

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	Insights into the biodiversity of the gut microbiota of broiler chickens. <i>Environmental Microbiology</i> , 2016, 18, 4727-4738.	1.8	152
2	Unveiling bifidobacterial biogeography across the mammalian branch of the tree of life. <i>ISME Journal</i> , 2017, 11, 2834-2847.	4.4	96
3	Bifidobacterial Dialogue With Its Human Host and Consequent Modulation of the Immune System. <i>Frontiers in Immunology</i> , 2019, 10, 2348.	2.2	81
4	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
5	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
6	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
7	Untangling the cecal microbiota of feral chickens by culturomic and metagenomic analyses. <i>Environmental Microbiology</i> , 2017, 19, 4771-4783.	1.8	49
8	<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
9	Colonization of the human gut by bovine bacteria present in Parmesan cheese. <i>Nature Communications</i> , 2019, 10, 1286.	5.8	46
10	Exploring Amino Acid Auxotrophy in <i>Bifidobacterium bifidum</i> PRL2010. <i>Frontiers in Microbiology</i> , 2015, 6, 1331.	1.5	45
11	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
12	Isolation of novel gut bifidobacteria using a combination of metagenomic and cultivation approaches. <i>Genome Biology</i> , 2019, 20, 96.	3.8	44
13	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. saguinicoloris</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
14	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
15	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
16	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
17	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
18	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

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19	Investigating bifidobacteria and human milk oligosaccharide composition of lactating mothers. FEMS Microbiology Ecology, 2020, 96, .	1.3	33
20	Bifidobacterium vansinderenii sp. nov., isolated from faeces of emperor tamarin (Saguinus imperator). International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3987-3995.	0.8	32
21	Deciphering the Bifidobacterial Populations within the Canine and Feline Gut Microbiota. Applied and Environmental Microbiology, 2020, 86, .	1.4	30
22	The impact of human-facilitated selection on the gut microbiota of domesticated mammals. FEMS Microbiology Ecology, 2019, 95, .	1.3	29
23	Next generation sequencing-based multigene panel for high throughput detection of food-borne pathogens. International Journal of Food Microbiology, 2017, 256, 20-29.	2.1	27
24	Susceptibility to vancomycin and other antibiotics of 165 Enterococcus strains isolated from dogs in Italy. Comparative Immunology, Microbiology and Infectious Diseases, 2008, 31, 1-9.	0.7	26
25	Multi-omics Approaches To Decipher the Impact of Diet and Host Physiology on the Mammalian Gut Microbiome. Applied and Environmental Microbiology, 2020, 86, .	1.4	24
26	Ability of bifidobacteria to metabolize chitin-glucan and its impact on the gut microbiota. Scientific Reports, 2019, 9, 5755.	1.6	22
27	Characterization of the phylogenetic diversity of two novel species belonging to the genus Bifidobacterium: Bifidobacterium cebidarum sp. nov. and Bifidobacterium leontopithecii sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2288-2297.	0.8	22
28	Preliminary molecular analysis of Clostridium difficile isolates from healthy horses in northern Italy. Comparative Immunology, Microbiology and Infectious Diseases, 2010, 33, e25-e29.	0.7	17
29	Evolutionary development and co-phylogeny of primate-associated bifidobacteria. Environmental Microbiology, 2020, 22, 3375-3393.	1.8	17
30	Phylotype-Level Profiling of Lactobacilli in Highly Complex Environments by Means of an Internal Transcribed Spacer-Based Metagenomic Approach. Applied and Environmental Microbiology, 2018, 84, .	1.4	16
31	Untangling Species-Level Composition of Complex Bacterial Communities through a Novel Metagenomic Approach. MSystems, 2020, 5, .	1.7	13
32	Inactivated Salmonella enterica serovar Typhimurium monophasic variant (S . Typhimurium 1,4,[5],12:i-) in sows is effective to control infection in piglets under field condition. Veterinary Microbiology, 2015, 180, 82-89.	0.8	12
33	Osteogenic response and osteoprotective effects in vivo of a nanostructured titanium surface with antibacterial properties. Journal of Materials Science: Materials in Medicine, 2016, 27, 52.	1.7	11
34	Modulation of the Bifidobacterial Communities of the Dog Microbiota by Zeolite. Frontiers in Microbiology, 2016, 7, 1491.	1.5	10
35	Microbiological contamination in three large-scale pig slaughterhouses in Northern Italy. Italian Journal of Food Safety, 2016, 5, 6151.	0.5	9
36	Prime-boost vaccination with attenuated Salmonella Typhimurium $\hat{\nu}$ ABC and inactivated Salmonella Choleraesuis is protective against Salmonella Choleraesuis challenge infection in piglets. BMC Veterinary Research, 2017, 13, 284.	0.7	9

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37	Ecology of Lactobacilli Present in Italian Cheeses Produced from Raw Milk. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	9
38	Biocompatible 3D Printed Chitosan-Based Scaffolds Containing $\hat{\alpha}$ -Tocopherol Showing Antioxidant and Antimicrobial Activity. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7253.	1.3	9
39	Bifidobacterial Distribution Across Italian Cheeses Produced from Raw Milk. <i>Microorganisms</i> , 2019, 7, 599.	1.6	8
40	Photodegradation of Pharmaceutical Pollutants: New Photocatalytic Systems Based on 3D Printed Scaffold-Supported Ag/TiO ₂ Nanocomposite. <i>Catalysts</i> , 2022, 12, 580.	1.6	6
41	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
42	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
43	Antimicrobial Susceptibility of Enterococcal Species Isolated from Italian Dogs. , 2015, , .		3
44	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
45	Protocol to Select Bifidobacteria from Fecal and Environmental Samples. <i>Methods in Molecular Biology</i> , 2021, 2278, 61-70.	0.4	1
46	Assessment of Enteral Bacteria. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2010, 44, Unit 21.3.	1.1	0