Marco Candela

List of Publications by Year
in descending order

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86	6,812	87888 38	64796 79
papers	citations	h-index	g-index

87	87	87	10070
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis of fecal bile acids and metabolites by high resolution mass spectrometry in farm animals and correlation with microbiota. Scientific Reports, 2022, 12, 2866.	3.3	5
2	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
3	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
4	Components of a Neanderthal gut microbiome recovered from fecal sediments from El Salt. Communications Biology, 2021, 4, 169.	4.4	28
5	Impact of Plastic Debris on the Gut Microbiota of Caretta caretta From Northwestern Adriatic Sea. Frontiers in Marine Science, 2021, 8, .	2.5	23
6	Bile acids and oxo-metabolites as markers of human faecal input in the ancient Pompeii ruins. Scientific Reports, 2021, 11, 3650.	3.3	6
7	Impact of Marine Aquaculture on the Microbiome Associated with Nearby Holobionts: The Case of Patella caerulea 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	Low-Dose Antibiotic Prophylaxis Induces Rapid Modifications of the Gut Microbiota in Infants With Vesicoureteral Reflux. Frontiers in Pediatrics, 2021, 9, 674716.	1.9	11
10	Changes in gut microbiota in the acute phase after spinal cord injury correlate with severity of the lesion. Scientific Reports, 2021, 11, 12743.	3.3	31
11	Influence of a High-Impact Multidimensional Rehabilitation Program on the Gut Microbiota of Patients with Multiple Sclerosis. International Journal of Molecular Sciences, 2021, 22, 7173.	4.1	16
12	Torque teno mini virus as a cause of childhood acute promyelocytic leukemia lacking PML/RARA fusion. Blood, 2021, 138, 1773-1777.	1.4	16
13	The gut microbiome buffers dietary adaptation in Bronze Age domesticated dogs. IScience, 2021, 24, 102816.	4.1	7
14	Microplastics shape the ecology of the human gastrointestinal intestinal tract. Current Opinion in Toxicology, 2021, 28, 32-37.	5.0	7
15	Variability of metabolic, protective, antioxidant, and lysosomal gene transcriptional profiles and microbiota composition of Mytilus galloprovincialis farmed in the North Adriatic Sea (Italy). Marine Pollution Bulletin, 2021, 172, 112847.	5.0	5
16	Elevated gut microbiome abundance of Christensenellaceae, Porphyromonadaceae and Rikenellaceae is associated with reduced visceral adipose tissue and healthier metabolic profile in Italian elderly. Gut Microbes, 2021, 13, 1-19.	9.8	127
17	A Specific Host/Microbial Signature of Plasma-Derived Extracellular Vesicles Is Associated to Thrombosis and Marrow Fibrosis in Polycythemia Vera. Cancers, 2021, 13, 4968.	3.7	0
18	An Abnormal Host/Microbiomes Signature of Plasma-Derived Extracellular Vesicles Is Associated to Polycythemia Vera. Frontiers in Oncology, 2021, 11, 715217.	2.8	7

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19	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
20	Searching for New Microbiome-Targeted Therapeutics through a Drug Repurposing Approach. Journal of Medicinal Chemistry, 2021, 64, 17277-17286.	6.4	4
21	Assessment of gut microbiota fecal metabolites by chromatographic targeted approaches. Journal of Pharmaceutical and Biomedical Analysis, 2020, 177, 112867.	2.8	23
22	Microbial colonization of different microplastic types and biotransformation of sorbed PCBs by a marine anaerobic bacterial community. Science of the Total Environment, 2020, 705, 135790.	8.0	79
23	Effects of increasing dietary level of organic acids and nature-identical compounds on growth, intestinal cytokine gene expression and gut microbiota of rainbow trout (Oncorhynchus mykiss) reared at normal and high temperature. Fish and Shellfish Immunology, 2020, 107, 324-335.	3.6	33
24	Do the human gut metagenomic species possess the minimal set of core functionalities necessary for life?. BMC Genomics, 2020, 21, 678.	2.8	3
25	Effects of Vitamin B2 Supplementation in Broilers Microbiota and Metabolome. Microorganisms, 2020, 8, 1134.	3.6	12
26	Effects of dietary organic acids and nature identical compounds on growth, immune parameters and gut microbiota of European sea bass. Scientific Reports, 2020, 10, 21321.	3.3	45
27	Patterns in microbiome composition differ with ocean acidification in anatomic compartments of the Mediterranean coral Astroides calycularis living at CO2 vents. Science of the Total Environment, 2020, 724, 138048.	8.0	19
28	Mediterranean diet intervention alters the gut microbiome in older people reducing frailty and improving health status: the NU-AGE 1-year dietary intervention across five European countries. Gut, 2020, 69, 1218-1228.	12.1	465
29	Tissue-scale microbiota of the Mediterranean mussel (Mytilus galloprovincialis) and its relationship with the environment. Science of the Total Environment, 2020, 717, 137209.	8.0	59
30	Enteral nutrition protects children undergoing allogeneic hematopoietic stem cell transplantation from blood stream infections. Nutrition Journal, 2020, 19, 29.	3.4	26
31	Shotgun Metagenomics of Gut Microbiota in Humans with up to Extreme Longevity and the Increasing Role of Xenobiotic Degradation. MSystems, 2020, 5, .	3.8	91
32	Tracking over time the developing gut microbiota in newborns admitted to a neonatal intensive care unit during an outbreak caused by ESBL-producing Klebsiella pneumoniae. New Microbiologica, 2020, 43, 186-190.	0.1	0
33	Faecal bacterial communities from Mediterranean loggerhead sea turtles (Caretta caretta). Environmental Microbiology Reports, 2019, 11, 361-371.	2.4	43
34	Gut microbiome response to a modern Paleolithic diet in a Western lifestyle context. PLoS ONE, 2019, 14, e0220619.	2.5	62
35	HumanMycobiomeScan: a new bioinformatics tool for the characterization of the fungal fraction in metagenomic samples. BMC Genomics, 2019, 20, 496.	2.8	21
36	Mechanisms underlying the cardiometabolic protective effect of walnut consumption in obese people: A crossâ€over, randomized, doubleâ€blind, controlled inpatient physiology study. Diabetes, Obesity and Metabolism, 2019, 21, 2086-2095.	4.4	33

