

Pavel Åvec

List of Publications by Year in descending order

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79
papers

2,134
citations

236925

25
h-index

289244

40
g-index

82
all docs

82
docs citations

82
times ranked

2171
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Lactobacillus apis</i> sp. nov., from the stomach of honeybees (<i>Apis mellifera</i>), having an in vitro inhibitory effect on the causative agents of American and European foulbrood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 152-157.	1.7	111
2	Evaluation of (GTG)5-PCR for identification of <i>Enterococcus</i> spp.. <i>FEMS Microbiology Letters</i> , 2005, 247, 59-63.	1.8	104
3	The effect of ripening and storage conditions on the distribution of tyramine, putrescine and cadaverine in Edam-cheese. <i>Food Microbiology</i> , 2010, 27, 880-888.	4.2	93
4	Antibiotic resistance in faecal bacteria (<i>Escherichia coli</i> , <i>Enterococcus</i> spp.) in feral pigeons. <i>Journal of Applied Microbiology</i> , 2010, 109, no-no.	3.1	77
5	<i>Staphylococcus equorum</i> and <i>Staphylococcus succinus</i> isolated from human clinical specimens. <i>Journal of Medical Microbiology</i> , 2006, 55, 523-528.	1.8	68
6	Description and Comparative Genomics of <i>Macrococcus caseolyticus</i> subsp. <i>hominis</i> subsp. nov., <i>Macrococcus goetzii</i> sp. nov., <i>Macrococcus epidermidis</i> sp. nov., and <i>Macrococcus bohemicus</i> sp. nov., Novel <i>Macrococci</i> From Human Clinical Material With Virulence Potential and Suspected Uptake of Foreign DNA by Natural Transformation. <i>Frontiers in Microbiology</i> , 2018, 9, 1178.	3.5	65
7	<i>Enterococcus haemoperoxidus</i> sp. nov. and <i>Enterococcus moraviensis</i> sp. nov., isolated from water.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2001, 51, 1567-1574.	1.7	64
8	<i>Staphylococcus edaphicus</i> sp. nov., Isolated in Antarctica, Harbors the <i>mecC</i> Gene and Genomic Islands with a Suspected Role in Adaptation to Extreme Environments. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	60
9	Description of <i>Massilia rubra</i> sp. nov., <i>Massilia aquatica</i> sp. nov., <i>Massilia mucilaginoso</i> sp. nov., <i>Massilia frigida</i> sp. nov., and one <i>Massilia</i> genomospecies isolated from Antarctic streams, lakes and regoliths. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126112.	2.8	60
10	<i>Macrococcus brunensis</i> sp. nov., <i>Macrococcus hajekii</i> sp. nov. and <i>Macrococcus lamae</i> sp. nov., from the skin of llamas. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1647-1654.	1.7	55
11	<i>Enterococcus silesiacus</i> sp. nov. and <i>Enterococcus termitis</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 577-581.	1.7	54
12	<i>Staphylococcus simiae</i> sp. nov., isolated from South American squirrel monkeys. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 1953-1958.	1.7	47
13	Identification of <i>Staphylococcus</i> spp. using (GTG)5-PCR fingerprinting. <i>Systematic and Applied Microbiology</i> , 2010, 33, 451-456.	2.8	45
14	<i>Staphylococcus petrasii</i> sp. nov. including <i>S. petrasii</i> subsp. <i>petrasii</i> subsp. nov. and <i>S. petrasii</i> subsp. <i>croceilyticus</i> subsp. nov., isolated from human clinical specimens and human ear infections. <i>Systematic and Applied Microbiology</i> , 2013, 36, 90-95.	2.8	45
15	16S rRNA gene-based identification of cultured bacterial flora from host-seeking <i>Ixodes ricinus</i> , <i>Dermacentor reticulatus</i> and <i>Haemaphysalis concinna</i> ticks, vectors of vertebrate pathogens. <i>Folia Microbiologica</i> , 2009, 54, 419-428.	2.3	42
16	<i>Enterococcus canintestini</i> sp. nov., from faecal samples of healthy dogs. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 2177-2182.	1.7	40
17	<i>Enterococcus aquimarinus</i> sp. nov., isolated from sea water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 2183-2187.	1.7	37
18	<i>Enterococcus devriesei</i> sp. nov., associated with animal sources. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 2479-2484.	1.7	36

