

Ilias Lagkourdos

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

3,021
citations

29
h-index

54
g-index

64
ext. papers

4,643
ext. citations

8.6
avg, IF

5.19
L-index

#	Paper	IF	Citations
57	The Mouse Intestinal Bacterial Collection (miBC) provides host-specific insight into cultured diversity and functional potential of the gut microbiota. <i>Nature Microbiology</i> , 2016 , 1, 16131	26.6	222
56	Dysbiotic gut microbiota causes transmissible Crohn's disease-like ileitis independent of failure in antimicrobial defence. <i>Gut</i> , 2016 , 65, 225-37	19.2	220
55	Genome of <i>Acanthamoeba castellanii</i> highlights extensive lateral gene transfer and early evolution of tyrosine kinase signaling. <i>Genome Biology</i> , 2013 , 14, R11	18.3	205
54	Sequence and cultivation study of Muribaculaceae reveals novel species, host preference, and functional potential of this yet undescribed family. <i>Microbiome</i> , 2019 , 7, 28	16.6	202
53	IMNGS: A comprehensive open resource of processed 16S rRNA microbial profiles for ecology and diversity studies. <i>Scientific Reports</i> , 2016 , 6, 33721	4.9	192
52	Rhea: a transparent and modular R pipeline for microbial profiling based on 16S rRNA gene amplicons. <i>PeerJ</i> , 2017 , 5, e2836	3.1	172
51	Oral versus intravenous iron replacement therapy distinctly alters the gut microbiota and metabolome in patients with IBD. <i>Gut</i> , 2017 , 66, 863-871	19.2	160
50	Cyanate as an energy source for nitrifiers. <i>Nature</i> , 2015 , 524, 105-8	50.4	160
49	Dietary fat and gut microbiota interactions determine diet-induced obesity in mice. <i>Molecular Metabolism</i> , 2016 , 5, 1162-1174	8.8	108
48	Endospores of thermophilic bacteria as tracers of microbial dispersal by ocean currents. <i>ISME Journal</i> , 2014 , 8, 1153-65	11.9	85
47	Effect of caloric restriction on gut permeability, inflammation markers, and fecal microbiota in obese women. <i>Scientific Reports</i> , 2017 , 7, 11955	4.9	77
46	Integrating metagenomic and amplicon databases to resolve the phylogenetic and ecological diversity of the Chlamydiae. <i>ISME Journal</i> , 2014 , 8, 115-25	11.9	68
45	Interactions of nitrifying bacteria and heterotrophs: identification of a <i>Micavibrio</i> -like putative predator of <i>Nitrospira</i> spp. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 2027-37	4.8	67
44	Randomized controlled trial on the impact of early-life intervention with bifidobacteria on the healthy infant fecal microbiota and metabolome. <i>American Journal of Clinical Nutrition</i> , 2017 , 106, 1274-1286	7.2	66
43	Gut metabolites and bacterial community networks during a pilot intervention study with flaxseeds in healthy adult men. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 1614-28	5.9	65
42	Synbiotic-driven improvement of metabolic disturbances is associated with changes in the gut microbiome in diet-induced obese mice. <i>Molecular Metabolism</i> , 2019 , 22, 96-109	8.8	62
41	Cultured microbes represent a substantial fraction of the human and mouse gut microbiota. <i>Gut Microbes</i> , 2017 , 8, 493-503	8.8	57

40	Deciphering interactions between the gut microbiota and the immune system via microbial cultivation and minimal microbiomes. <i>Immunological Reviews</i> , 2017 , 279, 8-22	11.3	57
39	Draft Genome of <i>Scalindia rubra</i> , Obtained from the Interface Above the Discovery Deep Brine in the Red Sea, Sheds Light on Potential Salt Adaptation Strategies in Anammox Bacteria. <i>Microbial Ecology</i> , 2017 , 74, 1-5	4.4	53
38	Comparative genomics and physiology of the butyrate-producing bacterium <i>Intestinimonas butyriciproducens</i> . <i>Environmental Microbiology Reports</i> , 2016 , 8, 1024-1037	3.7	52
37	Activated ATF6 Induces Intestinal Dysbiosis and Innate Immune Response to Promote Colorectal Tumorigenesis. <i>Gastroenterology</i> , 2018 , 155, 1539-1552.e12	13.3	51
36	The mouse gut microbiome revisited: From complex diversity to model ecosystems. <i>International Journal of Medical Microbiology</i> , 2016 , 306, 316-327	3.7	50
35	An Integrated Metagenome Catalog Reveals New Insights into the Murine Gut Microbiome. <i>Cell Reports</i> , 2020 , 30, 2909-2922.e6	10.6	44
34	A Rickettsiales symbiont of amoebae with ancient features. <i>Environmental Microbiology</i> , 2016 , 18, 2326-42	4.2	41
33	Gut barrier impairment by high-fat diet in mice depends on housing conditions. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 897-908	5.9	40
32	Exclusive enteral nutrition in active pediatric Crohn disease: Effects on intestinal microbiota and immune regulation. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 592-6	11.5	39
31	Surface-Associated Lipoproteins Link <i>Enterococcus faecalis</i> Virulence to Colitogenic Activity in IL-10-Deficient Mice Independent of Their Expression Levels. <i>PLoS Pathogens</i> , 2015 , 11, e1004911	7.6	37
30	Life in an unusual intracellular niche: a bacterial symbiont infecting the nucleus of amoebae. <i>ISME Journal</i> , 2014 , 8, 1634-44	11.9	32
29	In-vivo shift of the microbiota in oral biofilm in response to frequent sucrose consumption. <i>Scientific Reports</i> , 2018 , 8, 14202	4.9	30
28	A collection of bacterial isolates from the pig intestine reveals functional and taxonomic diversity. <i>Nature Communications</i> , 2020 , 11, 6389	17.4	26
27	Massive expansion of Ubiquitination-related gene families within the Chlamydiae. <i>Molecular Biology and Evolution</i> , 2014 , 31, 2890-904	8.3	26
26	Determinants of postprandial plasma bile acid kinetics in human volunteers. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, G300-G312	5.1	25
25	Integrated microbiota and metabolite profiles link Crohn's disease to sulfur metabolism. <i>Nature Communications</i> , 2020 , 11, 4322	17.4	25
24	Microbiome sequencing: challenges and opportunities for molecular medicine. <i>Expert Review of Molecular Diagnostics</i> , 2016 , 16, 795-805	3.8	25
23	The giant ciliate <i>Zoothamnium niveum</i> and its thiotrophic epibiont <i>Candidatus Thiobios zoothamnicoli</i> : a model system to study interspecies cooperation. <i>Frontiers in Microbiology</i> , 2014 , 5, 145	5.7	19