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37	Early gut microbiota signature of aGvHD in children given allogeneic hematopoietic cell transplantation for hematological disorders. BMC Medical Genomics, 2019, 12, 49.	1.5	50
38	A Mediterranean Diet Mix Has Chemopreventive Effects in a Murine Model of Colorectal Cancer Modulating Apoptosis and the Gut Microbiota. Frontiers in Oncology, 2019, 9, 140.	2.8	26
39	Gut resistome plasticity in pediatric patients undergoing hematopoietic stem cell transplantation. Scientific Reports, 2019, 9, 5649.	3.3	19
40	Enteral Nutrition in Pediatric Patients Undergoing Hematopoietic SCT Promotes the Recovery of Gut Microbiome Homeostasis. Nutrients, 2019, 11, 2958.	4.1	63
41	Effect of Short-Term Dietary Intervention and Probiotic Mix Supplementation on the Gut Microbiota of Elderly Obese Women. Nutrients, 2019, 11, 3011.	4.1	47
42	Microbiotaâ€“Host Transgenomic Metabolism, Bioactive Molecules from the Inside. Journal of Medicinal Chemistry, 2018, 61, 47-61.	6.4	91
43	Gut microbiota changes in the extreme decades of human life: a focus on centenarians. Cellular and Molecular Life Sciences, 2018, 75, 129-148.	5.4	190
44	Iron deficiency anemia-related gut microbiota dysbiosis in infants and young children: A pilot study. Acta Microbiologica Et Immunologica Hungarica, 2018, 65, 551-564.	0.8	33
45	The Rootstock Regulates Microbiome Diversity in Root and Rhizosphere Compartments of Vitis vinifera Cultivar Lambrusco. Frontiers in Microbiology, 2018, 9, 2240.	3.5	54
46	Dietary geraniol ameliorates intestinal dysbiosis and relieves symptoms in irritable bowel syndrome patients: a pilot study. BMC Complementary and Alternative Medicine, 2018, 18, 338.	3.7	18
47	Pre-obese childrenâ€™s dysbiotic gut microbiome and unhealthy diets may predict the development of obesity. Communications Biology, 2018, 1, 222.	4.4	65
48	Microbial Community Dynamics in Motherâ€™s Milk and Infantâ€™s Mouth and Gut in Moderately Preterm Infants. Frontiers in Microbiology, 2018, 9, 2512.	3.5	62
49	Simultaneous HS-SPME GC-MS determination of short chain fatty acids, trimethylamine and trimethylamine N-oxide for gut microbiota metabolic profile. Talanta, 2018, 189, 573-578.	5.5	33
50	Infant and Adult Gut Microbiome and Metabolome in Rural Bassa and Urban Settlers from Nigeria. Cell Reports, 2018, 23, 3056-3067.	6.4	128
51	Temporal dynamics of the gut microbiota in people sharing a confined environment, a 520-day ground-based space simulation, MARS500. Microbiome, 2017, 5, 39.	11.1	89
52	The gut microbiota of centenarians: Signatures of longevity in the gut microbiota profile. Mechanisms of Ageing and Development, 2017, 165, 180-184.	4.6	125
53	Characterization of the human DNA gut virome across populations with different subsistence strategies and geographical origin. Environmental Microbiology, 2017, 19, 4728-4735.	3.8	32
54	Short-term treatment with eicosapentaenoic acid improves inflammation and affects colonic differentiation markers and microbiota in patients with ulcerative colitis. Scientific Reports, 2017, 7, 7458.	3.3	54

