

# Maria Cristina Ossiprandi

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,412  
citations

257101

24  
h-index

360668

35  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodegradation of Pharmaceutical Pollutants: New Photocatalytic Systems Based on 3D Printed Scaffold-Supported Ag/TiO <sub>2</sub> Nanocomposite. <i>Catalysts</i> , 2022, 12, 580.	1.6	6
2	Protocol to Select Bifidobacteria from Fecal and Environmental Samples. <i>Methods in Molecular Biology</i> , 2021, 2278, 61-70.	0.4	1
3	Biocompatible 3D Printed Chitosan-Based Scaffolds Containing Î±-Tocopherol Showing Antioxidant and Antimicrobial Activity. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7253.	1.3	9
4	Phylogenetic classification of ten novel species belonging to the genus <i>Bifidobacterium</i> comprising <i>B. phasiani</i> sp. nov., <i>B. pongonis</i> sp. nov., <i>B. saguinibicoloris</i> sp. nov., <i>B. colobi</i> sp. nov., <i>B. simiiventris</i> sp. nov., <i>B. santillanense</i> sp. nov., <i>B. miconis</i> sp. nov., <i>B. amazonense</i> sp. nov., <i>B. pluvialisilvae</i> sp. nov., and <i>B. miconisargentati</i> sp. nov. <i>Systematic and Applied Microbiology</i> , 2021, 44, 126273.	1.2	42
5	Untangling Species-Level Composition of Complex Bacterial Communities through a Novel Metagenomic Approach. <i>MSystems</i> , 2020, 5, .	1.7	13
6	Multi-omics Approaches To Decipher the Impact of Diet and Host Physiology on the Mammalian Gut Microbiome. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	24
7	Catching a glimpse of the bacterial gut community of companion animals: a canine and feline perspective. <i>Microbial Biotechnology</i> , 2020, 13, 1708-1732.	2.0	38
8	Evolutionary development and co-phylogeny of primate-associated bifidobacteria. <i>Environmental Microbiology</i> , 2020, 22, 3375-3393.	1.8	17
9	Investigating bifidobacteria and human milk oligosaccharide composition of lactating mothers. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	33
10	Three-Dimensional (3D) Printed Silver Nanoparticles/Alginate/Nanocrystalline Cellulose Hydrogels: Study of the Antimicrobial and Cytotoxicity Efficacy. <i>Nanomaterials</i> , 2020, 10, 844.	1.9	34
11	Ecology of Lactobacilli Present in Italian Cheeses Produced from Raw Milk. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	9
12	Characterization of the phylogenetic diversity of two novel species belonging to the genus <i>Bifidobacterium</i> : <i>Bifidobacterium cebidarum</i> sp. nov. and <i>Bifidobacterium leontopithecii</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2288-2297.	0.8	22
13	Deciphering the Bifidobacterial Populations within the Canine and Feline Gut Microbiota. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	30
14	The impact of human-facilitated selection on the gut microbiota of domesticated mammals. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	29
15	Bifidobacterial Dialogue With Its Human Host and Consequent Modulation of the Immune System. <i>Frontiers in Immunology</i> , 2019, 10, 2348.	2.2	81
16	Metagenomic dissection of the canine gut microbiota: insights into taxonomic, metabolic and nutritional features. <i>Environmental Microbiology</i> , 2019, 21, 1331-1343.	1.8	60
17	<i>Bifidobacterium bifidum</i> and the infant gut microbiota: an intriguing case of microbe-host co-evolution. <i>Environmental Microbiology</i> , 2019, 21, 3683-3695.	1.8	47
18	Isolation of novel gut bifidobacteria using a combination of metagenomic and cultivation approaches. <i>Genome Biology</i> , 2019, 20, 96.	3.8	44