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19	Evaluation of (GTG) ⁵ -PCR for rapid identification of <i>Streptococcus</i> mutants. <i>Antonie Van Leeuwenhoek</i> , 2008, 94, 573-579.	1.7	35
20	Reclassification of <i>Staphylococcus pulvereri</i> Zakrzewska-Czerwińska et al. 1995 as a later synonym of <i>Staphylococcus vitulinus</i> Webster et al. 1994. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 2213-2215.	1.7	33
21	Red-pink pigmented <i>Hymenobacter coccineus</i> sp. nov., <i>Hymenobacter lapidarius</i> sp. nov. and <i>Hymenobacter glacialis</i> sp. nov., isolated from rocks in Antarctica. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1975-1983.	1.7	33
22	Occurrence of <i>Enterococcus</i> spp. in waters. <i>Folia Microbiologica</i> , 1999, 44, 3-10.	2.3	32
23	The Genus <i>Enterococcus</i> . , 2006, , 163-174.		32
24	Identification of lactic acid bacteria isolated from human blood cultures. <i>FEMS Immunology and Medical Microbiology</i> , 2007, 49, 192-196.	2.7	32
25	<i>Pedobacter jamesrossensis</i> sp. nov., <i>Pedobacter lithocola</i> sp. nov., <i>Pedobacter mendelii</i> sp. nov. and <i>Pedobacter petrophilus</i> sp. nov., isolated from the Antarctic environment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1499-1507.	1.7	32
26	<i>Hymenobacter amundsenii</i> sp. nov. resistant to ultraviolet radiation, isolated from regoliths in Antarctica. <i>Systematic and Applied Microbiology</i> , 2019, 42, 284-290.	2.8	31
27	<i>Enterococcus plantarum</i> sp. nov., isolated from plants. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1499-1505.	1.7	29
28	<i>Enterococcus ureilyticus</i> sp. nov. and <i>Enterococcus rotai</i> sp. nov., two urease-producing enterococci from the environment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 502-510.	1.7	28
29	Classification of strain CCM 4446T as <i>Rhodococcus degradans</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4381-4387.	1.7	27
30	<i>Aeromonas cavernicola</i> sp. nov., isolated from fresh water of a brook in a cavern. <i>Current Microbiology</i> , 2013, 66, 197-204.	2.2	25
31	Characterization of four <i>Escherichia albertii</i> isolates collected from animals living in Antarctica and Patagonia. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 138-146.	0.9	25
32	<i>Lactobacillus</i> spp. associated with early childhood caries. <i>Folia Microbiologica</i> , 2009, 54, 53-58.	2.3	22
33	<i>Enterococcus rivorum</i> sp. nov., from water of pristine brooks. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 2169-2173.	1.7	22
34	Ribotyping of <i>Lactobacillus casei</i> group strains isolated from dairy products. <i>Folia Microbiologica</i> , 2005, 50, 223-228.	2.3	21
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.	1.7	21
36	<i>Bifidobacterium apri</i> sp. nov., a thermophilic actinobacterium isolated from the digestive tract of wild pigs (<i>Sus scrofa</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2349-2356.	1.7	21

