

# Federica Del Chierico

## List of Publications by Year in Descending Order

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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	Nasopharyngeal microbiota in hospitalized children with Bordetella pertussis and Rhinovirus infection. <i>Scientific Reports</i> , <b>2021</b> , 11, 22858	4.9	0
81	Clinical Parasitology and Parasitome Maps as Old and New Tools to Improve Clinical Microbiomics.. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	1
80	Dietary Magnesium Alleviates Experimental Murine Colitis through Modulation of Gut Microbiota.. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	2
79	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> , <b>2021</b> , 8, 688440	5.6	3
78	The Role of Enterobacteriaceae in Gut Microbiota Dysbiosis in Inflammatory Bowel Diseases. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	23
77	Fecal microbiota signatures of insulin resistance, inflammation, and metabolic syndrome in youth with obesity: a pilot study. <i>Acta Diabetologica</i> , <b>2021</b> , 58, 1009-1022	3.9	8
76	Characterization of the gut-liver-muscle axis in cirrhotic patients with sarcopenia. <i>Liver International</i> , <b>2021</b> , 41, 1320-1334	7.9	9
75	Association between Dietary Habits and Fecal Microbiota Composition in Irritable Bowel Syndrome Patients: A Pilot Study. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	3
74	Fecal and mucosal microbiota profiling in pediatric inflammatory bowel diseases. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2021</b> , 33, 1376-1386	2.2	2
73	Gut Microbiota Profile in Children with IgE-Mediated Cow Milk Allergy and Cow Milk Sensitization and Probiotic Intestinal Persistence Evaluation. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
72	Gut Microbiota and Related Electronic Multisensorial System Changes in Subjects With Symptomatic Uncomplicated Diverticular Disease Undergoing Rifaximin Therapy. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 655474	4.9	1
71	The impact of the intestinal microbiota and the mucosal permeability on three different antibiotic drugs. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 164, 105869	5.1	2
70	Bariatric procedures and microbiota: patient selection and outcome prediction. <i>Therapeutic Advances in Gastrointestinal Endoscopy</i> , <b>2021</b> , 14, 26317745211014746	1.6	
69	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> , <b>2021</b> , 11, 730904	5.9	0
68	Soluble Immune Checkpoints, Gut Metabolites and Performance Status as Parameters of Response to Nivolumab Treatment in NSCLC Patients. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,	3.6	8
67	Fused Omics Data Models Reveal Gut Microbiome Signatures Specific of Inactive Stage of Juvenile Idiopathic Arthritis in Pediatric Patients. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	1
66	Gut Microbiota Metabolism and Interaction with Food Components. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	29

65	Towards a disease-associated common trait of gut microbiota dysbiosis: The pivotal role of <i>Akkermansia muciniphila</i> . <i>Digestive and Liver Disease</i> , <b>2020</b> , 52, 1002-1010	3.3	10
64	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> , <b>2020</b> , 11, 290	5.7	5
63	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> , <b>2020</b> , 10, 59	5.9	7
62	Gut metabolomics profiling of non-small cell lung cancer (NSCLC) patients under immunotherapy treatment. <i>Journal of Translational Medicine</i> , <b>2020</b> , 18, 49	8.5	52
61	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> , <b>2020</b> , 105, 2686-2690	6.6	9
60	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> , <b>2020</b> , 13,	6.7	3
59	Fecal Microbiota Transplant in Two Ulcerative Colitis Pediatric Cases: Gut Microbiota and Clinical Course Correlations. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	6
58	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> , <b>2020</b> , 21,	6.3	14
57	The impact of intestinal microbiota on weight loss in Parkinson's disease patients: a pilot study. <i>Future Microbiology</i> , <b>2020</b> , 15, 1393-1404	2.9	0
56	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> , <b>2020</b> , 10, 458	5.9	6
55	Metaproteomic investigation to assess gut microbiota shaping in newborn mice: A combined taxonomic, functional and quantitative approach. <i>Journal of Proteomics</i> , <b>2019</b> , 203, 103378	3.9	7
54	Gut microbiota profile in children affected by atopic dermatitis and evaluation of intestinal persistence of a probiotic mixture. <i>Scientific Reports</i> , <b>2019</b> , 9, 4996	4.9	63
53	Colonization and persistence capacity of a multi-strain probiotic in food allergy.. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, AB229	11.5	2
52	Fecal and Mucosal Microbiota Profiling in Irritable Bowel Syndrome and Inflammatory Bowel Disease. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1655	5.7	85
51	Gut Microbiota Modulation for Multidrug-Resistant Organism Decolonization: Present and Future Perspectives. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1704	5.7	30
50	Anti-tumor necrosis factor $\alpha$ 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> , <b>2019</b> , 25, 1465-1477	5.6	7
49	Gut Microbial, Inflammatory and Metabolic Signatures in Older People with Physical Frailty and Sarcopenia: Results from the BIOSPHERE Study. <i>Nutrients</i> , <b>2019</b> , 12,	6.7	43
48	The Impact of Low-FODMAPs, Gluten-Free, and Ketogenic Diets on Gut Microbiota Modulation in Pathological Conditions. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	40

