

Federica Del Chierico

List of Publications by Year in descending order

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93
papers

4,610
citations

126858

33
h-index

114418

63
g-index

97
all docs

97
docs citations

97
times ranked

7384
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.6	572
2	Hepatocellular Carcinoma Is Associated With Gut Microbiota Profile and Inflammation in Nonalcoholic Fatty Liver Disease. <i>Hepatology</i> , 2019, 69, 107-120.	3.6	433
3	Gut Microbiota Profiling: Metabolomics Based Approach to Unravel Compounds Affecting Human Health. <i>Frontiers in Microbiology</i> , 2016, 7, 1144.	1.5	290
4	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.	1.1	194
5	Mediterranean Diet and Health: Food Effects on Gut Microbiota and Disease Control. <i>International Journal of Molecular Sciences</i> , 2014, 15, 11678-11699.	1.8	162
6	Fecal and Mucosal Microbiota Profiling in Irritable Bowel Syndrome and Inflammatory Bowel Disease. <i>Frontiers in Microbiology</i> , 2019, 10, 1655.	1.5	146
7	Gut Microbiota Markers in Obese Adolescent and Adult Patients: Age-Dependent Differential Patterns. <i>Frontiers in Microbiology</i> , 2018, 9, 1210.	1.5	139
8	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.	0.9	117
9	The Role of Enterobacteriaceae in Gut Microbiota Dysbiosis in Inflammatory Bowel Diseases. <i>Microorganisms</i> , 2021, 9, 697.	1.6	116
10	Gut metabolomics profiling of non-small cell lung cancer (NSCLC) patients under immunotherapy treatment. <i>Journal of Translational Medicine</i> , 2020, 18, 49.	1.8	114
11	Gut microbiota signatures in cystic fibrosis: Loss of host CFTR function drives the microbiota enterophenotype. <i>PLoS ONE</i> , 2018, 13, e0208171.	1.1	107
12	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.	1.6	107
13	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.	1.7	98
14	Detection and prevalence of protozoan parasites in ready-to-eat packaged salads on sale in Italy. <i>Food Microbiology</i> , 2017, 67, 67-75.	2.1	90
15	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.	1.5	88
16	Gut Microbiota Metabolism and Interaction with Food Components. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3688.	1.8	88
17	Phylogenetic and Metabolic Tracking of Gut Microbiota during Perinatal Development. <i>PLoS ONE</i> , 2015, 10, e0137347.	1.1	84
18	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.	0.4	78

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19	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.	1.8	75
20	MALDI-TOF mass spectrometry proteomic phenotyping of clinically relevant fungi. <i>Molecular BioSystems</i> , 2011, 7, 620-629.	2.9	70
21	Gut mucosal-associated microbiota better discloses inflammatory bowel disease differential patterns than faecal microbiota. <i>Digestive and Liver Disease</i> , 2019, 51, 648-656.	0.4	67
22	MALDI-TOF MS proteomic phenotyping of filamentous and other fungi from clinical origin. <i>Journal of Proteomics</i> , 2012, 75, 3314-3330.	1.2	66
23	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.	1.9	63
24	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.	0.5	61
25	The Impact of Low-FODMAPs, Gluten-Free, and Ketogenic Diets on Gut Microbiota Modulation in Pathological Conditions. <i>Nutrients</i> , 2019, 11, 373.	1.7	61
26	Gut Microbiota Modulation for Multidrug-Resistant Organism Decolonization: Present and Future Perspectives. <i>Frontiers in Microbiology</i> , 2019, 10, 1704.	1.5	54
27	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.	1.2	52
28	Characterization of the gut-liver-muscle axis in cirrhotic patients with sarcopenia. <i>Liver International</i> , 2021, 41, 1320-1334.	1.9	51
29	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.	2.9	44
30	Preliminary evidences on mitochondrial injury and impaired oxidative metabolism in breast cancer. <i>Mitochondrion</i> , 2012, 12, 363-369.	1.6	41
31	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.	2.4	39
32	Mechanisms of antibiotic resistance to enrofloxacin in uropathogenic <i>Escherichia coli</i> in dog. <i>Journal of Proteomics</i> , 2015, 127, 365-376.	1.2	37
33	Omics-investigations of protozoa and worms for a deeper understanding of the human gut parasitome. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005916.	1.3	36
34	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.	1.8	34
35	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.	1.2	32
36	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.	1.0	31

