

# Lorenza Putignani

## List of Publications by Year in descending order

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174  
papers

8,599  
citations

44066

48  
h-index

54911

84  
g-index

183  
all docs

183  
docs citations

183  
times ranked

12667  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbiota profiling of pediatric nonalcoholic fatty liver disease and obese patients unveiled by an integrated metaomics-based approach. <i>Hepatology</i> , 2017, 65, 451-464.	7.3	572
2	Hepatocellular Carcinoma Is Associated With Gut Microbiota Profile and Inflammation in Nonalcoholic Fatty Liver Disease. <i>Hepatology</i> , 2019, 69, 107-120.	7.3	433
3	Gut Microbiota, Lipopolysaccharides, and Innate Immunity in the Pathogenesis of Obesity and Cardiovascular Risk. <i>Endocrine Reviews</i> , 2010, 31, 817-844.	20.1	389
4	PCR-RFLP analysis of the oocyst wall protein (COWP) gene discriminates between and , and between isolates of human and animal origin. <i>FEMS Microbiology Letters</i> , 1997, 150, 209-217.	1.8	352
5	Gut Microbiota Profiling: Metabolomics Based Approach to Unravel Compounds Affecting Human Health. <i>Frontiers in Microbiology</i> , 2016, 7, 1144.	3.5	290
6	International consensus conference on stool banking for faecal microbiota transplantation in clinical practice. <i>Gut</i> , 2019, 68, 2111-2121.	12.1	290
7	The human gut microbiota: a dynamic interplay with the host from birth to senescence settled during childhood. <i>Pediatric Research</i> , 2014, 76, 2-10.	2.3	194
8	High Interlaboratory Reproducibility of Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry-Based Species Identification of Nonfermenting Bacteria. <i>Journal of Clinical Microbiology</i> , 2009, 47, 3732-3734.	3.9	168
9	Mediterranean Diet and Health: Food Effects on Gut Microbiota and Disease Control. <i>International Journal of Molecular Sciences</i> , 2014, 15, 11678-11699.	4.1	162
10	Multiplex PCR Allows Rapid and Accurate Diagnosis of Bloodstream Infections in Newborns and Children with Suspected Sepsis. <i>Journal of Clinical Microbiology</i> , 2011, 49, 2252-2258.	3.9	155
11	Global Distribution, Public Health and Clinical Impact of the Protozoan Pathogen <i>Cryptosporidium</i> . <i>Interdisciplinary Perspectives on Infectious Diseases</i> , 2010, 2010, 1-39.	1.4	153
12	Fecal and Mucosal Microbiota Profiling in Irritable Bowel Syndrome and Inflammatory Bowel Disease. <i>Frontiers in Microbiology</i> , 2019, 10, 1655.	3.5	146
13	Gut Microbiota Markers in Obese Adolescent and Adult Patients: Age-Dependent Differential Patterns. <i>Frontiers in Microbiology</i> , 2018, 9, 1210.	3.5	139
14	Large-scale comparative metagenomics of <i>Blastocystis</i> , a common member of the human gut microbiome. <i>ISME Journal</i> , 2017, 11, 2848-2863.	9.8	136
15	Molecular cloning and expression analysis of a <i>Cryptosporidium parvum</i> gene encoding a new member of the thrombospondin family Note: Nucleotide sequence data reported in this paper are available in the GenBank, data base under the accession numbers AF017267 (cp/ZAP.4) and U42213 (Cw.TC1). <i>Molecular and Biochemical Parasitology</i> , 1998, 92, 147-162.	1.1	135
16	Multilocus Genotypic Analysis of <i>Cryptosporidium parvum</i> Isolates from Different Hosts and Geographical Origins. <i>Journal of Clinical Microbiology</i> , 1998, 36, 3255-3259.	3.9	135
17	A novel disorder involving dyshematopoiesis, inflammation, and HLH due to aberrant CDC42 function. <i>Journal of Experimental Medicine</i> , 2019, 216, 2778-2799.	8.5	132
18	Characterization of a mitochondrion-like organelle in <i>Cryptosporidium parvum</i> . <i>Parasitology</i> , 2004, 129, 1-18.	1.5	129