47	Exploring the genetic diversity of the 16S rRNA gene of in IBD and IBS. <i>Future Microbiology</i> , <b>2019</b> , 14, 1497-1509	2.9	12
46	Distinct gut microbiota profile in antiretroviral therapy-treated perinatally HIV-infected patients associated with cardiac and inflammatory biomarkers. <i>Aids</i> , <b>2019</b> , 33, 1001-1011	3.5	19
45	Microbiome Analytics of the Gut Microbiota in Patients With Juvenile Idiopathic Arthritis: A Longitudinal Observational Cohort Study. <i>Arthritis and Rheumatology</i> , <b>2019</b> , 71, 1000-1010	9.5	30
44	Gut mucosal-associated microbiota better discloses inflammatory bowel disease differential patterns than faecal microbiota. <i>Digestive and Liver Disease</i> , <b>2019</b> , 51, 648-656	3.3	34
43	Daily Consumption of Orange Juice from Citrus sinensis 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> , <b>2019</b> , 67, 1381-1391	5.7	21
42	Hepatocellular Carcinoma Is Associated With Gut Microbiota Profile and Inflammation in Nonalcoholic Fatty Liver Disease. <i>Hepatology</i> , <b>2019</b> , 69, 107-120	11.2	230
41	Spleen development is modulated by neonatal gut microbiota. <i>Immunology Letters</i> , <b>2018</b> , 199, 1-15	4.1	9
40	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> , <b>2018</b> , 9, 675	5.7	51
39	Gut Microbiota Markers in Obese Adolescent and Adult Patients: Age-Dependent Differential Patterns. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1210	5.7	78
38	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> , <b>2018</b> , 14, 81-87	2.9	55
37	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> , <b>2018</b> , 19,	6.3	4
36	Changes of microbiome profile during nivolumab treatment in NSCLC patients.. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, e15020-e15020	2.2	13
35	Phenotypic typing and epidemiological survey of antifungal resistance of species detected in clinical samples of Italian patients in a 17 monthsTperiod. <i>Germs</i> , <b>2018</b> , 8, 58-66	2	4
34	Gut microbiota signatures in cystic fibrosis: Loss of host CFTR function drives the microbiota enterophenotype. <i>PLoS ONE</i> , <b>2018</b> , 13, e0208171	3.7	47
33	Influence of hepatitis C virus eradication with direct-acting antivirals on the gut microbiota in patients with cirrhosis. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2018</b> , 48, 1301-1311	6.1	36
32	Gut microbiota profiling of pediatric nonalcoholic fatty liver disease and obese patients unveiled by an integrated meta-omics-based approach. <i>Hepatology</i> , <b>2017</b> , 65, 451-464	11.2	354
31	Detection and prevalence of protozoan parasites in ready-to-eat packaged salads on sale in Italy. <i>Food Microbiology</i> , <b>2017</b> , 67, 67-75	6	60
30	Effect of thyme essential oil and Lactococcus lactis CBM21 on the microbiota composition and quality of minimally processed lamb lettuce. <i>Food Microbiology</i> , <b>2017</b> , 68, 61-70	6	5

