

Branko JovÄiÄ

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,439
citations

279798

23
h-index

377865

34
g-index

72
all docs

72
docs citations

72
times ranked

1885
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergence of NDM-1 Metallo- β -Lactamase in <i>Pseudomonas aeruginosa</i> Clinical Isolates from Serbia. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3929-3931.	3.2	157
2	Characterization of lactic acid bacteria isolated from Bukuljac, a homemade goat's milk cheese. <i>International Journal of Food Microbiology</i> , 2008, 122, 162-170.	4.7	68
3	Molecular Epidemiology of Colistin-Resistant, Carbapenemase-Producing <i>Klebsiella pneumoniae</i> in Serbia from 2013 to 2016. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	56
4	Surface properties of <i>Lactobacillus</i> and <i>Leuconostoc</i> isolates from homemade cheeses showing auto-aggregation ability. <i>European Food Research and Technology</i> , 2010, 231, 925-931.	3.3	54
5	Plasmid content and bacteriocin production by five strains of <i>Lactococcus lactis</i> isolated from semi-hard homemade cheese. <i>Canadian Journal of Microbiology</i> , 2006, 52, 1110-1120.	1.7	48
6	Diversity of non-starter lactic acid bacteria in autochthonous dairy products from Western Balkan Countries - Technological and probiotic properties. <i>Food Research International</i> , 2020, 136, 109494.	6.2	48
7	Molecular Characterization of a Novel Bacteriocin and an Unusually Large Aggregation Factor of <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> BGSJ2-8, a Natural Isolate from Homemade Cheese. <i>Current Microbiology</i> , 2007, 55, 266-271.	2.2	45
8	A survey of the lactic acid bacteria isolated from Serbian artisanal dairy product kajmak. <i>International Journal of Food Microbiology</i> , 2008, 127, 305-311.	4.7	44
9	<i>Pseudomonas aeruginosa</i> quorum sensing inhibition by clinical isolate <i>Delftia tsuruhatensis</i> 11304: involvement of N-octadecanoylhomoserine lactones. <i>Scientific Reports</i> , 2019, 9, 16465.	3.3	44
10	Dynamics of sodium dodecyl sulfate utilization and antibiotic susceptibility of strain <i>Pseudomonas</i> sp. ATCC19151. <i>Archives of Biological Sciences</i> , 2009, 61, 159-164.	0.5	44
11	Genotypic and Phenotypic Characterization of <i>Stenotrophomonas maltophilia</i> Strains from a Pediatric Tertiary Care Hospital in Serbia. <i>PLoS ONE</i> , 2016, 11, e0165660.	2.5	43
12	Characterization, Antibiofilm, and Depolymerizing Activity of Two Phages Active on Carbapenem-Resistant <i>Acinetobacter baumannii</i> . <i>Frontiers in Medicine</i> , 2020, 7, 426.	2.6	42
13	Carbapenem-Resistant <i>Acinetobacter baumannii</i> from Serbia: Revision of CarO Classification. <i>PLoS ONE</i> , 2015, 10, e0122793.	2.5	40
14	Novel target genes of PsrA transcriptional regulator of <i>Pseudomonas aeruginosa</i> . <i>FEMS Microbiology Letters</i> , 2005, 246, 175-181.	1.8	39
15	Cloning and expression of a novel lactococcal aggregation factor from <i>Lactococcus lactis</i> subsp. <i>lactis</i> BCKP1. <i>BMC Microbiology</i> , 2011, 11, 265.	3.3	34
16	Different Roles for Lactococcal Aggregation Factor and Mucin Binding Protein in Adhesion to Gastrointestinal Mucosa. <i>Applied and Environmental Microbiology</i> , 2012, 78, 7993-8000.	3.1	34
17	Uncovering Differences in Virulence Markers Associated with <i>Achromobacter</i> Species of CF and Non-CF Origin. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 224.	3.9	34
18	The Clinical Isolate <i>Pseudomonas aeruginosa</i> MMA83 Carries Two Copies of the <i>bla</i> Gene in a Novel Genetic Context. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3405-3407.	3.2	33