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37	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, 1620-1627.	1.0	30
38	The Relationship Between Pediatric Gut Microbiota and SARS-CoV-2 Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	29
39	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.	1.8	26
40	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.	1.7	24
41	Protection against Pertussis in Humans Correlates to Elevated Serum Antibodies and Memory B Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1158.	2.2	24
42	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.	1.1	23
43	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.	0.4	23
44	Changes of microbiome profile during nivolumab treatment in NSCLC patients.. <i>Journal of Clinical Oncology</i> , 2018, 36, e15020-e15020.	0.8	23
45	Proteomics boosts translational and clinical microbiology. <i>Journal of Proteomics</i> , 2014, 97, 69-87.	1.2	22
46	Gut Dysbiosis and Fecal Calprotectin Predict Response to Immune Checkpoint Inhibitors in Patients With Hepatocellular Carcinoma. <i>Hepatology Communications</i> , 2022, 6, 1492-1501.	2.0	22
47	Human serum proteome analysis: new source of markers in metabolic disorders. <i>Biomarkers in Medicine</i> , 2012, 6, 759-773.	0.6	21
48	Understanding probioticsâ€™ role in allergic children. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2015, 15, 495-503.	1.1	21
49	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.	1.8	21
50	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.	1.7	19
51	Spleen development is modulated by neonatal gut microbiota. <i>Immunology Letters</i> , 2018, 199, 1-15.	1.1	18
52	Fecal Microbiota Transplant in Two Ulcerative Colitis Pediatric Cases: Gut Microbiota and Clinical Course Correlations. <i>Microorganisms</i> , 2020, 8, 1486.	1.6	18
53	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.	1.8	16
54	Biophysical Characterization of Membrane Phase Transition Profiles for the Discrimination of Outer Membrane Vesicles (OMVs) From <i>Escherichia coli</i> Grown at Different Temperatures. <i>Frontiers in Microbiology</i> , 2020, 11, 290.	1.5	16

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55	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.	1.0	15
56	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.	1.5	15
57	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.	1.0	15
58	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.	1.8	15
59	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.	1.8	15
60	Association between Dietary Habits and Fecal Microbiota Composition in Irritable Bowel Syndrome Patients: A Pilot Study. <i>Nutrients</i> , 2021, 13, 1479.	1.7	15
61	A metaproteomic pipeline to identify newborn mouse gut phylotypes. <i>Journal of Proteomics</i> , 2014, 97, 17-26.	1.2	14
62	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.	1.6	14
63	Identification and typing of free-living <i>Acanthamoeba</i> spp. by MALDI-TOF MS Biotyper. <i>Experimental Parasitology</i> , 2016, 170, 82-89.	0.5	13
64	Choice of Next-Generation Sequencing Pipelines. <i>Methods in Molecular Biology</i> , 2015, 1231, 31-47.	0.4	13
65	Fecal and mucosal microbiota profiling in pediatric inflammatory bowel diseases. <i>European Journal of Gastroenterology and Hepatology</i> , 2021, 33, 1376-1386.	0.8	12
66	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. <i>World Journal of Gastroenterology</i> , 2019, 25, 1465-1477.	1.4	11
67	Dietary Magnesium Alleviates Experimental Murine Colitis through Modulation of Gut Microbiota. <i>Nutrients</i> , 2021, 13, 4188.	1.7	10
68	Effect of thyme essential oil and <i>Lactococcus lactis</i> CBM21 on the microbiota composition and quality of minimally processed lamb's lettuce. <i>Food Microbiology</i> , 2017, 68, 61-70.	2.1	9
69	Phenotypic typing and epidemiological survey of antifungal resistance of <i>Candida</i> species detected in clinical samples of Italian patients in a 17 months period. <i>Germes</i> , 2018, 8, 58-66.	0.5	9
70	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.	1.2	8
71	Nasopharyngeal microbiota in hospitalized children with <i>Bordetella pertussis</i> and Rhinovirus infection. <i>Scientific Reports</i> , 2021, 11, 22858.	1.6	8
72	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> , 2005, 151, 2853-2860.	0.7	7

