

Eva Vlkova

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

1,536
citations

331259

21
h-index

377514

34
g-index

81
all docs

81
docs citations

81
times ranked

1990
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The Effect of Microwave Irradiation on the Representation and Growth of Moulds in Nuts and Almonds. <i>Foods</i> , 2022, 11, 221. | 1.9 | 3 |
| 2 | 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 |
| 3 | Microbial shifts of faecal microbiota using enteral nutrition in vitro. <i>Journal of Functional Foods</i> , 2021, 77, 104330. | 1.6 | 3 |
| 4 | 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 |
| 5 | Pathogenic profile and cytotoxic activity of <i>Aeromonas</i> spp. isolated from <i>Pectinatella magnifica</i> and surrounding water in the South Bohemian aquaculture region. <i>Journal of Fish Diseases</i> , 2020, 43, 1213-1227. | 0.9 | 0 |
| 6 | 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 |
| 7 | <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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Preliminary Screening of Growth and Viability of 10 Strains of <i>Bifidobacterium</i> spp.: Effect of Media Composition. <i>Fermentation</i> , 2019, 5, 38. | 1.4 | 4 |
| 13 | Effect of probiotic <i>Clostridium butyricum</i> CBM 588 on microbiota and growth performance of broiler chickens. <i>Czech Journal of Animal Science</i> , 2019, 64, 387-394. | 0.5 | 5 |
| 14 | 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 |
| 15 | Design of Bacterial Cultures in Fermented Functional Maize Product Formulation. <i>Polish Journal of Food and Nutrition Sciences</i> , 2019, 69, 417-426. | 0.6 | 3 |
| 16 | Gene encoding the <scp>CTP</scp> 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 |
| 17 | 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 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | POLLEN CAN - TESTING OF BEE POLLEN FERMENTATION IN MODEL CONDITIONS. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2018, 8, 805-811. | 0.4 | 7 |
| 21 | Diversity of the subspecies <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> . <i>Anaerobe</i> , 2017, 44, 40-47. | 1.0 | 24 |
| 22 | Selection of prebiotic oligosaccharides suitable for synbiotic use in calves. <i>Animal Feed Science and Technology</i> , 2017, 229, 73-78. | 1.1 | 5 |
| 23 | <i>Alloscardovia venturai</i> sp. nov., a fructose 6-phosphate phosphoketolase-positive species isolated from the oral cavity of a guinea-pig (<i>Cavia aperea</i> f. <i>porcellus</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2842-2847. | 0.8 | 9 |
| 24 | <i>Lactobacillus caviae</i> sp. nov., an obligately heterofermentative bacterium isolated from the oral cavity of a guinea pig (<i>Cavia aperea</i> f. <i>porcellus</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2903-2909. | 0.8 | 10 |
| 25 | 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 |
| 26 | Assessment of Chemical Impact of Invasive Bryozoan <i>Pectinatella magnifica</i> on the Environment: Cytotoxicity and Antimicrobial Activity of <i>P. magnifica</i> Extracts. <i>Molecules</i> , 2016, 21, 1476. | 1.7 | 4 |
| 27 | Anticlostridial agent 8-hydroxyquinoline improves the isolation of faecal bifidobacteria on modified Wilkins-Chalgren agar with mupirocin. <i>Letters in Applied Microbiology</i> , 2016, 62, 330-335. | 1.0 | 7 |
| 28 | Identification of microbiota associated with <i>Pectinatella magnifica</i> in South Bohemia. <i>Biologia (Poland)</i> , 2015, 70, 365-371. | 0.8 | 2 |
| 29 | Prebiotic Effects of a Novel Combination of Galactooligosaccharides and Maltodextrins. <i>Journal of Medicinal Food</i> , 2015, 18, 685-689. | 0.8 | 17 |
| 30 | 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 |
| 31 | In vitro growth-inhibitory effect of ethanol GRAS plant and supercritical CO ₂ hop extracts on planktonic cultures of oral pathogenic microorganisms. <i>FÄ-toterapÄ-tÄç</i> , 2015, 105, 260-268. | 1.1 | 15 |
| 32 | 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 |
| 33 | 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 |
| 34 | Direct identification of bifidobacteria from probiotic supplements. <i>Czech Journal of Food Sciences</i> , 2014, 32, 132-136. | 0.6 | 2 |
| 35 | <i>Vagococcus entomophilus</i> sp. nov., from the digestive tract of a wasp (<i>Vespula vulgaris</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 731-737. | 0.8 | 21 |
| 36 | <i>Lactobacillus rodentium</i> sp. nov., from the digestive tract of wild rodents. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1526-1533. | 0.8 | 15 |

