

Federica Del Chierico

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.

82

papers

2,678

citations

29

h-index

50

g-index

97

ext. papers

3,731

ext. citations

4.6

avg, IF

5.26

L-index

#	Paper	IF	Citations
82	Gut microbiota profiling of pediatric nonalcoholic fatty liver disease and obese patients unveiled by an integrated meta-omics-based approach. <i>Hepatology</i> , 2017 , 65, 451-464	11.2	354
81	Hepatocellular Carcinoma Is Associated With Gut Microbiota Profile and Inflammation in Nonalcoholic Fatty Liver Disease. <i>Hepatology</i> , 2019 , 69, 107-120	11.2	230
80	Gut Microbiota Profiling: Metabolomics Based Approach to Unravel Compounds Affecting Human Health. <i>Frontiers in Microbiology</i> , 2016 , 7, 1144	5.7	195
79	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	3.2	144
78	Mediterranean diet and health: food effects on gut microbiota and disease control. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 11678-99	6.3	107
77	Fecal and Mucosal Microbiota Profiling in Irritable Bowel Syndrome and Inflammatory Bowel Disease. <i>Frontiers in Microbiology</i> , 2019 , 10, 1655	5.7	85
76	Gut Microbiota Markers in Obese Adolescent and Adult Patients: Age-Dependent Differential Patterns. <i>Frontiers in Microbiology</i> , 2018 , 9, 1210	5.7	78
75	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	4.5	69
74	MALDI-TOF mass spectrometry proteomic phenotyping of clinically relevant fungi. <i>Molecular BioSystems</i> , 2011 , 7, 620-9		66
73	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	4.9	63
72	Phylogenetic and Metabolic Tracking of Gut Microbiota during Perinatal Development. <i>PLoS ONE</i> , 2015 , 10, e0137347	3.7	63
71	Detection and prevalence of protozoan parasites in ready-to-eat packaged salads on sale in Italy. <i>Food Microbiology</i> , 2017 , 67, 67-75	6	60
70	MALDI-TOF MS proteomic phenotyping of filamentous and other fungi from clinical origin. <i>Journal of Proteomics</i> , 2012 , 75, 3314-30	3.9	57
69	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 , 14, 81-87	2.9	55
68	Gut metabolomics profiling of non-small cell lung cancer (NSCLC) patients under immunotherapy treatment. <i>Journal of Translational Medicine</i> , 2020 , 18, 49	8.5	52
67	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	5.7	51
66	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, 409-17	2.1	51

65	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, 4580-7	3.9	48
64	Gut microbiota signatures in cystic fibrosis: Loss of host CFTR function drives the microbiota enterophenotype. <i>PLoS ONE</i> , 2018 , 13, e0208171	3.7	47
63	Gut Microbial, Inflammatory and Metabolic Signatures in Older People with Physical Frailty and Sarcopenia: Results from the BIOSPHERE Study. <i>Nutrients</i> , 2019 , 12,	6.7	43
62	The Impact of Low-FODMAPs, Gluten-Free, and Ketogenic Diets on Gut Microbiota Modulation in Pathological Conditions. <i>Nutrients</i> , 2019 , 11,	6.7	40
61	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	6.1	36
60	Gut mucosal-associated microbiota better discloses inflammatory bowel disease differential patterns than faecal microbiota. <i>Digestive and Liver Disease</i> , 2019 , 51, 648-656	3.3	34
59	Preliminary evidences on mitochondrial injury and impaired oxidative metabolism in breast cancer. <i>Mitochondrion</i> , 2012 , 12, 363-9	4.9	32
58	Integration of datasets from different analytical techniques to assess the impact of nutrition on human metabolome. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012 , 2, 156	5.9	32
57	Gut Microbiota Modulation for Multidrug-Resistant Organism Decolonization: Present and Future Perspectives. <i>Frontiers in Microbiology</i> , 2019 , 10, 1704	5.7	30
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	9.5	30
55	Mechanisms of antibiotic resistance to enrofloxacin in uropathogenic <i>Escherichia coli</i> in dog. <i>Journal of Proteomics</i> , 2015 , 127, 365-76	3.9	29
54	Gut Microbiota Metabolism and Interaction with Food Components. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	29
53	Apyrase, the product of the virulence plasmid-encoded <i>phoN2</i> (<i>apy</i>) gene of <i>Shigella flexneri</i> , is necessary for proper unipolar IcsA localization and for efficient intercellular spread. <i>Journal of Bacteriology</i> , 2006 , 188, 1620-7	3.5	26
52	The Role of Enterobacteriaceae in Gut Microbiota Dysbiosis in Inflammatory Bowel Diseases. <i>Microorganisms</i> , 2021 , 9,	4.9	23
51	"Omic" investigations of protozoa and worms for a deeper understanding of the human gut "parasitome". <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005916	4.8	22
50	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	6.3	21
49	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	5.7	21
48	Human serum proteome analysis: new source of markers in metabolic disorders. <i>Biomarkers in Medicine</i> , 2012 , 6, 759-73	2.3	19