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19	Gut Microbiota Dysbiosis as Risk and Premorbid Factors of IBD and IBS Along the Childhood–Adulthood Transition. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 487-504.	1.9	117
20	The Role of Enterobacteriaceae in Gut Microbiota Dysbiosis in Inflammatory Bowel Diseases. <i>Microorganisms</i> , 2021, 9, 697.	3.6	116
21	Gut metabolomics profiling of non-small cell lung cancer (NSCLC) patients under immunotherapy treatment. <i>Journal of Translational Medicine</i> , 2020, 18, 49.	4.4	114
22	Gut microbiota signatures in cystic fibrosis: Loss of host CFTR function drives the microbiota enterophenotype. <i>PLoS ONE</i> , 2018, 13, e0208171.	2.5	107
23	Gut microbiota profile in children affected by atopic dermatitis and evaluation of intestinal persistence of a probiotic mixture. <i>Scientific Reports</i> , 2019, 9, 4996.	3.3	107
24	Autism, Gastrointestinal Symptoms and Modulation of Gut Microbiota by Nutritional Interventions. <i>Nutrients</i> , 2019, 11, 2812.	4.1	102
25	Gut Microbial, Inflammatory and Metabolic Signatures in Older People with Physical Frailty and Sarcopenia: Results from the BIOSPHERE Study. <i>Nutrients</i> , 2020, 12, 65.	4.1	98
26	Detection and prevalence of protozoan parasites in ready-to-eat packaged salads on sale in Italy. <i>Food Microbiology</i> , 2017, 67, 67-75.	4.2	90
27	Gut Microbiota Profiling and Gut–Brain Crosstalk in Children Affected by Pediatric Acute-Onset Neuropsychiatric Syndrome and Pediatric Autoimmune Neuropsychiatric Disorders Associated With Streptococcal Infections. <i>Frontiers in Microbiology</i> , 2018, 9, 675.	3.5	88
28	Gut Microbiota Metabolism and Interaction with Food Components. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3688.	4.1	88
29	Cloning of the entire COWP gene of <i>Cryptosporidium parvum</i> and ultrastructural localization of the protein during sexual parasite development. <i>Parasitology</i> , 1997, 114, 427-437.	1.5	86
30	<i>Cryptosporidium parvum</i> : PCR-RFLP Analysis of the TRAP-C1 (Thrombospondin-Related Adhesive Protein) Tj ETQq0 0 0 rgBT /Overlock 10 Isolates of Animal and Human Origin. <i>Experimental Parasitology</i> , 1998, 90, 195-198.	1.2	85
31	Molecular approaches to diversity of populations of apicomplexan parasites. <i>International Journal for Parasitology</i> , 2009, 39, 175-189.	3.1	85
32	Phylogenetic and Metabolic Tracking of Gut Microbiota during Perinatal Development. <i>PLoS ONE</i> , 2015, 10, e0137347.	2.5	84
33	Bifidobacteria and lactobacilli in the gut microbiome of children with non-alcoholic fatty liver disease: which strains act as health players?. <i>Archives of Medical Science</i> , 2018, 1, 81-87.	0.9	78
34	Network Analysis of Gut Microbiome and Metabolome to Discover Microbiota-Linked Biomarkers in Patients Affected by Non-Small Cell Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8730.	4.1	75
35	The Role of Mass Spectrometry in the –omics–Era. <i>Current Organic Chemistry</i> , 2013, 17, 2891-2905.	1.6	72
36	MALDI-TOF mass spectrometry proteomic phenotyping of clinically relevant fungi. <i>Molecular BioSystems</i> , 2011, 7, 620-629.	2.9	70