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37	Comparative evaluation of automated ribotyping and RAPD-PCR for typing of <i>Lactobacillus</i> spp. occurring in dental caries. <i>Antonie Van Leeuwenhoek</i> , 2010, 98, 85-92.	1.7	20
38	<i>Aquitalea pelogenes</i> sp. nov., isolated from mineral peloid. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 962-967.	1.7	20
39	Description of <i>Pseudomonas gregormendelii</i> sp. nov., a Novel Psychrotrophic Bacterium from James Ross Island, Antarctica. <i>Current Microbiology</i> , 2016, 73, 84-90.	2.2	19
40	Characterization of <i>Staphylococcus intermedius</i> Group Isolates Associated with Animals from Antarctica and Emended Description of <i>Staphylococcus delphini</i> . <i>Microorganisms</i> , 2020, 8, 204.	3.6	19
41	Characterisation of Waterborne Psychrophilic <i>Massilia</i> Isolates with Violacein Production and Description of <i>Massilia antarctica</i> sp. nov.. <i>Microorganisms</i> , 2022, 10, 704.	3.6	19
42	Characterization of yellow-pigmented and motile enterococci isolated from intestines of the garden snail <i>Helix aspersa</i> . <i>Journal of Applied Microbiology</i> , 2002, 92, 951-957.	3.1	18
43	High intraspecies heterogeneity within <i>Staphylococcus sciuri</i> and rejection of its classification into <i>S. sciuri</i> subsp. <i>sciuri</i> , <i>S. sciuri</i> subsp. <i>carnaticus</i> and <i>S. sciuri</i> subsp. <i>rodentium</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 5181-5186.	1.7	18
44	<i>Pedobacter psychrophilus</i> sp. nov., isolated from fragmentary rock. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2538-2543.	1.7	18
45	<i>Staphylococcus petrasii</i> subsp. <i>pragensis</i> subsp. nov., occurring in human clinical material. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2071-2077.	1.7	17
46	<i>Flavobacterium circumlabens</i> sp. nov. and <i>Flavobacterium cupreum</i> sp. nov., two psychrotrophic species isolated from Antarctic environmental samples. <i>Systematic and Applied Microbiology</i> , 2019, 42, 291-301.	2.8	17
47	<i>Rufibacter ruber</i> sp. nov., isolated from fragmentary rock. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4401-4405.	1.7	17
48	<i>Hymenobacter terrestris</i> sp. nov. and <i>Hymenobacter lapidiphilus</i> sp. nov., isolated from regoliths in Antarctica. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 6364-6372.	1.7	16
49	Characterization of <i>Aeromonas encheleia</i> strains isolated from aquatic environments in the Czech Republic. <i>Letters in Applied Microbiology</i> , 2009, 48, 289-294.	2.2	15
50	Reclassification of <i>Staphylococcus jettensis</i> De Bel et al. 2013 as <i>Staphylococcus petrasii</i> subsp. <i>jettensis</i> subsp. nov. and emended description of <i>Staphylococcus petrasii</i> Pantucek et al. 2013. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 4198-4201.	1.7	15
51	<i>Hymenobacter humicola</i> sp. nov., isolated from soils in Antarctica. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 2755-2761.	1.7	15
52	<i>Pseudomonas leptonychotis</i> sp. nov., isolated from Weddell seals in Antarctica. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 302-308.	1.7	15
53	Ribotyping of lactobacilli isolated from spoiled beer. <i>FEMS Microbiology Letters</i> , 2003, 229, 141-144.	1.8	14
54	<i>Pseudogemmobacter bohemicus</i> gen. nov., sp. nov., a novel taxon from the Rhodobacteraceae family isolated from heavy-metal-contaminated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 2401-2407.	1.7	14