47	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	3.5	19
46	Protection against Pertussis in Humans Correlates to Elevated Serum Antibodies and Memory B Cells. <i>Frontiers in Immunology</i> , 2017 , 8, 1158	8.4	17
45	Proteomics boosts translational and clinical microbiology. <i>Journal of Proteomics</i> , 2014 , 97, 69-87	3.9	17
44	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,	6.7	14
43	Understanding probioticsTrole in allergic children: the clue of gut microbiota profiling. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2015 , 15, 495-503	3.3	14
42	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,	6.3	14
41	A metaproteomic pipeline to identify newborn mouse gut phylotypes. <i>Journal of Proteomics</i> , 2014 , 97, 17-26	3.9	13
40	Docosahexaenoic acid supplementation during pregnancy: a potential tool to prevent membrane rupture and preterm labor. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 8024-36	6.3	13
39	Changes of microbiome profile during nivolumab treatment in NSCLC patients.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e15020-e15020	2.2	13
38	Exploring the genetic diversity of the 16S rRNA gene of in IBD and IBS. <i>Future Microbiology</i> , 2019 , 14, 1497-1509	2.9	12
37	Identification and typing of free-living Acanthamoeba spp. by MALDI-TOF MS Biotyper. <i>Experimental Parasitology</i> , 2016 , 170, 82-89	2.1	11
36	Microbial tracking of multidrug-resistant Klebsiella pneumoniae isolates in a pediatric hospital setting. <i>International Journal of Immunopathology and Pharmacology</i> , 2013 , 26, 463-72	3	11
35	Choice of next-generation sequencing pipelines. <i>Methods in Molecular Biology</i> , 2015 , 1231, 31-47	1.4	11
34	Towards a disease-associated common trait of gut microbiota dysbiosis: The pivotal role of Akkermansia muciniphila. <i>Digestive and Liver Disease</i> , 2020 , 52, 1002-1010	3.3	10
33	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	5.7	10
32	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	6.6	9
31	Spleen development is modulated by neonatal gut microbiota. <i>Immunology Letters</i> , 2018 , 199, 1-15	4.1	9
30	Characterization of the gut-liver-muscle axis in cirrhotic patients with sarcopenia. <i>Liver International</i> , 2021 , 41, 1320-1334	7.9	9