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73	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.	1.5	7
74	Liver Transplantation and Gut Microbiota Profiling in a Child Colonized by a Multi-Drug Resistant <i>Klebsiella pneumoniae</i> : A New Approach to Move from Antibiotic to “Eubiotic” Control of Microbial Resistance. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1280.	1.8	6
75	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.	1.2	6
76	Fused Omics Data Models Reveal Gut Microbiome Signatures Specific of Inactive Stage of Juvenile Idiopathic Arthritis in Pediatric Patients. <i>Microorganisms</i> , 2020, 8, 1540.	1.6	5
77	Impact of Two Antibiotic Therapies on Clinical Outcome and Gut Microbiota Profile in Liver Transplant Paediatric Candidates Colonized by Carbapenem-Resistant <i>Klebsiella pneumoniae</i> CR-KP. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 730904.	1.8	5
78	The impact of intestinal microbiota on weight loss in Parkinson’s disease patients: a pilot study. <i>Future Microbiology</i> , 2020, 15, 1393-1404.	1.0	4
79	Clinical Parasitology and Parasitome Maps as Old and New Tools to Improve Clinical Microbiomics. <i>Pathogens</i> , 2021, 10, 1550.	1.2	4
80	A Parallel Tracking of Salivary and Gut Microbiota Profiles Can Reveal Maturation and Interplay of Early Life Microbial Communities in Healthy Infants. <i>Microorganisms</i> , 2022, 10, 468.	1.6	4
81	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.	1.9	3
82	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> , 2021, 13, 87.	1.7	3
83	Intestinal Permeability and Dysbiosis in Female Patients with Recurrent Cystitis: A Pilot Study. <i>Journal of Personalized Medicine</i> , 2022, 12, 1005.	1.1	3
84	Fecal microbiota transplantation for the treatment of steroid-refractory, intestinal, graft-versus-host disease in a pediatric patient. <i>Bone Marrow Transplantation</i> , 2022, 57, 1600-1603.	1.3	3
85	Effect on bovine lactoferrin on the activation of the enteroinvasive bacterial type III secretion system. <i>BioMetals</i> , 2004, 17, 261-265.	1.8	2
86	Colonization and persistence capacity of a multi-strain probiotic in food allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, AB229.	1.5	2
87	The putative role of gut microbiota in primary sclerosing cholangitis and ulcerative colitis in children. <i>Digestive and Liver Disease</i> , 2016, 48, e268.	0.4	1
88	Gut microbiota profiling in an infant colonized by multiresistant germ candidate to liver transplantation. <i>Digestive and Liver Disease</i> , 2015, 47, e254-e255.	0.4	0
89	P.07.10 FAECAL-ASSOCIATED AND MUCOSAL-ASSOCIATED MICROBIOTA IN INFLAMMATORY BOWEL DISEASE PATIENTS AND HEALTHY SUBJECTS: PRELIMINARY EVIDENCE. <i>Digestive and Liver Disease</i> , 2016, 48, e161.	0.4	0
90	Looking for the most Useful Taxa as Microbial Biomarkers to Decipher IBD Microbiota: A Pilot Study. <i>Gastroenterology</i> , 2017, 152, S626.	0.6	0

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91	OC.04.5 IL-33/ST2 LEVELS AND GUT MICROBIOTA CHARACTERIZATION CAN PREDICT MUCOSAL RESPONSE TO ANTI-TNF THERAPY IN ULCERATIVE COLITIS. <i>Digestive and Liver Disease</i> , 2019, 51, e87-e88.	0.4	0
92	OPO255â€¦MICROBIOTA TRANSPLANT TO CONTROL INFLAMMATION IN A NLRC4-RELATED DISEASE PATIENT WITH RECURRENT HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS (HLH). , 2019, , .		0
93	Bariatric procedures and microbiota: patient selection and outcome prediction. <i>Therapeutic Advances in Gastrointestinal Endoscopy</i> , 2021, 14, 263177452110147.	1.2	0