

Elena Biagi

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

8,439
citations

94433

37
h-index

91884

69
g-index

73
all docs

73
docs citations

73
times ranked

11959
citing authors

#	ARTICLE	IF	CITATIONS
1	A Trait of Longevity: The Microbiota of Centenarians. , 2022, , 97-104.		0
2	Early-life gut microbiota and neurodevelopment in preterm infants: any role for Bifidobacterium?. European Journal of Pediatrics, 2022, 181, 1773-1777.	2.7	22
3	Fecal Microbiota Monitoring in Elite Soccer Players Along the 2019â€“2020 Competitive Season. International Journal of Sports Medicine, 2022, 43, 1137-1147.	1.7	1
4	Particulate matter emission sources and meteorological parameters combine to shape the airborne bacteria communities in the Ligurian coast, Italy. Scientific Reports, 2021, 11, 175.	3.3	6
5	Components of a Neanderthal gut microbiome recovered from fecal sediments from El Salt. Communications Biology, 2021, 4, 169.	4.4	28
6	Impact of Plastic Debris on the Gut Microbiota of <i>Caretta caretta</i> From Northwestern Adriatic Sea. Frontiers in Marine Science, 2021, 8, .	2.5	23
7	Impact of Marine Aquaculture on the Microbiome Associated with Nearby Holobionts: The Case of <i>Patella caerulea</i> Living in Proximity of Sea Bream Aquaculture Cages. Microorganisms, 2021, 9, 455.	3.6	12
8	G2S: A New Deep Learning Tool for Predicting Stool Microbiome Structure From Oral Microbiome Data. Frontiers in Genetics, 2021, 12, 644516.	2.3	5
9	Early modifications of the gut microbiome in children with hepatic sinusoidal obstruction syndrome after hematopoietic stem cell transplantation. Scientific Reports, 2021, 11, 14307.	3.3	15
10	The gut microbiome buffers dietary adaptation in Bronze Age domesticated dogs. IScience, 2021, 24, 102816.	4.1	7
11	Elevated gut microbiome abundance of <i>Christensenellaceae</i> , <i>Porphyromonadaceae</i> and <i>Rikenellaceae</i> is associated with reduced visceral adipose tissue and healthier metabolic profile in Italian elderly. Gut Microbes, 2021, 13, 1-19.	9.8	127
12	The Gut Microbiota of an Individual Varies With Intercontinental Four-Month Stay Between Italy and Nigeria: A Pilot Study. Frontiers in Cellular and Infection Microbiology, 2021, 11, 725769.	3.9	2
13	Searching for New Microbiome-Targeted Therapeutics through a Drug Repurposing Approach. Journal of Medicinal Chemistry, 2021, 64, 17277-17286.	6.4	4
14	Microbiomes other than the gut: inflammaging and age-related diseases. Seminars in Immunopathology, 2020, 42, 589-605.	6.1	65
15	Do the human gut metagenomic species possess the minimal set of core functionalities necessary for life?. BMC Genomics, 2020, 21, 678.	2.8	3
16	Effects of Vitamin B2 Supplementation in Broilers Microbiota and Metabolome. Microorganisms, 2020, 8, 1134.	3.6	12
17	Patterns in microbiome composition differ with ocean acidification in anatomic compartments of the Mediterranean coral <i>Astroides calycularis</i> living at CO2 vents. Science of the Total Environment, 2020, 724, 138048.	8.0	19
18	Tissue-scale microbiota of the Mediterranean mussel (<i>Mytilus galloprovincialis</i>) and its relationship with the environment. Science of the Total Environment, 2020, 717, 137209.	8.0	59