29	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,	3.6	8
28	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	3.9	8
27	Metaproteomic investigation to assess gut microbiota shaping in newborn mice: A combined taxonomic, functional and quantitative approach. <i>Journal of Proteomics</i> , 2019 , 203, 103378	3.9	7
26	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	5.9	7
25	Effects of sub-lethal high-pressure homogenization treatment on the outermost cellular structures and the volatile-molecule profiles of two strains of probiotic lactobacilli. <i>Frontiers in Microbiology</i> , 2015 , 6, 1006	5.7	7
24	Ala160 and His116 residues are involved in activity and specificity of apyrase, an ATP-hydrolysing enzyme produced by enteroinvasive Escherichia coli. <i>Microbiology (United Kingdom)</i> , 2005 , 151, 2853-2860 ⁹		7
23	Anti-tumor necrosis factor [math display="block">\gamma] therapy associates to type 17 helper T lymphocytes immunological shift and significant microbial changes in dextran sodium sulphate colitis. <i>World Journal of Gastroenterology</i> , 2019 , 25, 1465-1477	5.6	7
22	Fecal Microbiota Transplant in Two Ulcerative Colitis Pediatric Cases: Gut Microbiota and Clinical Course Correlations. <i>Microorganisms</i> , 2020 , 8,	4.9	6
21	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	5.9	6
20	Biophysical Characterization of Membrane Phase Transition Profiles for the Discrimination of Outer Membrane Vesicles (OMVs) From Grown at Different Temperatures. <i>Frontiers in Microbiology</i> , 2020 , 11, 290	5.7	5
19	Effect of thyme essential oil and Lactococcus lactis CBM21 on the microbiota composition and quality of minimally processed lamb's lettuce. <i>Food Microbiology</i> , 2017 , 68, 61-70	6	5
18	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,	6.3	5
17	Liver Transplantation and Gut Microbiota Profiling in a Child Colonized by a Multi-Drug Resistant : A New Approach to Move from Antibiotic to "Eubiotic" Control of Microbial Resistance. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	4
16	Phenotypic typing and epidemiological survey of antifungal resistance of species detected in clinical samples of Italian patients in a 17 months period. <i>Germs</i> , 2018 , 8, 58-66	2	4
15	Effects of a Synbiotic Formula on Functional Bowel Disorders and Gut Microbiota Profile during Long-Term Home Enteral Nutrition (LTHEN): A Pilot Study. <i>Nutrients</i> , 2020 , 13,	6.7	3
14	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	5.6	3
13	Association between Dietary Habits and Fecal Microbiota Composition in Irritable Bowel Syndrome Patients: A Pilot Study. <i>Nutrients</i> , 2021 , 13,	6.7	3
12	Colonization and persistence capacity of a multi-strain probiotic in food allergy.. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, AB229	11.5	2

11	Dietary Magnesium Alleviates Experimental Murine Colitis through Modulation of Gut Microbiota.. <i>Nutrients</i> , 2021 , 13,	6.7	2
10	Fecal and mucosal microbiota profiling in pediatric inflammatory bowel diseases. <i>European Journal of Gastroenterology and Hepatology</i> , 2021 , 33, 1376-1386	2.2	2
9	The impact of the intestinal microbiota and the mucosal permeability on three different antibiotic drugs. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 164, 105869	5.1	2
8	Fused Omics Data Models Reveal Gut Microbiome Signatures Specific of Inactive Stage of Juvenile Idiopathic Arthritis in Pediatric Patients. <i>Microorganisms</i> , 2020 , 8,	4.9	1
7	Effect on bovine lactoferrin on the activation of the enteroinvasive bacterial type III secretion system. <i>BioMetals</i> , 2004 , 17, 261-5	3.4	1
6	Clinical Parasitology and Parasitome Maps as Old and New Tools to Improve Clinical Microbiomics.. <i>Pathogens</i> , 2021 , 10,	4.5	1
5	Gut Microbiota and Related Electronic Multisensorial System Changes in Subjects With Symptomatic Uncomplicated Diverticular Disease Undergoing Rifaximin Therapy. <i>Frontiers in Medicine</i> , 2021 , 8, 655474	4.9	1
4	Nasopharyngeal microbiota in hospitalized children with Bordetella pertussis and Rhinovirus infection. <i>Scientific Reports</i> , 2021 , 11, 22858	4.9	0
3	The impact of intestinal microbiota on weight loss in Parkinson's disease patients: a pilot study. <i>Future Microbiology</i> , 2020 , 15, 1393-1404	2.9	0
2	Impact of Two Antibiotic Therapies on Clinical Outcome and Gut Microbiota Profile in Liver Transplant Paediatric Candidates Colonized by Carbapenem-Resistant CR-KP.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 730904	5.9	0
1	Bariatric procedures and microbiota: patient selection and outcome prediction. <i>Therapeutic Advances in Gastrointestinal Endoscopy</i> , 2021 , 14, 26317745211014746	1.6	