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37	Gut mucosal-associated microbiota better discloses inflammatory bowel disease differential patterns than faecal microbiota. <i>Digestive and Liver Disease</i> , 2019, 51, 648-656.	0.9	67
38	MALDI-TOF MS proteomic phenotyping of filamentous and other fungi from clinical origin. <i>Journal of Proteomics</i> , 2012, 75, 3314-3330.	2.4	66
39	A standardised model for stool banking for faecal microbiota transplantation: a consensus report from a multidisciplinary UEG working group. <i>United European Gastroenterology Journal</i> , 2021, 9, 229-247.	3.8	66
40	Alteration of expression levels of the oxidative phosphorylation system (OXPHOS) in breast cancer cell mitochondria. <i>Breast Cancer Research and Treatment</i> , 2008, 110, 439-452.	2.5	65
41	Influence of hepatitis C virus eradication with direct-acting antivirals on the gut microbiota in patients with cirrhosis. <i>Alimentary Pharmacology and Therapeutics</i> , 2018, 48, 1301-1311.	3.7	63
42	Investigation of <i>Toxoplasma gondii</i> presence in farmed shellfish by nested-PCR and real-time PCR fluorescent amplicon generation assay (FLAG). <i>Experimental Parasitology</i> , 2011, 127, 409-417.	1.2	61
43	The Impact of Low-FODMAPs, Gluten-Free, and Ketogenic Diets on Gut Microbiota Modulation in Pathological Conditions. <i>Nutrients</i> , 2019, 11, 373.	4.1	61
44	Side-Chain Fragmentation of Arylalkanol Radical Cations. Carbon-Carbon and Carbon-Hydrogen Bond Cleavage and the Role of $\alpha$ - and $\beta$ -OH Groups. <i>Journal of the American Chemical Society</i> , 1996, 118, 5952-5960.	13.7	60
45	Applications of MALDI-TOF mass spectrometry in clinical proteomics. <i>Expert Review of Proteomics</i> , 2018, 15, 683-696.	3.0	55
46	Non-Coding RNAs and Endometrial Cancer. <i>Genes</i> , 2018, 9, 187.	2.4	55
47	Urinary $^1\text{H-NMR}$ -based metabolic profiling of children with NAFLD undergoing VSL#3 treatment. <i>International Journal of Obesity</i> , 2015, 39, 1118-1125.	3.4	54
48	Gut Microbiota Modulation for Multidrug-Resistant Organism Decolonization: Present and Future Perspectives. <i>Frontiers in Microbiology</i> , 2019, 10, 1704.	3.5	54
49	Early-life gut microbiota under physiological and pathological conditions: The central role of combined meta-omics-based approaches. <i>Journal of Proteomics</i> , 2012, 75, 4580-4587.	2.4	52
50	Characterization of the gut-liver-muscle axis in cirrhotic patients with sarcopenia. <i>Liver International</i> , 2021, 41, 1320-1334.	3.9	51
51	Identification of clinically relevant yeast species by DNA sequence analysis of the D2 variable region of the 25S rRNA gene. <i>Mycoses</i> , 2008, 51, 209-227.	4.0	48
52	Cross-talk between microbiota and immune fitness to steer and control response to anti PD-1/PDL-1 treatment. <i>Oncotarget</i> , 2017, 8, 8890-8899.	1.8	48
53	Virological and immunological features of SARS-CoV-2-infected children who develop neutralizing antibodies. <i>Cell Reports</i> , 2021, 34, 108852.	6.4	48
54	<i>Acinetobacter baumannii</i> Virulence Traits: A Comparative Study of a Novel Sequence Type with Other Italian Endemic International Clones. <i>Frontiers in Microbiology</i> , 2017, 8, 1977.	3.5	47