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19	Insights into the role of intestinal microbiota in hematopoietic stem-cell transplantation. <i>Therapeutic Advances in Hematology</i> , 2020, 11, 204062071989696.	2.5	36
20	Enteral nutrition protects children undergoing allogeneic hematopoietic stem cell transplantation from blood stream infections. <i>Nutrition Journal</i> , 2020, 19, 29.	3.4	26
21	Shotgun Metagenomics of Gut Microbiota in Humans with up to Extreme Longevity and the Increasing Role of Xenobiotic Degradation. <i>MSystems</i> , 2020, 5, .	3.8	91
22	Faecal bacterial communities from Mediterranean loggerhead sea turtles (<i>Caretta caretta</i>). <i>Environmental Microbiology Reports</i> , 2019, 11, 361-371.	2.4	43
23	Gut microbiome response to a modern Paleolithic diet in a Western lifestyle context. <i>PLoS ONE</i> , 2019, 14, e0220619.	2.5	62
24	HumanMycobiomeScan: a new bioinformatics tool for the characterization of the fungal fraction in metagenomic samples. <i>BMC Genomics</i> , 2019, 20, 496.	2.8	21
25	Early gut microbiota signature of aGvHD in children given allogeneic hematopoietic cell transplantation for hematological disorders. <i>BMC Medical Genomics</i> , 2019, 12, 49.	1.5	50
26	A Mediterranean Diet Mix Has Chemopreventive Effects in a Murine Model of Colorectal Cancer Modulating Apoptosis and the Gut Microbiota. <i>Frontiers in Oncology</i> , 2019, 9, 140.	2.8	26
27	Gut resistome plasticity in pediatric patients undergoing hematopoietic stem cell transplantation. <i>Scientific Reports</i> , 2019, 9, 5649.	3.3	19
28	Comparative analysis of the gut microbiota in centenarians and young adults shows a common signature across genotypically non-related populations. <i>Mechanisms of Ageing and Development</i> , 2019, 179, 23-35.	4.6	59
29	Human Milk's Hidden Gift: Implications of the Milk Microbiome for Preterm Infants' Health. <i>Nutrients</i> , 2019, 11, 2944.	4.1	30
30	Enteral Nutrition in Pediatric Patients Undergoing Hematopoietic SCT Promotes the Recovery of Gut Microbiome Homeostasis. <i>Nutrients</i> , 2019, 11, 2958.	4.1	63
31	Joint Data Analysis in Nutritional Epidemiology: Identification of Observational Studies and Minimal Requirements. <i>Journal of Nutrition</i> , 2018, 148, 285-297.	2.9	13
32	Gut microbiota changes in the extreme decades of human life: a focus on centenarians. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 129-148.	5.4	190
33	The Rootstock Regulates Microbiome Diversity in Root and Rhizosphere Compartments of <i>Vitis vinifera</i> Cultivar Lambrusco. <i>Frontiers in Microbiology</i> , 2018, 9, 2240.	3.5	54
34	Microbial Community Dynamics in Mother's Milk and Infant's Mouth and Gut in Moderately Preterm Infants. <i>Frontiers in Microbiology</i> , 2018, 9, 2512.	3.5	62
35	Infant and Adult Gut Microbiome and Metabolome in Rural Bassa and Urban Settlers from Nigeria. <i>Cell Reports</i> , 2018, 23, 3056-3067.	6.4	128
36	Gut microbiota, metabolome and immune signatures in patients with uncomplicated diverticular disease. <i>Gut</i> , 2017, 66, 1252-1261.	12.1	138