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|----|--|-----|-----------|
| 37 | Beneficial effects of human milk oligosaccharides on gut microbiota. <i>Beneficial Microbes</i> , 2014, 5, 273-283. | 1.0 | 104 |
| 38 | Bifidobacteria from the gastrointestinal tract of animals: differences and similarities. <i>Beneficial Microbes</i> , 2014, 5, 377-388. | 1.0 | 34 |
| 39 | Selective growth-inhibitory effect of 8-hydroxyquinoline towards <i>Clostridium difficile</i> and <i>Bifidobacterium longum</i> subsp. <i>longum</i> in co-culture analysed by flow cytometry. <i>Journal of Medical Microbiology</i> , 2014, 63, 1663-1669. | 0.7 | 11 |
| 40 | Isolation and characterization of bifidobacteria from ovine cheese. <i>International Journal of Food Microbiology</i> , 2014, 188, 26-30. | 2.1 | 18 |
| 41 | <i>Lactobacillus bombi</i> sp. nov., from the digestive tract of laboratory-reared bumblebee queens (<i>Bombus</i>) Tj ETQq1 10,784314,rgBT /Ove | 0.8 | 34 |
| 42 | 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 |
| 43 | <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 |
| 44 | Identification of bifidobacteria isolated from Asian elephant (<i>Elephas maximus</i>). <i>Journal of Biosciences</i> , 2013, 38, 239-243. | 0.5 | 6 |
| 45 | <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 |
| 46 | InÂvitro selective inhibitory effect of 8-hydroxyquinoline against bifidobacteria and clostridia. <i>Anaerobe</i> , 2013, 22, 134-136. | 1.0 | 13 |
| 47 | <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 |
| 48 | Growth of bifidobacteria in mammalian milk. <i>Czech Journal of Animal Science</i> , 2013, 58, 99-105. | 0.5 | 6 |
| 49 | <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> strains isolated from dog faeces. <i>Veterinary Microbiology</i> , 2012, 160, 501-505. | 0.8 | 19 |
| 50 | Growth of infant fecal bacteria on commercial prebiotics. <i>Folia Microbiologica</i> , 2012, 57, 273-275. | 1.1 | 11 |
| 51 | Inter-species differences in the growth of bifidobacteria cultured on human milk oligosaccharides. <i>Folia Microbiologica</i> , 2012, 57, 321-324. | 1.1 | 12 |
| 52 | Growth and survival of lactic acid bacteria in lucerne silage. <i>Folia Microbiologica</i> , 2012, 57, 359-362. | 1.1 | 4 |
| 53 | Characterization of bifidobacteria suitable for probiotic use in calves. <i>Anaerobe</i> , 2012, 18, 166-168. | 1.0 | 14 |
| 54 | Identification of <i>Bifidobacterium</i> strains from faeces of lambs. <i>Small Ruminant Research</i> , 2012, 105, 355-360. | 0.6 | 10 |