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55	Foodomics as part of the host-microbiota-exposome interplay. <i>Journal of Proteomics</i> , 2016, 147, 3-20.	2.4	46
56	Microbiome Analytics of the Gut Microbiota in Patients With Juvenile Idiopathic Arthritis: A Longitudinal Observational Cohort Study. <i>Arthritis and Rheumatology</i> , 2019, 71, 1000-1010.	5.6	44
57	Perusal of food allergens analysis by mass spectrometry-based proteomics. <i>Journal of Proteomics</i> , 2020, 215, 103636.	2.4	42
58	Preliminary evidences on mitochondrial injury and impaired oxidative metabolism in breast cancer. <i>Mitochondrion</i> , 2012, 12, 363-369.	3.4	41
59	Daily Consumption of Orange Juice from <i>Citrus sinensis</i> L. Osbeck cv. Cara Cara and cv. Bahia Differently Affects Gut Microbiota Profiling as Unveiled by an Integrated Meta-Omics Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1381-1391.	5.2	39
60	The thrombospondin-related protein CpMIC1 (CpTSP8) belongs to the repertoire of micronemal proteins of <i>Cryptosporidium parvum</i> . <i>Molecular and Biochemical Parasitology</i> , 2008, 157, 98-101.	1.1	38
61	Mechanisms of antibiotic resistance to enrofloxacin in uropathogenic <i>Escherichia coli</i> in dog. <i>Journal of Proteomics</i> , 2015, 127, 365-376.	2.4	37
62	Proteomics and Metabolomics Approaches towards a Functional Insight onto AUTISM Spectrum Disorders: Phenotype Stratification and Biomarker Discovery. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6274.	4.1	37
63	“Omics” investigations of protozoa and worms for a deeper understanding of the human gut “parasitome”. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005916.	3.0	36
64	Gut microbiota-derived outer membrane vesicles: under-recognized major players in health and disease?. <i>Discovery Medicine</i> , 2015, 19, 343-8.	0.5	36
65	Pseudobactin Biogenesis in the Plant Growth-Promoting Rhizobacterium <i>Pseudomonas</i> Strain B10: Identification and Functional Analysis of the l-Ornithine N5-Oxygenase (psbA) Gene. <i>Journal of Bacteriology</i> , 2000, 182, 6233-6238.	2.2	35
66	A Sensitive and Effective Proteomic Approach to Identify She-Donkey’s and Goat’s Milk Adulterations by MALDI-TOF MS Fingerprinting. <i>International Journal of Molecular Sciences</i> , 2014, 15, 13697-13719.	4.1	32
67	Fecal microbiota signatures of insulin resistance, inflammation, and metabolic syndrome in youth with obesity: a pilot study. <i>Acta Diabetologica</i> , 2021, 58, 1009-1022.	2.5	32
68	Involvement of AlgQ in Transcriptional Regulation of Pyoverdine Genes in <i>Pseudomonas aeruginosa</i> PAO1. <i>Journal of Bacteriology</i> , 2005, 187, 5097-5107.	2.2	31
69	Identification of new biomarkers of bronchopulmonary dysplasia using metabolomics. <i>Metabolomics</i> , 2019, 15, 20.	3.0	31
70	Distinct gut microbiota profile in antiretroviral therapy-treated perinatally HIV-infected patients associated with cardiac and inflammatory biomarkers. <i>Aids</i> , 2019, 33, 1001-1011.	2.2	31
71	The Relationship Between Pediatric Gut Microbiota and SARS-CoV-2 Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	29
72	Cases of cryptosporidiosis co-infections in AIDS patients: a correlation between clinical presentation and GP60 subgenotype lineages from aged formalin-fixed stool samples. <i>Annals of Tropical Medicine and Parasitology</i> , 2011, 105, 339-349.	1.6	27

