

Ivo Sedláček

List of Publications by Year in descending order

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57
papers

1,282
citations

331670

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#	ARTICLE	IF	CITATIONS
1	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
2	<i>Pseudomonas moraviensis</i> sp. nov. and <i>Pseudomonas vranovensis</i> sp. nov., soil bacteria isolated on nitroaromatic compounds, and emended description of <i>Pseudomonas asplenii</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2657-2663.	1.7	64
3	<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
4	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
5	<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
6	gcType: a high-quality type strain genome database for microbial phylogenetic and functional research. <i>Nucleic Acids Research</i> , 2021, 49, D694-D705.	14.5	53
7	<i>Pandoraea oxalativorans</i> sp. nov., <i>Pandoraea faecigallinarum</i> sp. nov. and <i>Pandoraea vervacti</i> sp. nov., isolated from oxalate-enriched culture. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2247-2253.	1.7	52
8	<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
9	<i>Achromobacter marplatensis</i> sp. nov., isolated from a pentachlorophenol-contaminated soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2231-2237.	1.7	47
10	Identification of <i>Staphylococcus</i> spp. using (GTG)5-PCR fingerprinting. <i>Systematic and Applied Microbiology</i> , 2010, 33, 451-456.	2.8	45
11	<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
12	<i>Pseudomonas prosekii</i> sp. nov., a Novel Psychrotrophic Bacterium from Antarctica. <i>Current Microbiology</i> , 2013, 67, 637-646.	2.2	38
13	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
14	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
15	<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
16	<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
17	<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
18	<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

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19	<i>Staphylococcus microti</i> sp. nov., isolated from the common vole (<i>Microtus arvalis</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 566-573.	1.7	27
20	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
21	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
22	<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
23	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
24	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
25	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
26	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
27	<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
28	<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
29	<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
30	<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
31	<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
32	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
33	<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
34	<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
35	<i>Hymenobacter artigasi</i> sp. nov., isolated from air sampling in maritime Antarctica. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 4935-4941.	1.7	14
36	<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

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37	<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
38	<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
39	<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
40	<i>Hymenobacter caeli</i> sp. nov., an airborne bacterium isolated from King George Island, Antarctica. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	10
41	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
42	<i>Trebonia kvetii</i> gen. nov., sp. nov., an acidophilic actinobacterium, and proposal of the new actinobacterial family Treboniaceae fam. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 5106-5114.	1.7	9
43	<i>Aeromonas hydrophila</i> subsp. <i>dhakensis</i> --a causative agent of gastroenteritis imported into the Czech Republic. <i>Annals of Agricultural and Environmental Medicine</i> , 2012, 19, 409-13.	1.0	8
44	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
45	Substrate interactions between 4-nitrophenol and 4-nitrotoluene during biodegradation of their mixture. <i>Desalination and Water Treatment</i> , 2016, 57, 2759-2765.	1.0	7
46	Characterization of a xylanolytic bacterial strain C10 isolated from the rumen of a red deer (<i>Cervus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 glycerinitolerans, and <i>A. ruminicola</i> . <i>Folia Microbiologica</i> , 2018, 63, 391-399.	2.3	7
47	<i>Flavobacterium flabelliforme</i> sp. nov. and <i>Flavobacterium geliluteum</i> sp. nov., Two Multidrug-Resistant Psychrotrophic Species Isolated From Antarctica. <i>Frontiers in Microbiology</i> , 2021, 12, 729977.	3.5	7
48	<i>Staphylococcus ratti</i> sp. nov. Isolated from a Lab Rat. <i>Pathogens</i> , 2022, 11, 51.	2.8	7
49	<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
50	Genome sequences of two Antarctic strains of <i>Pseudomonas prosekii</i> : insights into adaptation to extreme conditions. <i>Archives of Microbiology</i> , 2020, 202, 447-454.	2.2	5
51	The influence of soil environment on the degradation of archaeological leather. <i>Archaeometry</i> , 2022, 64, 483-499.	1.3	4
52	Free-Living Enterobacterium <i>Pragia fontium</i> 24613: Complete Genome Sequence and Metabolic Profiling. <i>Evolutionary Bioinformatics</i> , 2017, 13, 117693431770086.	1.2	2
53	<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
54	The first case of <i>Planococcus glaciei</i> found in blood, a report from the Czech Republic. <i>Folia Microbiologica</i> , 2022, 67, 121-127.	2.3	2

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55	First evidence of high-molecular-weight bacteriocin (tailocin) produced by Antarctic <i>Pseudomonas</i> spp.. <i>Czech Polar Reports</i> , 2018, 8, 178-185.	0.6	2
56	Pyocin-mediated antagonistic interactions in <i>Pseudomonas</i> spp. isolated in James Ross Island, Antarctica. <i>Environmental Microbiology</i> , 2022, 24, 1294-1307.	3.8	1
57	INDUSTRIAL MAGNETRON SPUTTERING OF ZrN/Cu NANOSTRUCTURED COATINGS FOR ANTI-BACTERIAL PURPOSES. , 2021, , .		0