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55	Gut microbiome response to shortâ€term dietary interventions in reactive hypoglycemia subjects. Diabetes/Metabolism Research and Reviews, 2017, 33, e2927.	4.0	14
56	Variation of Carbohydrate-Active Enzyme Patterns in the Gut Microbiota of Italian Healthy Subjects and Type 2 Diabetes Patients. Frontiers in Microbiology, 2017, 8, 2079.	3.5	20
57	Unraveling the gut microbiome of the long-lived naked mole-rat. Scientific Reports, 2017, 7, 9590.	3.3	46
58	Microbiota, NASH, HCC and the potential role of probiotics. Carcinogenesis, 2017, 38, 231-240.	2.8	125
59	Enterocyte-Associated Microbiome of the Hadza Hunter-Gatherers. Frontiers in Microbiology, 2016, 7, 865.	3.5	17
60	Variations in the Post-weaning Human Gut Metagenome Profile As Result of Bifidobacterium Acquisition in the Western Microbiome. Frontiers in Microbiology, 2016, 07, 1058.	3.5	14
61	Dietary Geraniol by Oral or Enema Administration Strongly Reduces Dysbiosis and Systemic Inflammation in Dextran Sulfate Sodium-Treated Mice. Frontiers in Pharmacology, 2016, 7, 38.	3.5	34
62	Modulation of gut microbiota dysbioses in type 2 diabetic patients by macrobiotic Ma-Pi 2 diet. British Journal of Nutrition, 2016, 116, 80-93.	2.3	181
63	Gut Microbiota and Extreme Longevity. Current Biology, 2016, 26, 1480-1485.	3.9	668
64	Fecal metabolome of the Hadza hunter-gatherers: a host-microbiome integrative view. Scientific Reports, 2016, 6, 32826.	3.3	88
65	ViromeScan: a new tool for metagenomic viral community profiling. BMC Genomics, 2016, 17, 165.	2.8	118
66	Microbiota and lifestyle interactions through the lifespan. Trends in Food Science and Technology, 2016, 57, 265-272.	15.1	24
67	The bottlenose dolphin (Tursiops truncatus) faecal microbiota. FEMS Microbiology Ecology, 2016, 92, fiw055.	2.7	38
68	The Typhoid Toxin Promotes Host Survival and the Establishment of a Persistent Asymptomatic Infection. PLoS Pathogens, 2016, 12, e1005528.	4.7	60
69	The effect of short-chain fatty acids on human monocyte-derived dendritic cells. Scientific Reports, 2015, 5, 16148.	3.3	269
70	BehÃ§et's syndrome patients exhibit specific microbiome signature. Autoimmunity Reviews, 2015, 14, 269-276.	5.8	195
71	Dynamic efficiency of the human intestinal microbiota. Critical Reviews in Microbiology, 2015, 41, 165-171.	6.1	32
72	Metagenome Sequencing of the Hadza Hunter-Gatherer Gut Microbiota. Current Biology, 2015, 25, 1682-1693.	3.9	342

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73	Cyclooxygenase-2 Silencing for the Treatment of Colitis: A Combined In Vivo Strategy Based on RNA Interference and Engineered Escherichia Coli. Molecular Therapy, 2015, 23, 278-289.	8.2	25
74	Gut Microbiome in Down Syndrome. PLoS ONE, 2014, 9, e112023.	2.5	51
75	From lifetime to evolution: timescales of human gut microbiota adaptation. Frontiers in Microbiology, 2014, 5, 587.	3.5	91
76	Gut microbiome of the Hadza hunter-gatherers. Nature Communications, 2014, 5, 3654.	12.8	1,067
77	The Three Genetics (Nuclear DNA, Mitochondrial DNA, and Gut Microbiome) of Longevity in Humans Considered as Metaorganisms. BioMed Research International, 2014, 2014, 1-14.	1.9	25
78	Inflammation and colorectal cancer, when microbiota-host mutualism breaks. World Journal of Gastroenterology, 2014, 20, 908.	3.3	176
79	Maintenance of a healthy trajectory of the intestinal microbiome during aging: A dietary approach. Mechanisms of Ageing and Development, 2014, 136-137, 70-75.	4.6	72
80	Systems Biology Approaches for Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2014, 20, 2104-2114.	1.9	32
81	The Enterocyte-Associated Intestinal Microbiota of Breast-Fed Infants and Adults Responds Differently to a TNF-Î±-Mediated Pro-Inflammatory Stimulus. PLoS ONE, 2013, 8, e81762.	2.5	19
82	Intestinal microbiota is a plastic factor responding to environmental changes. Trends in Microbiology, 2012, 20, 385-391.	7.7	152
83	Bifidobacterial enolase, a cell surface receptor for human plasminogen involved in the interaction with the host. Microbiology (United Kingdom), 2009, 155, 3294-3303.	1.8	110
84	Plasminogen-dependent proteolytic activity in Bifidobacterium lactis. Microbiology (United Kingdom), 2008, 154, 2457-2462.	1.8	12
85	Binding of Human Plasminogen toBifidobacterium. Journal of Bacteriology, 2007, 189, 5929-5936.	2.2	109
86	Real-time PCR quantification of bacterial adhesion to Caco-2 cells: Competition between bifidobacteria and enteropathogens. Research in Microbiology, 2005, 156, 887-895.	2.1	69