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55	Use of the manganese-dependent superoxide dismutase gene <i>sodA</i> for rapid identification of recently described enterococcal species. <i>Folia Microbiologica</i> , 2012, 57, 439-442.	2.3	13
56	Composition of cultivable enteric bacteria from the intestine of Antarctic fish (family Nototheniidae). <i>Czech Journal of Animal Science</i> , 2016, 61, 127-132.	1.3	13
57	<i>Mucilaginibacter terrae</i> sp. nov., isolated from Antarctic soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4002-4007.	1.7	13
58	<i>Pseudomonas karstica</i> sp. nov. and <i>Pseudomonas spelaei</i> sp. nov., isolated from calcite moonmilk deposits from caves. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 5131-5140.	1.7	13
59	Vancomycin-resistant enterococci with <i>vanA</i> and <i>vanB</i> genes in Australian gulls. <i>Environmental Microbiology Reports</i> , 2017, 9, 316-318.	2.4	12
60	<i>Flavobacterium chryseum</i> sp. nov. and <i>Flavobacterium psychroterrae</i> sp. nov., novel environmental bacteria isolated from Antarctica. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 3132-3139.	1.7	12
61	Characterization of <i>Lactococcus lactis</i> subsp. <i>lactis</i> isolated from surface waters. <i>Folia Microbiologica</i> , 2008, 53, 53-56.	2.3	11
62	<i>Enterococcus alcedinis</i> sp. nov., isolated from common kingfisher (<i>Alcedo atthis</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3069-3074.	1.7	11
63	Prevalence, diversity and characterization of enterococci from three coraciiform birds. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 1281-1289.	1.7	10
64	Classification of a Violacein-Producing Psychrophilic Group of Isolates Associated with Freshwater in Antarctica and Description of <i>Rugamonas violacea</i> sp. nov.. <i>Microbiology Spectrum</i> , 2021, 9, e0045221.	3.0	10
65	<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.	1.7	10
66	Description of <i>Pseudomonas jessenii</i> subsp. <i>pseudopotida</i> subsp. nov., amended description of <i>Pseudomonas jessenii</i> and description of <i>Pseudomonas jessenii</i> subsp. <i>jessenii</i> subsp. nov.. <i>Folia Microbiologica</i> , 2013, 58, 631-639.	2.3	8
67	Ribotyping and biotyping of <i>Lactobacillus helveticus</i> from the koumiss. <i>European Food Research and Technology</i> , 2010, 230, 753-758.	3.3	7
68	Relapsing endocarditis caused by <i>Enterococcus faecalis</i> forming small colony variants. <i>Scandinavian Journal of Infectious Diseases</i> , 2013, 45, 800-803.	1.5	7
69	Characterization of a xylanolytic bacterial strain C10 isolated from the rumen of a red deer (<i>Cervus</i>) Tj ETQq1 1 0.784314 rgBT /Overlaid glycerinitolerans, and <i>A. ruminicola</i> . <i>Folia Microbiologica</i> , 2018, 63, 391-399.	2.3	7
70	<i>Staphylococcus ratti</i> sp. nov. Isolated from a Lab Rat. <i>Pathogens</i> , 2022, 11, 51.	2.8	7
71	(GTC)5-PCR fingerprinting of lactobacilli isolated from cervix of healthy women. <i>Folia Microbiologica</i> , 2011, 56, 80-83.	2.3	6
72	Characterisation of methicillin-susceptible <i>Staphylococcus pseudintermedius</i> isolates from canine infections and determination of virulence factors using multiplex PCR. <i>Veterinari Medicina</i> , 2017, 62, 81-89.	0.6	6

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73	<i>Pedobacter fastidiosus</i> sp. nov., isolated from glacial habitats of maritime Antarctica. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	6
74	Characterization of esculin-positive <i>Pseudomonas fluorescens</i> strains isolated from an underground brook. <i>Folia Microbiologica</i> , 2004, 49, 725-730.	2.3	5
75	Properties of the strains <i>Enterococcus haemoperoxidus</i> and <i>E. moraviensis</i> , new species among enterococci. <i>Folia Microbiologica</i> , 2007, 52, 273-9.	2.3	4
76	Evaluation of the strain identity between isolates from caries lesions and root canals in early childhood caries cases. <i>Folia Microbiologica</i> , 2013, 58, 649-656.	2.3	4
77	Identification of <i>Staphylococcus piscifermentans</i> from dog feces. <i>Folia Microbiologica</i> , 2005, 50, 524-528.	2.3	2
78	<i>Staphylococcus petrasii</i> diagnostics and its pathogenic potential enhanced by mobile genetic elements. <i>International Journal of Medical Microbiology</i> , 2019, 309, 151355.	3.6	2
79	Evaluation of ribotyping for characterization and identification of <i>Enterococcus haemoperoxidus</i> and <i>Enterococcus moraviensis</i> strains. <i>FEMS Microbiology Letters</i> , 2001, 203, 23-27.	1.8	1