penetration and the Resultant Mammalian Host Response. <i>Immunity</i> , 2018, 49, 545-559.e5.	6.6	121
10	Gut microbiota drives age-related oxidative stress and mitochondrial damage in microglia via the metabolite N6-carboxymethyllysine. <i>Nature Neuroscience</i> , 2022, 25, 295-305.	7.1	84
11	Different effects of constitutive and induced microbiota modulation on microglia in a mouse model of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2020, 8, 119.	2.4	75
12	Vegetarian or gluten-free diets in patients with inflammatory bowel disease are associated with lower psychological well-being and a different gut microbiota, but no beneficial effects on the course of the disease. <i>United European Gastroenterology Journal</i> , 2019, 7, 767-781.	1.6	67
13	Association of Alterations in Intestinal Microbiota With Impaired Psychological Function in Patients With Inflammatory Bowel Diseases in Remission. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 2019-2029.e11.	2.4	64
14	Long-term evolution and short-term adaptation of microbiota strains and sub-strains in mice. <i>Cell Host and Microbe</i> , 2021, 29, 650-663.e9.	5.1	58
15	Low fermentable oligosaccharides, disaccharides, monosaccharides, and polyols diet compared with traditional dietary advice for diarrhea-predominant irritable bowel syndrome: a parallel-group, randomized controlled trial with analysis of clinical and microbiological factors associated with patient outcomes. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1531-1545.	2.2	45
16	Crosstalk between $\gamma\delta$ T cells and the microbiota. <i>Nature Microbiology</i> , 2021, 6, 1110-1117.	5.9	44
17	Dysbiotic microbiota interactions in Crohn's disease. <i>Gut Microbes</i> , 2021, 13, 1949096.	4.3	38
18	The presence of genetic risk variants within PTPN2 and PTPN22 is associated with intestinal microbiota alterations in Swiss IBD cohort patients. <i>PLoS ONE</i> , 2018, 13, e0199664.	1.1	35

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19	D-lactic Acidosis: Successful Suppression of D-lactate-producing <i>Lactobacillus</i> by Probiotics. <i>Pediatrics</i> , 2018, 142, .	1.0	26
20	Fatigue in inflammatory bowel disease and its impact on daily activities. <i>Alimentary Pharmacology and Therapeutics</i> , 2021, 53, 138-149.	1.9	25
21	Microbiota Control of Malaria Transmission. <i>Trends in Parasitology</i> , 2016, 32, 120-130.	1.5	23
22	Detection of Leishmania RNA virus 2 in Leishmania species from Turkey. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2019, 113, 410-417.	0.7	22
23	Intestinal microbiota drives cholestasis-induced specific hepatic gene expression patterns. <i>Gut Microbes</i> , 2021, 13, 1-20.	4.3	16
24	Loss of β -gal during primate evolution enhanced antibody-effector function and resistance to bacterial sepsis. <i>Cell Host and Microbe</i> , 2021, 29, 347-361.e12.	5.1	14
25	Targeting colonic macrophages improves glycemic control in high-fat diet-induced obesity. <i>Communications Biology</i> , 2022, 5, 370.	2.0	13
26	The Swiss Primary Hypersomnolence and Narcolepsy Cohort study (SPHYNCS): Study protocol for a prospective, multicentre cohort observational study. <i>Journal of Sleep Research</i> , 2021, 30, e13296.	1.7	12
27	Regular testing of asymptomatic healthcare workers identifies cost-efficient SARS-CoV-2 preventive measures. <i>PLoS ONE</i> , 2021, 16, e0258700.	1.1	12
28	Glycan-based shaping of the microbiota during primate evolution. <i>ELife</i> , 2021, 10, .	2.8	8
29	Antibodies that target our intestinal microbes. <i>Science Immunology</i> , 2018, 3, .	5.6	6
30	Effects of anti-TNF therapy and immunomodulators on anxiety and depressive symptoms in patients with inflammatory bowel disease: a 5-year analysis. <i>Therapeutic Advances in Gastroenterology</i> , 2021, 14, 175628482110337.	1.4	6
31	Modulation of the Mucosa-Associated Microbiome Linked to the PTPN2 Risk Gene in Patients with Primary Sclerosing Cholangitis and Ulcerative Colitis. <i>Microorganisms</i> , 2021, 9, 1752.	1.6	6
32	Pilot Sub-Study of the Effect of Hepatitis C Cure by Glecaprevir/Pibrentasvir on the Gut Microbiome of Patients with Chronic Hepatitis C Genotypes 1 to 6 in the Mythen Study. <i>Pharmaceuticals</i> , 2021, 14, 931.	1.7	5
33	Diet and Inflammatory Bowel Disease: What Quality Standards Should Be Applied in Clinical and Laboratory Studies?. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000514.	1.5	4
34	A new cost and time effective method for multilocus microsatellite typing (MLMT) studies: Application of <i>Leishmania tropica</i> isolates and clinical samples from Turkey. <i>Journal of Microbiological Methods</i> , 2017, 141, 97-100.	0.7	2
35	The Intestinal Universe—Full of Gut Heroes Who Need Sidekicks. <i>Frontiers for Young Minds</i> , 0, 7, .	0.8	2
36	Innate lymphoid cell characterization in the rat and their correlation to gut commensal microbes. <i>European Journal of Immunology</i> , 2022, 52, 717-729.	1.6	2

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37	Sa1864 - Vegetarian and Gluten-Free Diet in Patients with IBD - Associated with a Different Microbiota Compared to Omnivore IBD Patients. <i>Gastroenterology</i> , 2018, 154, S-423-S-424.	0.6	1
38	Inflammatory bowel disease in sub-Saharan Africa: a protocol of a prospective registry with a nested caseâ€“control study. <i>BMJ Open</i> , 2020, 10, e039456.	0.8	1
39	Microbial drivers of DSS variability. <i>Nature Microbiology</i> , 2022, 7, 478-479.	5.9	1
40	Roux-en-Y gastric bypass with a long versus a short biliopancreatic limb improves weight loss and glycemic control in obese mice. <i>Surgery for Obesity and Related Diseases</i> , 2022, 18, 1286-1297.	1.0	1
41	Tu1824 - The Clinical Determinants affect Gut Microbial Profile of Inflammatory Bowel Disease Patients. <i>Gastroenterology</i> , 2018, 154, S-1030.	0.6	0
42	Sa1864 â€“ Gut-Brain-Axis Revisited: Shedding Light on the Mucosa Associated Microbial Composition in IBD Patients with Psychological Distress, Anxiety and Depression. <i>Gastroenterology</i> , 2019, 156, S-433.	0.6	0
43	Tu1236 DANGEROUS LIAISONS: CO-HOUSING WITH MIF-/- MICE TRIGGERS EARLY AND SEVERE COLITIS IN IL10-/- MICE. <i>Gastroenterology</i> , 2020, 158, S-1029.	0.6	0
44	Maternal Î³Î³ T Cells Shape Offspring Pulmonary Type-2 Immunity in a Microbiota-Dependent Manner. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0