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37	Temporal dynamics of the gut microbiota in people sharing a confined environment, a 520-day ground-based space simulation, MARS500. <i>Microbiome</i> , 2017, 5, 39.	11.1	89
38	The gut microbiota of centenarians: Signatures of longevity in the gut microbiota profile. <i>Mechanisms of Ageing and Development</i> , 2017, 165, 180-184.	4.6	125
39	Characterization of the human DNA gut virome across populations with different subsistence strategies and geographical origin. <i>Environmental Microbiology</i> , 2017, 19, 4728-4735.	3.8	32
40	Design and validation of a DNA-microarray for phylogenetic analysis of bacterial communities in different oral samples and dental implants. <i>Scientific Reports</i> , 2017, 7, 6280.	3.3	17
41	Short-term treatment with eicosapentaenoic acid improves inflammation and affects colonic differentiation markers and microbiota in patients with ulcerative colitis. <i>Scientific Reports</i> , 2017, 7, 7458.	3.3	54
42	Gut microbiome response to short-term dietary interventions in reactive hypoglycemia subjects. <i>Diabetes/Metabolism Research and Reviews</i> , 2017, 33, e2927.	4.0	14
43	The Bacterial Ecosystem of Mother's Milk and Infant's Mouth and Gut. <i>Frontiers in Microbiology</i> , 2017, 8, 1214.	3.5	118
44	Variation of Carbohydrate-Active Enzyme Patterns in the Gut Microbiota of Italian Healthy Subjects and Type 2 Diabetes Patients. <i>Frontiers in Microbiology</i> , 2017, 8, 2079.	3.5	20
45	Unraveling the gut microbiome of the long-lived naked mole-rat. <i>Scientific Reports</i> , 2017, 7, 9590.	3.3	46
46	Variations in the Post-weaning Human Gut Metagenome Profile As Result of Bifidobacterium Acquisition in the Western Microbiome. <i>Frontiers in Microbiology</i> , 2016, 07, 1058.	3.5	14
47	Modulation of gut microbiota dysbioses in type 2 diabetic patients by macrobiotic Ma-Pi 2 diet. <i>British Journal of Nutrition</i> , 2016, 116, 80-93.	2.3	181
48	Gut Microbiota and Extreme Longevity. <i>Current Biology</i> , 2016, 26, 1480-1485.	3.9	668
49	Fecal metabolome of the Hadza hunter-gatherers: a host-microbiome integrative view. <i>Scientific Reports</i> , 2016, 6, 32826.	3.3	88
50	ViromeScan: a new tool for metagenomic viral community profiling. <i>BMC Genomics</i> , 2016, 17, 165.	2.8	118
51	Microbiota and lifestyle interactions through the lifespan. <i>Trends in Food Science and Technology</i> , 2016, 57, 265-272.	15.1	24
52	The bottlenose dolphin (<i>Tursiops truncatus</i>) faecal microbiota. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw055.	2.7	38
53	The effect of short-chain fatty acids on human monocyte-derived dendritic cells. <i>Scientific Reports</i> , 2015, 5, 16148.	3.3	269
54	Behçet's syndrome patients exhibit specific microbiome signature. <i>Autoimmunity Reviews</i> , 2015, 14, 269-276.	5.8	195

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55	Dynamic efficiency of the human intestinal microbiota. <i>Critical Reviews in Microbiology</i> , 2015, 41, 165-171.	6.1	32
56	Development of a Microarray-Based Tool To Characterize Vaginal Bacterial Fluctuations and Application to a Novel Antibiotic Treatment for Bacterial Vaginosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2825-2834.	3.2	19
57	Metabonomics and Gut Microbial Paradigm in Healthy Aging. <i>Molecular and Integrative Toxicology</i> , 2015, , 169-184.	0.5	0
58	Gut Microbiome in Down Syndrome. <i>PLoS ONE</i> , 2014, 9, e112023.	2.5	51
59	Gut microbiome of the Hadza hunter-gatherers. <i>Nature Communications</i> , 2014, 5, 3654.	12.8	1,067
60	Inflammation and colorectal cancer, when microbiota-host mutualism breaks. <i>World Journal of Gastroenterology</i> , 2014, 20, 908.	3.3	176
61	Maintenance of a healthy trajectory of the intestinal microbiome during aging: A dietary approach. <i>Mechanisms of Ageing and Development</i> , 2014, 136-137, 70-75.	4.6	72
62	Metabolic Signatures of Extreme Longevity in Northern Italian Centenarians Reveal a Complex Remodeling of Lipids, Amino Acids, and Gut Microbiota Metabolism. <i>PLoS ONE</i> , 2013, 8, e56564.	2.5	205
63	Ageing and gut microbes: Perspectives for health maintenance and longevity. <i>Pharmacological Research</i> , 2013, 69, 11-20.	7.1	226
64	Functional metagenomic profiling of intestinal microbiome in extreme ageing. <i>Ageing</i> , 2013, 5, 902-912.	3.1	263
65	Intestinal microbiota is a plastic factor responding to environmental changes. <i>Trends in Microbiology</i> , 2012, 20, 385-391.	7.7	152
66	Ageing of the human metaorganism: the microbial counterpart. <i>Age</i> , 2012, 34, 247-267.	3.0	324
67	Global and Deep Molecular Analysis of Microbiota Signatures in Fecal Samples From Patients With Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2011, 141, 1792-1801.	1.3	885
68	The aging gut microbiota: New perspectives. <i>Ageing Research Reviews</i> , 2011, 10, 428-429.	10.9	104
69	Through Ageing, and Beyond: Gut Microbiota and Inflammatory Status in Seniors and Centenarians. <i>PLoS ONE</i> , 2010, 5, e10667.	2.5	1,107
70	Bifidobacterial enolase, a cell surface receptor for human plasminogen involved in the interaction with the host. <i>Microbiology (United Kingdom)</i> , 2009, 155, 3294-3303.	1.8	110