Vera Bunesova

List of Publications by Year in descending order

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59	1,237	471061	414034
papers	citations	17	32
		h-index	g-index

59	59	59	1565
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trophic Interactions of Infant Bifidobacteria and Eubacterium hallii during L-Fucose and Fucosyllactose Degradation. Frontiers in Microbiology, 2017, 8, 95.	1.5	131
2	Fucosyllactose and L-fucose utilization of infant Bifidobacterium longum and Bifidobacterium kashiwanohense. BMC Microbiology, 2016, 16, 248.	1.3	123
3	Mucin Cross-Feeding of Infant Bifidobacteria and Eubacterium hallii. Microbial Ecology, 2018, 75, 228-238.	1.4	112
4	Beneficial effects of human milk oligosaccharides on gut microbiota. Beneficial Microbes, 2014, 5, 273-283.	1.0	104
5	Variation in Honey Bee Gut Microbial Diversity Affected by Ontogenetic Stage, Age and Geographic Location. PLoS ONE, 2015, 10, e0118707.	1.1	84
6	Initial butyrate producers during infant gut microbiota development are endospore formers. Environmental Microbiology, 2020, 22, 3909-3921.	1.8	49
7	Pseudoscardovia suis gen. nov., sp. nov., a new member of the family Bifidobacteriaceae isolated from the digestive tract of wild pigs (Sus scrofa). Systematic and Applied Microbiology, 2013, 36, 11-16.	1.2	36
8	Bifidobacteria from the gastrointestinal tract of animals: differences and similarities. Beneficial Microbes, 2014, 5, 377-388.	1.0	34
9	Alloscardovia macacae sp. nov., isolated from the milk of a macaque (Macaca mulatta), emended description of the genus Alloscardovia and proposal of Alloscardovia criceti comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4439-4446.	0.8	29
10	Five novel bifidobacterial species isolated from faeces of primates in two Czech zoos: Bifidobacterium erythrocebi sp. nov., Bifidobacterium moraviense sp. nov., Bifidobacterium oedipodis sp. nov., Bifidobacterium olomucense sp. nov. and Bifidobacterium panos sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	26
11	Diversity of the subspecies Bifidobacterium animalis subsp. lactis. Anaerobe, 2017, 44, 40-47.	1.0	24
12	Occurrence of bifidobacteria and lactobacilli in digestive tract of some freshwater fishes. Biologia (Poland), 2012, 67, 411-416.	0.8	23
13	A new medium containing mupirocin, acetic acid, and norfloxacin for the selective cultivation of bifidobacteria. Anaerobe, 2015, 34, 27-33.	1.0	23
14	Pseudoscardovia radai sp. nov., a representative of the family Bifidobacteriaceae isolated from the digestive tract of a wild pig (Sus scrofa scrofa). International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2932-2938.	0.8	23
15	Bifidobacterium Î²-Glucosidase Activity and Fermentation of Dietary Plant Glucosides Is Species and Strain Specific. Microorganisms, 2020, 8, 839.	1.6	21
16	Bifidobacterium animalis subsp. lactis strains isolated from dog faeces. Veterinary Microbiology, 2012, 160, 501-505.	0.8	19
17	Assessment of the synbiotic properites of human milk oligosaccharides and Bifidobacterium longum subsp. infantis in vitro and in humanised mice. Beneficial Microbes, 2017, 8, 281-289.	1.0	19
18	Isolation and characterization of bifidobacteria from ovine cheese. International Journal of Food Microbiology, 2014, 188, 26-30.	2.1	18

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19	Decoding the Genomic Variability among Members of the Bifidobacterium dentium Species. Microorganisms, 2020, 8, 1720.	1.6	18
20	Growth of bifidobacteria and clostridia on human and cow milk saccharides. Anaerobe, 2011, 17, 223-225.	1.0	17
21	Prebiotic Effects of a Novel Combination of Galactooligosaccharides and Maltodextrins. Journal of Medicinal Food, 2015, 18, 685-689.	0.8	17
22	Survival of bifidobacteria administered to calves. Folia Microbiologica, 2010, 55, 390-392.	1.1	15
23	3-Hydroxypropionic acid contributes to the antibacterial activity of glycerol metabolism by the food microbe Limosilactobacillus reuteri. Food Microbiology, 2021, 98, 103720.	2.1	15
24	Characterization of bifidobacteria suitable for probiotic use in calves. Anaerobe, 2012, 18, 166-168.	1.0	14
25	Comparison of mupirocin-based media for selective enumeration of bifidobacteria in probiotic supplements. Journal of Microbiological Methods, 2015, 109, 106-109.	0.7	14
26	Prebiotic potential of natural gums and starch for bifidobacteria of variable origins. Bioactive Carbohydrates and Dietary Fibre, 2019, 20, 100199.	1.5	14
27	Galliscardovia ingluviei gen. nov., sp. nov., a thermophilic bacterium of the family Bifidobacteriaceae isolated from the crop of a laying hen (Gallus gallus f. domestica). International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2403-2411.	0.8	14
28	Bifidobacterium canis sp. nov., a novel member of the Bifidobacterium pseudolongum phylogenetic group isolated from faeces of a dog (Canis lupus f. familiaris). International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 5040-5047.	0.8	14
29	High Mobility Group Box 1 and TLR4 Signaling Pathway in Gnotobiotic Piglets Colonized/Infected with L. amylovorus, L. mucosae, E. coli Nissle 1917 and S. Typhimurium. International Journal of Molecular Sciences, 2019, 20, 6294.	1.8	13
30	Inter-species differences in the growth of bifidobacteria cultured on human milk oligosaccharides. Folia Microbiologica, 2012, 57, 321-324.	1.1	12
31	Colonisation of the gut by bifidobacteria is much more common in vaginal deliveries than Caesarean sections. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, e184-6.	0.7	12
32	Colonization of Germ-Free Piglets with Commensal Lactobacillus amylovorus, Lactobacillus mucosae, and Probiotic E. coli Nissle 1917 and Their Interference with Salmonella Typhimurium. Microorganisms, 2019, 7, 273.	1.6	12
33	Growth of infant fecal bacteria on commercial prebiotics. Folia Microbiologica, 2012, 57, 273-275.	1.1	11
34	Identification of Bifidobacterium strains from faeces of lambs. Small Ruminant Research, 2012, 105, 355-360.	0.6	10
35	Gene encoding the <scp>CTP</scp> synthetase as an appropriate molecular tool for identification and phylogenetic study of the family Bifidobacteriaceae. MicrobiologyOpen, 2018, 7, e00579.	1.2	10
36	The bifidobacterial distribution in the microbiome of captive primates reflects parvorder and feed specialization of the host. Scientific Reports, 2021, 11, 15273.	1.6	10

