

Vera Bunesova

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,237
citations

471061

17
h-index

414034

32
g-index

59
all docs

59
docs citations

59
times ranked

1565
citing authors

#	ARTICLE	IF	CITATIONS
1	Five novel bifidobacterial species isolated from faeces of primates in two Czech zoos: <i>Bifidobacterium erythrocebi</i> sp. nov., <i>Bifidobacterium moraviense</i> sp. nov., <i>Bifidobacterium oedipodis</i> sp. nov., <i>Bifidobacterium olomucense</i> sp. nov. and <i>Bifidobacterium panos</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	26
2	Microbial shifts of faecal microbiota using enteral nutrition in vitro. <i>Journal of Functional Foods</i> , 2021, 77, 104330.	1.6	3
3	Antibiotic susceptibility screening of primate-associated <i>Clostridium ventriculi</i> . <i>Anaerobe</i> , 2021, 69, 102347.	1.0	5
4	The bifidobacterial distribution in the microbiome of captive primates reflects parvorder and feed specialization of the host. <i>Scientific Reports</i> , 2021, 11, 15273.	1.6	10
5	3-Hydroxypropionic acid contributes to the antibacterial activity of glycerol metabolism by the food microbe <i>Limosilactobacillus reuteri</i> . <i>Food Microbiology</i> , 2021, 98, 103720.	2.1	15
6	Glutamine synthetase type I (glnAI) represents a rewarding molecular marker in the classification of bifidobacteria and related genera. <i>Folia Microbiologica</i> , 2020, 65, 143-151.	1.1	3
7	Initial butyrate producers during infant gut microbiota development are endospore formers. <i>Environmental Microbiology</i> , 2020, 22, 3909-3921.	1.8	49
8	Colonization of Germ-Free Piglets with Mucinolytic and Non-Mucinolytic <i>Bifidobacterium boum</i> Strains Isolated from the Intestine of Wild Boar and Their Interference with <i>Salmonella Typhimurium</i> . <i>Microorganisms</i> , 2020, 8, 2002.	1.6	7
9	Decoding the Genomic Variability among Members of the <i>Bifidobacterium dentium</i> Species. <i>Microorganisms</i> , 2020, 8, 1720.	1.6	18
10	<i>Bifidobacterium</i> Î ² -Glucosidase Activity and Fermentation of Dietary Plant Glucosides Is Species and Strain Specific. <i>Microorganisms</i> , 2020, 8, 839.	1.6	21
11	<i>Bifidobacterium canis</i> sp. nov., a novel member of the <i>Bifidobacterium pseudolongum</i> phylogenetic group isolated from faeces of a dog (<i>Canis lupus f. familiaris</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 5040-5047.	0.8	14
12	Colonization of Germ-Free Piglets with Commensal <i>Lactobacillus amylovorus</i> , <i>Lactobacillus mucosae</i> , and Probiotic <i>E. coli</i> Nissle 1917 and Their Interference with <i>Salmonella Typhimurium</i> . <i>Microorganisms</i> , 2019, 7, 273.	1.6	12
13	Genetic marker-based multi-locus sequence analysis for classification, genotyping, and phylogenetics of the family Bifidobacteriaceae as an alternative approach to phylogenomics. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 1785-1800.	0.7	2
14	Enteral Nutrition as a Growth Medium for Cultivable Commensal Bacteria and Its Effect on Their Quantity in the Stool of Children with Crohn's Disease. <i>Journal of Medicinal Food</i> , 2019, 22, 810-816.	0.8	1
15	Prebiotic potential of natural gums and starch for bifidobacteria of variable origins. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2019, 20, 100199.	1.5	14
16	<i>Cutibacterium avidum</i> is phylogenetically diverse with a subpopulation being adapted to the infant gut. <i>Systematic and Applied Microbiology</i> , 2019, 42, 506-516.	1.2	8
17	High Mobility Group Box 1 and TLR4 Signaling Pathway in Gnotobiotic Piglets Colonized/Infected with <i>L. amylovorus</i> , <i>L. mucosae</i> , <i>E. coli</i> Nissle 1917 and <i>S. Typhimurium</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 6294.	1.8	13
18	Gene encoding the <sc>CTP</sc> synthetase as an appropriate molecular tool for identification and phylogenetic study of the family <i>Bifidobacteriaceae</i>. <i>MicrobiologyOpen</i> , 2018, 7, e00579.	1.2	10