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19	<i>Brevibacillus laterosporus</i> strains BGSP7, BGSP9 and BGSP11 isolated from silage produce broad spectrum multi-antimicrobials. PLoS ONE, 2019, 14, e0216773.	2.5	30
20	Lactolisterin BU, a Novel Class II Broad-Spectrum Bacteriocin from <i>Lactococcus lactis</i> subsp. <i>lactis</i> bv. <i>diacetylactis</i> BGBU1-4. Applied and Environmental Microbiology, 2017, 83, .	3.1	28
21	Regulation of the <i>sdsA</i> alkyl sulfatase of <i>Pseudomonas</i> sp. ATCC19151 and its involvement in degradation of anionic surfactants. Journal of Applied Microbiology, 2010, 109, 1076-1083.	3.1	25
22	<i>Lactococcus lactis</i> LMG2081 Produces Two Bacteriocins, a Nonlantibiotic and a Novel Lantibiotic. Applied and Environmental Microbiology, 2016, 82, 2555-2562.	3.1	24
23	Environmental waters as a source of antibiotic-resistant <i>Enterococcus</i> species in Belgrade, Serbia. Environmental Monitoring and Assessment, 2015, 187, 599.	2.7	23
24	Polyphenols as Inhibitors of Antibiotic Resistant Bacteria – Mechanisms Underlying Rutin Interference with Bacterial Virulence. Pharmaceuticals, 2022, 15, 385.	3.8	22
25	Construction of a new shuttle vector and its use for cloning and expression of two plasmid-encoded bacteriocins from <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> BGSJ2. International Journal of Food Microbiology, 2010, 140, 117-124.	4.7	19
26	Proteinase PrtP impairs lactococcin LcnB activity in <i>Lactococcus lactis</i> BGMN1-501: new insights into bacteriocin regulation. Frontiers in Microbiology, 2015, 6, 92.	3.5	18
27	Genomic Characteristics of Colistin-Resistant <i>Salmonella enterica</i> subsp. <i>enterica</i> Serovar Infantis from Poultry Farms in the Republic of Serbia. Antibiotics, 2020, 9, 886.	3.7	17
28	Colistin Resistance in Environmental Isolates of <i>Acinetobacter baumannii</i> . Microbial Drug Resistance, 2021, 27, 328-336.	2.0	17
29	<i>Acinetobacter</i> spp. porin Omp33-36: Classification and transcriptional response to carbapenems and host cells. PLoS ONE, 2018, 13, e0201608.	2.5	16
30	Isolation of <i>Klebsiella pneumoniae</i> Producing NDM-1 Metallo- β -Lactamase from the Urine of an Outpatient Baby Boy Receiving Antibiotic Prophylaxis. Antimicrobial Agents and Chemotherapy, 2012, 56, 6062-6063.	3.2	15
31	Genotypic diversity and virulent factors of <i>Staphylococcus epidermidis</i> isolated from human breast milk. Microbiological Research, 2013, 168, 77-83.	5.3	15
32	Environmental waters and blaNDM-1 in Belgrade, Serbia: Endemicity questioned. Science of the Total Environment, 2015, 511, 393-398.	8.0	15
33	Fluoroquinolone-resistant and extended-spectrum beta-lactamase producing <i>Escherichia coli</i> isolates from free-living wild animals. Veterinary Microbiology, 2018, 223, 168-172.	1.9	14
34	Lactolisterin BU-producer <i>Lactococcus lactis</i> subsp. <i>lactis</i> BGBU1-4: Bio-control of <i>Listeria monocytogenes</i> and <i>Staphylococcus aureus</i> in fresh soft cheese and effect on immunological response of rats. Food Control, 2020, 111, 107076.	5.5	14
35	Exploring the potential of infrared spectroscopy in qualitative and quantitative monitoring of ovalbumin amyloid fibrillation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 229, 117882.	3.9	13
36	<i>Burkholderia cepacia</i> YtnP and Y2-aiiA lactonases inhibit virulence of <i>Pseudomonas aeruginosa</i> via quorum quenching activity. Microbial Pathogenesis, 2020, 149, 104561.	2.9	13