29	A Metagenomic and in Silico Functional Prediction of Gut Microbiota Profiles May Concur in Discovering New Cystic Fibrosis Patient-Targeted Probiotics. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	14
28	Protection against Pertussis in Humans Correlates to Elevated Serum Antibodies and Memory B Cells. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1158	8.4	17
27	"Omic" investigations of protozoa and worms for a deeper understanding of the human gut "parasitome". <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005916	4.8	22
26	Identification and typing of free-living Acanthamoeba spp. by MALDI-TOF MS Biotyper. <i>Experimental Parasitology</i> , <b>2016</b> , 170, 82-89	2.1	11
25	Gut Microbiota Dysbiosis as Risk and Premorbid Factors of IBD and IBS Along the Childhood-Adulthood Transition. <i>Inflammatory Bowel Diseases</i> , <b>2016</b> , 22, 487-504	4.5	69
24	Gut Microbiota Profiling: Metabolomics Based Approach to Unravel Compounds Affecting Human Health. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1144	5.7	195
23	Monitoring Perinatal Gut Microbiota in Mouse Models by Mass Spectrometry Approaches: Parental Genetic Background and Breastfeeding Effects. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1523	5.7	10
22	Mechanisms of antibiotic resistance to enrofloxacin in uropathogenic Escherichia coli in dog. <i>Journal of Proteomics</i> , <b>2015</b> , 127, 365-76	3.9	29
21	Understanding probioticsTrole in allergic children: the clue of gut microbiota profiling. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2015</b> , 15, 495-503	3.3	14
20	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> , <b>2015</b> , 6, 1006	5.7	7
19	Phylogenetic and Metabolic Tracking of Gut Microbiota during Perinatal Development. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137347	3.7	63
18	Choice of next-generation sequencing pipelines. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1231, 31-47	1.4	11
17	The human gut microbiota: a dynamic interplay with the host from birth to senescence settled during childhood. <i>Pediatric Research</i> , <b>2014</b> , 76, 2-10	3.2	144
16	A metaproteomic pipeline to identify newborn mouse gut phylotypes. <i>Journal of Proteomics</i> , <b>2014</b> , 97, 17-26	3.9	13
15	Meta-omic platforms to assist in the understanding of NAFLD gut microbiota alterations: tools and applications. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 684-711	6.3	21
14	Docosahexaenoic acid supplementation during pregnancy: a potential tool to prevent membrane rupture and preterm labor. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 8024-36	6.3	13
13	Mediterranean diet and health: food effects on gut microbiota and disease control. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 11678-99	6.3	107
12	Proteomics boosts translational and clinical microbiology. <i>Journal of Proteomics</i> , <b>2014</b> , 97, 69-87	3.9	17

11	Microbial tracking of multidrug-resistant <i>Klebsiella pneumoniae</i> isolates in a pediatric hospital setting. <i>International Journal of Immunopathology and Pharmacology</i> , <b>2013</b> , 26, 463-72	3	11
10	Human serum proteome analysis: new source of markers in metabolic disorders. <i>Biomarkers in Medicine</i> , <b>2012</b> , 6, 759-73	2.3	19
9	MALDI-TOF MS proteomic phenotyping of filamentous and other fungi from clinical origin. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 3314-30	3.9	57
8	Preliminary evidences on mitochondrial injury and impaired oxidative metabolism in breast cancer. <i>Mitochondrion</i> , <b>2012</b> , 12, 363-9	4.9	32
7	Early-life gut microbiota under physiological and pathological conditions: the central role of combined meta-omics-based approaches. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 4580-7	3.9	48
6	Integration of datasets from different analytical techniques to assess the impact of nutrition on human metabolome. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2012</b> , 2, 156	5.9	32
5	MALDI-TOF mass spectrometry proteomic phenotyping of clinically relevant fungi. <i>Molecular BioSystems</i> , <b>2011</b> , 7, 620-9		66
4	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> , <b>2011</b> , 127, 409-17	2.1	51
3	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 <i>IcsA</i> localization and for efficient intercellular spread. <i>Journal of Bacteriology</i> , <b>2006</b> , 188, 1620-7	3.5	26
2	Ala160 and His116 residues are involved in activity and specificity of apyrase, an ATP-hydrolysing enzyme produced by enteroinvasive <i>Escherichia coli</i> . <i>Microbiology (United Kingdom)</i> , <b>2005</b> , 151, 2853-2860 <sup>2,9</sup>		7
1	Effect on bovine lactoferrin on the activation of the enteroinvasive bacterial type III secretion system. <i>BioMetals</i> , <b>2004</b> , 17, 261-5	3.4	1