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19	Mucin Cross-Feeding of Infant Bifidobacteria and Eubacterium hallii. <i>Microbial Ecology</i> , 2018, 75, 228-238.	1.4	112
20	The threonine-tRNA ligase gene region is applicable in classification, typing, and phylogenetic analysis of bifidobacteria. <i>Journal of Microbiology</i> , 2018, 56, 713-721.	1.3	6
21	Cultivable bacteria from <i>Pectinatella magnifica</i> and the surrounding water in South Bohemia indicate potential new Gammaproteobacterial, Betaproteobacterial and Firmicutes taxa. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	4
22	Evaluation of the <i>infB</i> and <i>rpsB</i> gene fragments as genetic markers intended for identification and phylogenetic analysis of particular representatives of the order Lactobacillales. <i>Archives of Microbiology</i> , 2018, 200, 1427-1437.	1.0	7
23	Mucin Cross-feeding Shapes The Metabolic Environment In The Infant Gut. , 2018, , .		0
24	Diversity of the subspecies <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> . <i>Anaerobe</i> , 2017, 44, 40-47.	1.0	24
25	Selection of prebiotic oligosaccharides suitable for synbiotic use in calves. <i>Animal Feed Science and Technology</i> , 2017, 229, 73-78.	1.1	5
26	Methods of Studying Diversity of Bacterial Communities: A Review. <i>Scientia Agriculturae Bohemica</i> , 2017, 48, 154-165.	0.3	9
27	Assessment of the synbiotic properties of human milk oligosaccharides and <i>Bifidobacterium longum</i> subsp. <i>infantis</i> in vitro and in humanised mice. <i>Beneficial Microbes</i> , 2017, 8, 281-289.	1.0	19
28	Bifidobacteria, Lactobacilli, and Short Chain Fatty Acids of Vegetarians and Omnivores. <i>Scientia Agriculturae Bohemica</i> , 2017, 48, 47-54.	0.3	4
29	Trophic Interactions of Infant Bifidobacteria and Eubacterium hallii during L-Fucose and Fucosyllactose Degradation. <i>Frontiers in Microbiology</i> , 2017, 8, 95.	1.5	131
30	<i>Galliscardovia ingluviei</i> gen. nov., sp. nov., a thermophilic bacterium of the family Bifidobacteriaceae isolated from the crop of a laying hen (<i>Gallus gallus</i> f. <i>domesticus</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2403-2411.	0.8	14
31	Persistence of bifidobacteria in the intestines of calves after administration in freeze-dried form or in fermented milk. <i>Czech Journal of Animal Science</i> , 2016, 61, 49-57.	0.5	4
32	Fucosyllactose and L-fucose utilization of infant <i>Bifidobacterium longum</i> and <i>Bifidobacterium kashiwanohense</i> . <i>BMC Microbiology</i> , 2016, 16, 248.	1.3	123
33	Human milk is a source of prebiotics or also probiotics for babies?. <i>Pediatric Pro Praxi</i> , 2016, 17, 27-31.	0.1	0
34	Identification of microbiota associated with <i>Pectinatella magnifica</i> in South Bohemia. <i>Biologia (Poland)</i> , 2015, 70, 365-371.	0.8	2
35	Comparison of mupirocin-based media for selective enumeration of bifidobacteria in probiotic supplements. <i>Journal of Microbiological Methods</i> , 2015, 109, 106-109.	0.7	14
36	Prebiotic Effects of a Novel Combination of Galactooligosaccharides and Maltodextrins. <i>Journal of Medicinal Food</i> , 2015, 18, 685-689.	0.8	17