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73	Meta-Omic Platforms to Assist in the Understanding of NAFLD Gut Microbiota Alterations: Tools and Applications. <i>International Journal of Molecular Sciences</i> , 2014, 15, 684-711.	4.1	26
74	A Metagenomic and in Silico Functional Prediction of Gut Microbiota Profiles May Concur in Discovering New Cystic Fibrosis Patient-Targeted Probiotics. <i>Nutrients</i> , 2017, 9, 1342.	4.1	24
75	Protection against Pertussis in Humans Correlates to Elevated Serum Antibodies and Memory B Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1158.	4.8	24
76	Extended-spectrum $\beta$ -lactamase-producing <i>Escherichia coli</i> from extraintestinal infections in humans and from food-producing animals in Italy: a "One Health" study. <i>International Journal of Antimicrobial Agents</i> , 2021, 58, 106433.	2.5	24
77	Gastrointestinal neuromuscular apparatus: An underestimated target of gut microbiota. <i>World Journal of Gastroenterology</i> , 2016, 22, 9871.	3.3	24
78	Farm Animal Serum Proteomics and Impact on Human Health. <i>International Journal of Molecular Sciences</i> , 2014, 15, 15396-15411.	4.1	23
79	Soluble Immune Checkpoints, Gut Metabolites and Performance Status as Parameters of Response to Nivolumab Treatment in NSCLC Patients. <i>Journal of Personalized Medicine</i> , 2020, 10, 208.	2.5	23
80	Towards a disease-associated common trait of gut microbiota dysbiosis: The pivotal role of <i>Akkermansia muciniphila</i> . <i>Digestive and Liver Disease</i> , 2020, 52, 1002-1010.	0.9	23
81	Epidemiology of Human Cryptosporidiosis. , 2014, , 43-79.		23
82	Changes of microbiome profile during nivolumab treatment in NSCLC patients.. <i>Journal of Clinical Oncology</i> , 2018, 36, e15020-e15020.	1.6	23
83	Membrane-association determinants of the $\beta$ -amino acid monooxygenase PvdA, a pyoverdine biosynthetic enzyme from <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2008, 154, 2804-2813.	1.8	22
84	Proteomics boosts translational and clinical microbiology. <i>Journal of Proteomics</i> , 2014, 97, 69-87.	2.4	22
85	Gut Dysbiosis and Fecal Calprotectin Predict Response to Immune Checkpoint Inhibitors in Patients With Hepatocellular Carcinoma. <i>Hepatology Communications</i> , 2022, 6, 1492-1501.	4.3	22
86	Human serum proteome analysis: new source of markers in metabolic disorders. <i>Biomarkers in Medicine</i> , 2012, 6, 759-773.	1.4	21
87	Understanding probiotics' role in allergic children. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2015, 15, 495-503.	2.3	21
88	A Simple and Effective Mass Spectrometric Approach to Identify the Adulteration of the Mediterranean Diet Component Extra-Virgin Olive Oil with Corn Oil. <i>International Journal of Molecular Sciences</i> , 2015, 16, 20896-20912.	4.1	21
89	16S Metagenomics Reveals Dysbiosis of Nasal Core Microbiota in Children With Chronic Nasal Inflammation: Role of Adenoid Hypertrophy and Allergic Rhinitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 458.	3.9	21
90	Mass Spectrometry Based-Proteomic Analysis of <i>Anisakis</i> spp.: A Preliminary Study towards a New Diagnostic Tool. <i>Genes</i> , 2020, 11, 693.	2.4	21

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91	Incidental Endometrial Adenocarcinoma in Early Pregnancy: A Case Report and Review of the Literature. <i>International Journal of Gynecological Cancer</i> , 2009, 19, 1580-1584.	2.5	20
92	Decolonization of multi-drug resistant bacteria by fecal microbiota transplantation in five pediatric patients before allogeneic hematopoietic stem cell transplantation: gut microbiota profiling, infectious and clinical outcomes. <i>Haematologica</i> , 2020, 105, 2686-2690.	3.5	19
93	Virological and immunological features of SARS-CoV-2 infected children with distinct symptomatology. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 1833-1842.	2.6	19
94	How the gut parasitome affects human health. <i>Therapeutic Advances in Gastroenterology</i> , 2022, 15, 175628482210915.	3.2	19
95	Engineered <i>Escherichia coli</i> as new source of flavonoids and terpenoids. <i>Food Research International</i> , 2013, 54, 1084-1095.	6.2	18
96	Spleen development is modulated by neonatal gut microbiota. <i>Immunology Letters</i> , 2018, 199, 1-15.	2.5	18
97	Potential of multiomics technology in precision medicine. <i>Current Opinion in Gastroenterology</i> , 2019, 35, 491-498.	2.3	18
98	Fecal Microbiota Transplant in Two Ulcerative Colitis Pediatric Cases: Gut Microbiota and Clinical Course Correlations. <i>Microorganisms</i> , 2020, 8, 1486.	3.6	18
99	A MALDI-TOF MS Approach for Mammalian, Human, and Formula Milks™ Profiling. <i>Nutrients</i> , 2018, 10, 1238.	4.1	17
100	Docosahexaenoic Acid Supplementation during Pregnancy: A Potential Tool to Prevent Membrane Rupture and Preterm Labor. <i>International Journal of Molecular Sciences</i> , 2014, 15, 8024-8036.	4.1	16
101	Gut Microbiota Ecology and Inferred Functions in Children With ASD Compared to Neurotypical Subjects. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	16
102	Expression of l-ornithine N <sup>5</sup> -oxygenase (PvdA) in fluorescent <i>Pseudomonas</i> species: an immunochemical and in silico study. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 245-257.	2.1	15
103	Cryptococcal Lymphadenitis as a Manifestation of Immune Reconstitution Inflammatory Syndrome in an HIV-Positive Patient: A Case Report and Review of the Literature. <i>International Journal of Immunopathology and Pharmacology</i> , 2008, 21, 751-756.	2.1	15
104	Microbial Tracking of Multidrug-Resistant <i>Klebsiella Pneumoniae</i> Isolates in a Pediatric Hospital Setting. <i>International Journal of Immunopathology and Pharmacology</i> , 2013, 26, 463-472.	2.1	15
105	Monitoring Perinatal Gut Microbiota in Mouse Models by Mass Spectrometry Approaches: Parental Genetic Background and Breastfeeding Effects. <i>Frontiers in Microbiology</i> , 2016, 7, 1523.	3.5	15
106	Prediction of inactive disease in juvenile idiopathic arthritis: a multicentre observational cohort study. <i>Rheumatology</i> , 2018, 57, 1752-1760.	1.9	15
107	Exploring the genetic diversity of the 16S rRNA gene of <i>Akkermansia muciniphila</i> in IBD and IBS. <i>Future Microbiology</i> , 2019, 14, 1497-1509.	2.0	15
108	The Role of Number of Copies, Structure, Behavior and Copy Number Variations (CNV) of the Y Chromosome in Male Infertility. <i>Genes</i> , 2020, 11, 40.	2.4	15