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37	Methods of Studying Diversity of Bacterial Comunities: A Review. Scientia Agriculturae Bohemica, 2017, 48, 154-165.	0.3	9
38	Cutibacterium avidum is phylogenetically diverse with a subpopulation being adapted to the infant gut. Systematic and Applied Microbiology, 2019, 42, 506-516.	1.2	8
39	Evaluation of the infB and rpsB gene fragments as genetic markers intended for identification and phylogenetic analysis of particular representatives of the order Lactobacillales. Archives of Microbiology, 2018, 200, 1427-1437.	1.0	7
40	Colonization of Germ-Free Piglets with Mucinolytic and Non-Mucinolytic Bifidobacterium boum Strains Isolated from the Intestine of Wild Boar and Their Interference with Salmonella Typhimurium. Microorganisms, 2020, 8, 2002.	1.6	7
41	Identification of bifidobacteria isolated from Asian elephant (Elephas maximus). Journal of Biosciences, 2013, 38, 239-243.	0.5	6
42	Growth of bifidobacteria in mammalian milk. Czech Journal of Animal Science, 2013, 58, 99-105.	0.5	6
43	The threonine-tRNA ligase gene region is applicable in classification, typing, and phylogenetic analysis of bifidobacteria. Journal of Microbiology, 2018, 56, 713-721.	1.3	6
44	Effect of rearing systems and diets composition on the survival of probiotic bifidobacteria in the digestive tract of calves. Livestock Science, 2015, 178, 317-321.	0.6	5
45	Selection of prebiotic oligosaccharides suitable for synbiotic use in calves. Animal Feed Science and Technology, 2017, 229, 73-78.	1.1	5
46	Antibiotic susceptibility screening of primate-associated Clostridium ventriculi. Anaerobe, 2021, 69, 102347.	1.0	5
47	Growth and survival of lactic acid bacteria in lucerne silage. Folia Microbiologica, 2012, 57, 359-362.	1.1	4
48	Mupirocin-mucin agar for selective enumeration of Bifidobacterium bifidum. International Journal of Food Microbiology, 2014, 191, 32-35.	2.1	4
49	Persistence of bifidobacteria in the intestines of calves after administration in freeze-dried form or in fermented milk. Czech Journal of Animal Science, 2016, 61, 49-57.	0.5	4
50	Bifidobacteria, Lactobacilli, and Short Chain Fatty Acids of Vegetarians and Omnivores. Scientia Agriculturae Bohemica, 2017, 48, 47-54.	0.3	4
51	Cultivable bacteria from Pectinatella magnifica and the surrounding water in South Bohemia indicate potential new Gammaproteobacterial, Betaproteobacterial and Firmicutes taxa. FEMS Microbiology Letters, 2018, 365, .	0.7	4
52	Glutamine synthetase type I (glnAI) represents a rewarding molecular marker in the classification of bifidobacteria and related genera. Folia Microbiologica, 2020, 65, 143-151.	1.1	3
53	Microbial shifts of faecal microbiota using enteral nutrition in vitro. Journal of Functional Foods, 2021, 77, 104330.	1.6	3
54	Direct identification of bifidobacteria from probiotic supplements. Czech Journal of Food Sciences, 2014, 32, 132-136.	0.6	2

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55	Identification of microbiota associated with Pectinatella magnifica in South Bohemia. Biologia (Poland), 2015, 70, 365-371.	0.8	2
56	Genetic marker-based multi-locus sequence analysis for classification, genotyping, and phylogenetics of the family Bifidobacteriaceae as an alternative approach to phylogenomics. Antonie Van Leeuwenhoek, 2019, 112, 1785-1800.	0.7	2
57	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. Journal of Medicinal Food, 2019, 22, 810-816.	0.8	1
58	Human milk is a source of prebiotics or also probiotics for babies?. Pediatrie Pro Praxi, 2016, 17, 27-31.	0.1	0
59	Mucin Cross-feeding Shapes The Metabolic Environment In The Infant Gut. , 2018, , .		0