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37	Colonisation of the gut by bifidobacteria is much more common in vaginal deliveries than Caesarean sections. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, e184-6.	0.7	12
38	A new medium containing mupirocin, acetic acid, and norfloxacin for the selective cultivation of bifidobacteria. <i>Anaerobe</i> , 2015, 34, 27-33.	1.0	23
39	Variation in Honey Bee Gut Microbial Diversity Affected by Ontogenetic Stage, Age and Geographic Location. <i>PLoS ONE</i> , 2015, 10, e0118707.	1.1	84
40	Effect of rearing systems and diets composition on the survival of probiotic bifidobacteria in the digestive tract of calves. <i>Livestock Science</i> , 2015, 178, 317-321.	0.6	5
41	Direct identification of bifidobacteria from probiotic supplements. <i>Czech Journal of Food Sciences</i> , 2014, 32, 132-136.	0.6	2
42	Beneficial effects of human milk oligosaccharides on gut microbiota. <i>Beneficial Microbes</i> , 2014, 5, 273-283.	1.0	104
43	Bifidobacteria from the gastrointestinal tract of animals: differences and similarities. <i>Beneficial Microbes</i> , 2014, 5, 377-388.	1.0	34
44	Isolation and characterization of bifidobacteria from ovine cheese. <i>International Journal of Food Microbiology</i> , 2014, 188, 26-30.	2.1	18
45	Mupirocin-mucin agar for selective enumeration of <i>Bifidobacterium bifidum</i> . <i>International Journal of Food Microbiology</i> , 2014, 191, 32-35.	2.1	4
46	<i>Pseudoscardovia radai</i> sp. nov., a representative of the family Bifidobacteriaceae isolated from the digestive tract of a wild pig (<i>Sus scrofa scrofa</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2932-2938.	0.8	23
47	Identification of bifidobacteria isolated from Asian elephant (<i>Elephas maximus</i>). <i>Journal of Biosciences</i> , 2013, 38, 239-243.	0.5	6
48	<i>Pseudoscardovia suis</i> gen. nov., sp. nov., a new member of the family Bifidobacteriaceae isolated from the digestive tract of wild pigs (<i>Sus scrofa</i>). <i>Systematic and Applied Microbiology</i> , 2013, 36, 11-16.	1.2	36
49	<i>Alloscardovia macacae</i> sp. nov., isolated from the milk of a macaque (<i>Macaca mulatta</i>), emended description of the genus <i>Alloscardovia</i> and proposal of <i>Alloscardovia criceti</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 4439-4446.	0.8	29
50	Growth of bifidobacteria in mammalian milk. <i>Czech Journal of Animal Science</i> , 2013, 58, 99-105.	0.5	6
51	<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> strains isolated from dog faeces. <i>Veterinary Microbiology</i> , 2012, 160, 501-505.	0.8	19
52	Growth of infant fecal bacteria on commercial prebiotics. <i>Folia Microbiologica</i> , 2012, 57, 273-275.	1.1	11
53	Inter-species differences in the growth of bifidobacteria cultured on human milk oligosaccharides. <i>Folia Microbiologica</i> , 2012, 57, 321-324.	1.1	12
54	Growth and survival of lactic acid bacteria in lucerne silage. <i>Folia Microbiologica</i> , 2012, 57, 359-362.	1.1	4

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55	Characterization of bifidobacteria suitable for probiotic use in calves. <i>Anaerobe</i> , 2012, 18, 166-168.	1.0	14
56	Identification of <i>Bifidobacterium</i> strains from faeces of lambs. <i>Small Ruminant Research</i> , 2012, 105, 355-360.	0.6	10
57	Occurrence of bifidobacteria and lactobacilli in digestive tract of some freshwater fishes. <i>Biologia (Poland)</i> , 2012, 67, 411-416.	0.8	23
58	Growth of bifidobacteria and clostridia on human and cow milk saccharides. <i>Anaerobe</i> , 2011, 17, 223-225.	1.0	17
59	Survival of bifidobacteria administered to calves. <i>Folia Microbiologica</i> , 2010, 55, 390-392.	1.1	15