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109	Gut Mucosal and Fecal Microbiota Profiling Combined to Intestinal Immune System in Neonates Affected by Intestinal Ischemic Injuries. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 59.	3.9	15
110	Gut Microbiota Profile in Children with IgE-Mediated Cow's Milk Allergy and Cow's Milk Sensitization and Probiotic Intestinal Persistence Evaluation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1649.	4.1	15
111	Association between Dietary Habits and Fecal Microbiota Composition in Irritable Bowel Syndrome Patients: A Pilot Study. <i>Nutrients</i> , 2021, 13, 1479.	4.1	15
112	Dysbiosis, Host Metabolism, and Non-communicable Diseases: Triologue in the Inborn Errors of Metabolism. <i>Frontiers in Physiology</i> , 2021, 12, 716520.	2.8	15
113	Focal adhesion kinase inhibitor TAE226 combined with Sorafenib slows down hepatocellular carcinoma by multiple epigenetic effects. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 364.	8.6	15
114	A metaproteomic pipeline to identify newborn mouse gut phylotypes. <i>Journal of Proteomics</i> , 2014, 97, 17-26.	2.4	14
115	Longitudinal Multi-Omics Study of a Mother-Infant Dyad from Breastfeeding to Weaning: An Individualized Approach to Understand the Interactions Among Diet, Fecal Metabolome and Microbiota Composition. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 688440.	3.5	14
116	A metaproteomic-based gut microbiota profiling in children affected by autism spectrum disorders. <i>Journal of Proteomics</i> , 2022, 251, 104407.	2.4	14
117	Identification and typing of free-living <i>Acanthamoeba</i> spp. by MALDI-TOF MS Biotyper. <i>Experimental Parasitology</i> , 2016, 170, 82-89.	1.2	13
118	An omic approach to congenital diaphragmatic hernia: a pilot study of genomic, microRNA, and metabolomic profiling. <i>Journal of Perinatology</i> , 2020, 40, 952-961.	2.0	13
119	Choice of Next-Generation Sequencing Pipelines. <i>Methods in Molecular Biology</i> , 2015, 1231, 31-47.	0.9	13
120	Cryptosporidium: Still Open Scenarios. <i>Pathogens</i> , 2022, 11, 515.	2.8	13
121	<i>Giardia duodenalis</i> in Alpine ( <i>Rupicapra rupicapra rupicapra</i> ) and Apennine ( <i>Rupicapra pyrenaica ornata</i> ) chamois. <i>Parasites and Vectors</i> , 2015, 8, 650.	2.5	12
122	Fighting Fatty Liver Diseases with Nutritional Interventions, Probiotics, Symbiotics, and Fecal Microbiota Transplantation (FMT). <i>Advances in Experimental Medicine and Biology</i> , 2018, 1125, 85-100.	1.6	12
123	Insights into the Periplasmic Proteins of <i>Acinetobacter baumannii</i> AB5075 and the Impact of Imipenem Exposure: A Proteomic Approach. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3451.	4.1	12
124	Fecal and mucosal microbiota profiling in pediatric inflammatory bowel diseases. <i>European Journal of Gastroenterology and Hepatology</i> , 2021, 33, 1376-1386.	1.6	12
125	Chromosome mapping in <i>Cryptosporidium parvum</i> and establishment of a long-range restriction map for chromosome VI. <i>FEMS Microbiology Letters</i> , 1999, 175, 231-238.	1.8	11
126	Additional maternal and nonmaternal factors contribute to microbiota shaping in newborns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, E159; author reply E160.	7.1	11