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37	The large plasmidome of <i>Lactococcus lactis</i> subsp. <i>lactis</i> bv. <i>diacetylactis</i> S50 confers its biotechnological properties. <i>International Journal of Food Microbiology</i> , 2021, 337, 108935.	4.7	12
38	Shortening of the <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> BGNJ1-64 AggLb Protein Switches Its Activity from Auto-aggregation to Biofilm Formation. <i>Frontiers in Microbiology</i> , 2016, 7, 1422.	3.5	11
39	The <i>cmbT</i> gene encodes a novel major facilitator multidrug resistance transporter in <i>Lactococcus lactis</i> . <i>Research in Microbiology</i> , 2013, 164, 46-54.	2.1	10
40	An examination of potential differences in biofilm production among different genotypes of <i>Pseudomonas aeruginosa</i> . <i>Archives of Biological Sciences</i> , 2014, 66, 117-121.	0.5	10
41	Analysis of dominant lactic acid bacteria from artisanal raw milk cheeses produced on the mountain Stara Planina, Serbia. <i>Archives of Biological Sciences</i> , 2011, 63, 11-20.	0.5	9
42	Two copies of <i>bla</i> NDM-1 gene are present in NDM-1 producing <i>Pseudomonas aeruginosa</i> isolates from Serbia. <i>Antonie Van Leeuwenhoek</i> , 2014, 105, 613-618.	1.7	9
43	Novel <i>E. coli</i> ST5123 Containing <i>bla</i> _{NDM-1} Carried by IncF Plasmid Isolated from a Pediatric Patient in Serbia. <i>Microbial Drug Resistance</i> , 2016, 22, 707-711.	2.0	9
44	Functional Characterization of the Lactolisterin BU Gene Cluster of <i>Lactococcus lactis</i> subsp. <i>lactis</i> BGBU1-4. <i>Frontiers in Microbiology</i> , 2018, 9, 2774.	3.5	9
45	Temperature, pH and Trimethoprim-Sulfamethoxazole Are Potent Inhibitors of Biofilm Formation by <i>Stenotrophomonas maltophilia</i> Clinical Isolates. <i>Polish Journal of Microbiology</i> , 2017, 66, 433-438.	1.7	9
46	5' untranslated region of the <i>Pseudomonas putida</i> WCS358 stationary phase sigma factor <i>rpoS</i> mRNA is involved in RpoS translational regulation. <i>Journal of Microbiology</i> , 2008, 46, 56-61.	2.8	8
47	AggLr, a novel aggregation factor in <i>Lactococcus raffinolactis</i> BGTRK10-1: its role in surface adhesion. <i>Biofouling</i> , 2018, 34, 685-698.	2.2	8
48	Large-scale chromosome flip-flop reversible inversion mediates phenotypic switching of expression of antibiotic resistance in lactococci. <i>Microbiological Research</i> , 2020, 241, 126583.	5.3	8
49	Virulence traits associated with <i>Burkholderia cenocepacia</i> ST856 epidemic strain isolated from cystic fibrosis patients. <i>Antimicrobial Resistance and Infection Control</i> , 2017, 6, 57.	4.1	7
50	Morphological and molecular identification of potato cyst nematode populations in Serbia. <i>Archives of Biological Sciences</i> , 2010, 62, 747-754.	0.5	7
51	Bacterial Diversity among the Sediments of Glacial Lakes in the Western Balkans: Exploring the Impact of Human Population. <i>Geomicrobiology Journal</i> , 2019, 36, 261-270.	2.0	6
52	PsrA Regulator Connects Cell Physiology and Class 1 Integron Integrase Gene Expression Through the Regulation of <i>lexA</i> Gene Expression in <i>Pseudomonas</i> spp.. <i>Current Microbiology</i> , 2019, 76, 320-328.	2.2	6
53	Lactococcin B Is Inactivated by Intrinsic Proteinase PrtP Digestion in <i>Lactococcus lactis</i> subsp. <i>lactis</i> BCMN1-501. <i>Frontiers in Microbiology</i> , 2019, 10, 874.	3.5	6
54	Broad range of substrate specificities in papain and fig latex enzymes preparations improve enumeration of <i>Listeria monocytogenes</i> . <i>International Journal of Food Microbiology</i> , 2020, 334, 108851.	4.7	6