22	Signature protein of the PVC superphylum. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 440-5	4.8	18
21	Improved axenization method reveals complexity of symbiotic associations between bacteria and acanthamoebae. <i>Environmental Microbiology Reports</i> , 2014 , 6, 383-8	3.7	18
20	From complex gut communities to minimal microbiomes via cultivation. <i>Current Opinion in Microbiology</i> , 2017 , 38, 148-155	7.9	17
19	Infusion of donor feces affects the gut-brain axis in humans with metabolic syndrome. <i>Molecular Metabolism</i> , 2020 , 42, 101076	8.8	15
18	Murimonas intestini gen. nov., sp. nov., an acetate-producing bacterium of the family Lachnospiraceae isolated from the mouse gut. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 870-878	2.2	14
17	Increased Pancreatic Protease Activity in Response to Antibiotics Impairs Gut Barrier and Triggers Colitis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018 , 6, 370-388.e3	7.9	13
16	Mining gut microbiome oligopeptides by functional metaproteome display. <i>Scientific Reports</i> , 2016 , 6, 34337	4.9	11
15	Impact of Laparoscopic Sleeve Gastrectomy on Gut Permeability in Morbidly Obese Subjects. <i>Obesity Surgery</i> , 2019 , 29, 2132-2143	3.7	10
14	Depletion of unwanted nucleic acid templates by selective cleavage: LNAzymes, catalytically active oligonucleotides containing locked nucleic acids, open a new window for detecting rare microbial community members. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 1534-44	4.8	9
13	Endophytic Bacterial Isolates From Halophytes Demonstrate Phytopathogen Biocontrol and Plant Growth Promotion Under High Salinity. <i>Frontiers in Microbiology</i> , 2021 , 12, 681567	5.7	8
12	Handling of spurious sequences affects the outcome of high-throughput 16S rRNA gene amplicon profiling. <i>ISME Communications</i> , 2021 , 1,		7
11	An integrated metagenome catalog reveals novel insights into the murine gut microbiome		5
10	Seasonal dynamics in the number and composition of coliform bacteria in drinking water reservoirs. <i>Science of the Total Environment</i> , 2021 , 787, 147539	10.2	5
9	Physiological relevance of food grade microcapsules: Impact of milk protein based microcapsules on inflammation in mouse models for inflammatory bowel diseases. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 1629-34	5.9	4
8	Handling of Spurious Sequences Affects the Outcome of High-Throughput 16S rRNA Gene Amplicon Profiling		2
7	Pre-digest of unprotected DNA by Benzonase improves the representation of living skin bacteria and efficiently depletes host DNA. <i>Microbiome</i> , 2021 , 9, 123	16.6	2
6	A Novel Primer Mixture for GH48 Genes: Quantification and Identification of Truly Cellulolytic Bacteria in Biogas Fermenters. <i>Microorganisms</i> , 2020 , 8,	4.9	1
5	Recent advances in culture-based gut microbiome research. <i>International Journal of Medical Microbiology</i> , 2021 , 311, 151485	3.7	1

- 4 Namco: A microbiome explorer 1
- 3 MiMiC: a bioinformatic approach for generation of synthetic communities from metagenomes.
Microbial Biotechnology, **2021**, 14, 1757-1770 6.3 0
- 2 Acetatifactor **2018**, 1-8
- 1 Dysbiotische Verschiebungen der mikrobiellen Gemeinschaft des supragingivalen oralen Biofilms durch häufigen Saccharosekonsum. *Oralprophylaxe Und Kinderzahnheilkunde*, **2019**, 41, 157-168 0.1