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19	Colonization of the human gut by bovine bacteria present in Parmesan cheese. <i>Nature Communications</i> , 2019, 10, 1286.	5.8	46
20	Ability of bifidobacteria to metabolize chitin-glucan and its impact on the gut microbiota. <i>Scientific Reports</i> , 2019, 9, 5755.	1.6	22
21	Bifidobacterial Distribution Across Italian Cheeses Produced from Raw Milk. <i>Microorganisms</i> , 2019, 7, 599.	1.6	8
22	Characterization of the phylogenetic diversity of five novel species belonging to the genus <i>Bifidobacterium</i> : <i>Bifidobacterium castoris</i> sp. nov., <i>Bifidobacterium callimiconis</i> sp. nov., <i>Bifidobacterium goeldii</i> sp. nov., <i>Bifidobacterium samirii</i> sp. nov. and <i>Bifidobacterium dolichotidis</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1288-1298.	0.8	45
23	Phylogenetic classification of six novel species belonging to the genus <i>Bifidobacterium</i> comprising <i>Bifidobacterium anseris</i> sp. nov., <i>Bifidobacterium criceti</i> sp. nov., <i>Bifidobacterium imperatoris</i> sp. nov., <i>Bifidobacterium italicum</i> sp. nov., <i>Bifidobacterium margollesii</i> sp. nov. and <i>Bifidobacterium parmae</i> sp. nov.. <i>Systematic and Applied Microbiology</i> , 2018, 41, 173-183.	1.2	58
24	Phylotype-Level Profiling of Lactobacilli in Highly Complex Environments by Means of an Internal Transcribed Spacer-Based Metagenomic Approach. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	16
25	Kebab: can the traditional cooking process sanitize a natural contamination by <i>Listeria monocytogenes</i> ?. <i>Italian Journal of Food Safety</i> , 2018, 7, 7167.	0.5	1
26	The synergistic effect of organic acids, phytochemicals and a permeabilizing complex reduces <i>Salmonella Typhimurium</i> 1,4,[5],12:i-shedding in pigs. <i>Veterinary Research Communications</i> , 2018, 42, 209-217.	0.6	5
27	Natural zeolite (chabazite/phillipsite) dietary supplementation influences faecal microbiota and oxidant status of working dogs. <i>Italian Journal of Animal Science</i> , 2017, 16, 115-121.	0.8	5
28	Next generation sequencing-based multigene panel for high throughput detection of food-borne pathogens. <i>International Journal of Food Microbiology</i> , 2017, 256, 20-29.	2.1	27
29	Untangling the cecal microbiota of feral chickens by culturomic and metagenomic analyses. <i>Environmental Microbiology</i> , 2017, 19, 4771-4783.	1.8	49
30	Unveiling bifidobacterial biogeography across the mammalian branch of the tree of life. <i>ISME Journal</i> , 2017, 11, 2834-2847.	4.4	96
31	Prime-boost vaccination with attenuated <i>Salmonella Typhimurium</i> $\hat{\nu}$ znuABC and inactivated <i>Salmonella Choleraesuis</i> is protective against <i>Salmonella Choleraesuis</i> challenge infection in piglets. <i>BMC Veterinary Research</i> , 2017, 13, 284.	0.7	9
32	<i>Bifidobacterium vansinderenii</i> sp. nov., isolated from faeces of emperor tamarin ( <i>Saguinus imperator</i> ). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3987-3995.	0.8	32
33	Microbiological contamination in three large-scale pig slaughterhouses in Northern Italy. <i>Italian Journal of Food Safety</i> , 2016, 5, 6151.	0.5	9
34	Modulation of the Bifidobacterial Communities of the Dog Microbiota by Zeolite. <i>Frontiers in Microbiology</i> , 2016, 7, 1491.	1.5	10
35	Insights into the biodiversity of the gut microbiota of broiler chickens. <i>Environmental Microbiology</i> , 2016, 18, 4727-4738.	1.8	152
36	Prophages of the genus <i>Bifidobacterium</i> as modulating agents of the infant gut microbiota. <i>Environmental Microbiology</i> , 2016, 18, 2196-2213.	1.8	66

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37	Osteogenic response and osteoprotective effects in vivo of a nanostructured titanium surface with antibacterial properties. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 52.	1.7	11
38	Exploring Amino Acid Auxotrophy in <i>Bifidobacterium bifidum</i> PRL2010. <i>Frontiers in Microbiology</i> , 2015, 6, 1331.	1.5	45
39	Antimicrobial Susceptibility of Enterococcal Species Isolated from Italian Dogs. , 2015, , .		3
40	Inactivated <i>Salmonella enterica</i> serovar Typhimurium monophasic variant ( S . Typhimurium 1,4,[5],12:i-) in sows is effective to control infection in piglets under field condition. <i>Veterinary Microbiology</i> , 2015, 180, 82-89.	0.8	12
41	Effects of dietary nucleotide supplementation on growth performance and hormonal and immune responses of piglets. <i>Animal</i> , 2012, 6, 902-908.	1.3	37
42	Lytic enzyme discovery through multigenomic sequence analysis in <i>Clostridium perfringens</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 1783-1795.	1.7	33
43	Preliminary molecular analysis of <i>Clostridium difficile</i> isolates from healthy horses in northern Italy. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2010, 33, e25-e29.	0.7	17
44	Assessment of Enteral Bacteria. <i>Current Protocols in Toxicology</i> / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ], 2010, 44, Unit 21.3.	1.1	0
45	Susceptibility to vancomycin and other antibiotics of 165 <i>Enterococcus</i> strains isolated from dogs in Italy. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2008, 31, 1-9.	0.7	26
46	Protective effects of proton pump inhibitors against indomethacin-induced lesions in the rat small intestine. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007, 374, 283-291.	1.4	33