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55	Large chromosomal inversion correlated with spectinomycin resistance in <i>Lactococcus lactis</i> subsp. <i>lactis</i> bv. <i>diacetylactis</i> S50. Canadian Journal of Microbiology, 2008, 54, 143-149.	1.7	5
56	Inducible expression of choline sulfatase and its regulator BetR in <i>Pseudomonas</i> sp. ATCC19151. Archives of Microbiology, 2011, 193, 399-405.	2.2	5
57	Characterization of antibiotic resistance in <i>Escherichia coli</i> isolates from Black-headed gulls (<i>Larus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo 199-209.	1.6	5
58	Emergence of VIM-2 metallo- β -lactamase-producing <i>Pseudomonas aeruginosa</i> isolates in a paediatric hospital in Serbia. Journal of Medical Microbiology, 2011, 60, 868-869.	1.8	4
59	Shotgun metagenomics reveals differences in antibiotic resistance genes among bacterial communities in Western Balkans glacial lakes sediments. Journal of Water and Health, 2020, 18, 383-397.	2.6	4
60	Trypsin activity and freeze-thaw stability in the presence of ions and non-ionic surfactants. Journal of Bioscience and Bioengineering, 2021, 131, 234-240.	2.2	4
61	Effect of methionine and cysteine deprivation on growth of different natural isolates of <i>Lactobacillus</i> spp. in chemically defined media. Archives of Biological Sciences, 2008, 60, 509-517.	0.5	4
62	Fluoroquinolone-resistant <i>Achromobacter xylosoxidans</i> clinical isolates from Serbia: high prevalence of the <i>aac</i> -(6)- <i>lb-cr</i> gene among resistant isolates. Folia Microbiologica, 2019, 64, 153-159.	2.3	2
63	Over-expressed CmbT multidrug resistance transporter improves the fitness of <i>Lactococcus lactis</i> . Genetika, 2013, 45, 197-206.	0.4	1
64	Identifying the CmbT substrates specificity by using a quantitative structure-activity relationship (QSAR) study. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 764-771.	5.3	1
65	C-protein β -antigen modulates the lantibiotic thusin resistance in <i>Streptococcus agalactiae</i> . Antonie Van Leeuwenhoek, 2021, 114, 1595-1607.	1.7	1
66	A successful use of a new shuttle cloning vector pA13 for the cloning of the bacteriocins BacSJ and acidocin 8912. Archives of Biological Sciences, 2010, 62, 231-243.	0.5	1
67	Resistance to antibiotics in Lacid acid bacteria - strain <i>Lactococcus</i> . Veterinarski Glasnik, 2015, 69, 271-282.	0.3	1
68	Novel RclSAR three-component system regulates expression of the <i>intl1</i> gene in the stationary growth phase. Research in Microbiology, 2022, 173, 103885.	2.1	1
69	Post-translational regulation of the RpoS and PsrA genes in <i>pseudomonas putida</i> WCS358: The role of ClpXP protease. Archives of Biological Sciences, 2008, 60, 1-4.	0.5	1
70	Genomic Analysis of Multidrug-Resistant <i>Salmonella enterica</i> Serovar Kentucky Isolates from Humans, Turkey, and Food in the Republic of Serbia. Foodborne Pathogens and Disease, 0, , .	1.8	0