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|----|---|-----|-----------|
| 55 | Occurrence of bifidobacteria and lactobacilli in digestive tract of some freshwater fishes. <i>Biologia (Poland)</i> , 2012, 67, 411-416. | 0.8 | 23 |
| 56 | Factors affecting the growth of bifidobacteria in human milk. <i>International Dairy Journal</i> , 2011, 21, 504-508. | 1.5 | 15 |
| 57 | Interference of <i>Bifidobacterium choerinum</i> or <i>Escherichia coli</i> Nissle 1917 with <i>Salmonella</i> Typhimurium in gnotobiotic piglets correlates with cytokine patterns in blood and intestine. <i>Clinical and Experimental Immunology</i> , 2011, 163, 242-249. | 1.1 | 37 |
| 58 | Growth of bifidobacteria and clostridia on human and cow milk saccharides. <i>Anaerobe</i> , 2011, 17, 223-225. | 1.0 | 17 |
| 59 | In vitro fermentability of prebiotic oligosaccharides by lactobacilli. <i>Czech Journal of Food Sciences</i> , 2011, 29, S49-S54. | 0.6 | 26 |
| 60 | Survival of bifidobacteria in adult intestinal tract. <i>Folia Microbiologica</i> , 2010, 55, 281-285. | 1.1 | 9 |
| 61 | Naturally occurring prebiotic oligosaccharides in poultry feed mixtures. <i>Folia Microbiologica</i> , 2010, 55, 326-328. | 1.1 | 9 |
| 62 | Survival of bifidobacteria administered to calves. <i>Folia Microbiologica</i> , 2010, 55, 390-392. | 1.1 | 15 |
| 63 | Susceptibility of bifidobacteria to lysozyme as a possible selection criterion for probiotic bifidobacterial strains. <i>Biotechnology Letters</i> , 2010, 32, 451-455. | 1.1 | 28 |
| 64 | Selective Growth Inhibitory Effect of Biochanin A Against Intestinal Tract Colonizing Bacteria. <i>Molecules</i> , 2010, 15, 1270-1279. | 1.7 | 45 |
| 65 | Growth of bifidobacteria in a fermented wheat germ medium. <i>Acta Alimentaria</i> , 2010, 39, 293-298. | 0.3 | 1 |
| 66 | Selection of probiotic bifidobacteria for lambs. <i>Czech Journal of Animal Science</i> , 2009, 54, 552-565. | 0.5 | 13 |
| 67 | Intestinal microbiota in exclusively breast-fed infants with blood-streaked stools. <i>Folia Microbiologica</i> , 2009, 54, 167-171. | 1.1 | 10 |
| 68 | Comparison of intestinal microflora in healthy infants and infants with allergic colitis. <i>Folia Microbiologica</i> , 2008, 53, 255-258. | 1.1 | 12 |
| 69 | Auto-aggregation and Co-aggregation ability in bifidobacteria and clostridia. <i>Folia Microbiologica</i> , 2008, 53, 263-269. | 1.1 | 75 |
| 70 | Growth of infant faecal bifidobacteria and clostridia on prebiotic oligosaccharides in in vitro conditions. <i>Anaerobe</i> , 2008, 14, 205-208. | 1.0 | 59 |
| 71 | Occurrence of bifidobacteria in faeces of calves fed milk or a combined diet. <i>Archives of Animal Nutrition</i> , 2008, 62, 359-365. | 0.9 | 20 |
| 72 | Antimicrobial susceptibility of bifidobacteria isolated from gastrointestinal tract of calves. <i>Livestock Science</i> , 2006, 105, 253-259. | 0.6 | 57 |

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|----|---|-----|-----------|
| 73 | Comparison of bacterial flora and enzymatic activity in faeces of infants and calves. FEMS Microbiology Letters, 2006, 258, 25-28. | 0.7 | 29 |
| 74 | Different utilization of glucose and raffinose in <i>Bifidobacterium breve</i> and <i>Bifidobacterium animalis</i> . Folia Microbiologica, 2006, 51, 320-324. | 1.1 | 16 |
| 75 | Distribution of bifidobacteria in the gastrointestinal tract of calves. Folia Microbiologica, 2006, 51, 325-328. | 1.1 | 52 |
| 76 | Antibacterial screening of some Peruvian medicinal plants used in Callera District. Journal of Ethnopharmacology, 2005, 99, 309-312. | 2.0 | 121 |
| 77 | Detection of infant faecal bifidobacteria by enzymatic methods. Journal of Microbiological Methods, 2005, 60, 365-373. | 0.7 | 46 |
| 78 | The bifidogenic effect of <i>Taraxacum officinale</i> root. Folia Microbiologica, 2004, 75, 760-763. | 1.1 | 39 |
| 79 | Aggregation of lactobacilli and bifidobacteria with <i>Escherichia coli</i> O157. Folia Microbiologica, 2004, 49, 143-146. | 1.1 | 19 |
| 80 | Enumeration, isolation, and identification of bifidobacteria from infant feces. Folia Microbiologica, 2004, 49, 209-212. | 1.1 | 9 |
| 81 | Specific growth rate of bifidobacteria cultured on different sugars. Folia Microbiologica, 2002, 47, 477-480. | 1.1 | 20 |