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127	Cross-correlation of viromeâ€“bacteriomeâ€“hostâ€“metabolome to study respiratory health. Trends in Microbiology, 2022, 30, 34-46.	7.7	11
128	Anti-tumor necrosis factor $\hat{\pm}$ therapy associates to type 17 helper T lymphocytes immunological shift and significant microbial changes in dextran sodium sulphate colitis. World Journal of Gastroenterology, 2019, 25, 1465-1477.	3.3	11
129	Dietary Magnesium Alleviates Experimental Murine Colitis through Modulation of Gut Microbiota. Nutrients, 2021, 13, 4188.	4.1	10
130	Human gut microbiota: onset and shaping through life stages and perturbations. Frontiers in Cellular and Infection Microbiology, 2012, 2, 144.	3.9	9
131	Effect of thyme essential oil and Lactococcus lactis CBM21 on the microbiota composition and quality of minimally processed lambâ€™s lettuce. Food Microbiology, 2017, 68, 61-70.	4.2	9
132	Phenotypic typing and epidemiological survey of antifungal resistance of Candida species detected in clinical samples of Italian patients in a 17 monthsâ€™ period. Germs, 2018, 8, 58-66.	1.3	9
133	Efficiency of the Q3 lab-on-chip Real Time-PCR platform for detecting protozoan pathogens in bivalve mollusks. Journal of Food Science and Technology, 2019, 56, 5000-5008.	2.8	8
134	Metaproteomic investigation to assess gut microbiota shaping in newborn mice: A combined taxonomic, functional and quantitative approach. Journal of Proteomics, 2019, 203, 103378.	2.4	8
135	Combined proteomic and lipidomic studies in Pompe disease allow a better disease mechanism understanding. Journal of Inherited Metabolic Disease, 2021, 44, 705-717.	3.6	8
136	Strongyloides stercoralis Infestation in a Child: How a Nematode Can Affect Gut Microbiota. International Journal of Molecular Sciences, 2021, 22, 2131.	4.1	8
137	Nasopharyngeal microbiota in hospitalized children with Bordetella pertussis and Rhinovirus infection. Scientific Reports, 2021, 11, 22858.	3.3	8
138	Effects of sub-lethal high-pressure homogenization treatment on the outermost cellular structures and the volatile-molecule profiles of two strains of probiotic lactobacilli. Frontiers in Microbiology, 2015, 6, 1006.	3.5	7
139	Pterostilbene Promotes Mean Lifespan in Both Male and Female Drosophila Melanogaster Modulating Different Proteins in the Two Sexes. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-21.	4.0	7
140	Threshold of Reactivity and Tolerance to Precautionary Allergen-Labelled Biscuits of Baked Milk- and Egg-Allergic Children. Nutrients, 2021, 13, 4540.	4.1	7
141	A waterborn zoonotic helminthiasis in an Italian diver: a case report of a cutaneous <i>Sparganum</i> infection and a review of European cases. Pathogens and Global Health, 2015, 109, 383-386.	2.3	6
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