

# Ivica DimkiÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,656  
citations

394286

19  
h-index

315616

38  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1922  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological control of plant pathogens by <i>Bacillus</i> species. <i>Journal of Biotechnology</i> , 2018, 285, 44-55.	1.9	452
2	Antifungal activity of selected essential oils against fungi isolated from medicinal plant. <i>Industrial Crops and Products</i> , 2014, 55, 116-122.	2.5	136
3	Plant-associated <i>Bacillus</i> and <i>Pseudomonas</i> antimicrobial activities in plant disease suppression via biological control mechanisms - A review. <i>Physiological and Molecular Plant Pathology</i> , 2022, 117, 101754.	1.3	132
4	Characterization and evaluation of two <i>Bacillus</i> strains, SS-12.6 and SS-13.1, as potential agents for the control of phytopathogenic bacteria and fungi. <i>Biological Control</i> , 2013, 65, 312-321.	1.4	99
5	The Profile and Antimicrobial Activity of <i>Bacillus</i> Lipopeptide Extracts of Five Potential Biocontrol Strains. <i>Frontiers in Microbiology</i> , 2017, 8, 925.	1.5	77
6	Antimicrobial Activity of Serbian Propolis Evaluated by Means of MIC, HPTLC, Bioautography and Chemometrics. <i>PLoS ONE</i> , 2016, 11, e0157097.	1.1	67
7	Phenolic profiles and antimicrobial activity of various plant resins as potential botanical sources of Serbian propolis. <i>Industrial Crops and Products</i> , 2016, 94, 856-871.	2.5	50
8	Diversity and biodeteriorative potential of fungal dwellers on ancient stone stela. <i>International Biodeterioration and Biodegradation</i> , 2016, 115, 212-223.	1.9	42
9	Profiling of Turkish propolis subtypes: Comparative evaluation of their phytochemical compositions, antioxidant and antimicrobial activities. <i>LWT - Food Science and Technology</i> , 2018, 95, 367-379.	2.5	40
10	Biological control of <i>Pseudomonas syringae</i> pv. <i>aptata</i> on sugar beet with <i>Bacillus pumilus</i> SS-10.7 and <i>Bacillus amyloliquefaciens</i> (SS-12.6 and SS-38.4) strains. <i>Journal of Applied Microbiology</i> , 2019, 126, 165-176.	1.4	38
11	Biodegradative potential of fungal isolates from sacral ambient: In vitro study as risk assessment implication for the conservation of wall paintings. <i>PLoS ONE</i> , 2018, 13, e0190922.	1.1	38
12	Frankincense and myrrh essential oils and burn incense fume against micro-inhabitants of sacral ambients. <i>Wisdom of the ancients?</i> <i>Journal of Ethnopharmacology</i> , 2018, 219, 1-14.	2.0	33
13	The first nationwide multicenter study of <i>Acinetobacter baumannii</i> recovered in Serbia: emergence of OXA-72, OXA-23 and NDM-1-producing isolates. <i>Antimicrobial Resistance and Infection Control</i> , 2020, 9, 101.	1.5	33
14	Biogenesis of secondary mycogenic minerals related to wall paintings deterioration process. <i>Micron</i> , 2017, 100, 1-9.	1.1	31
15	Additive and synergistic effects of <i>Bacillus</i> spp. isolates and essential oils on the control of phytopathogenic and saprophytic fungi from medicinal plants and marigold seeds. <i>Biological Control</i> , 2015, 87, 6-13.	1.4	28
16	Phyllosphere Fungal Communities of Plum and Antifungal Activity of Indigenous Phenazine-Producing <i>Pseudomonas synxantha</i> Against <i>Monilinia laxa</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2287.	1.5	25
17	Beneficial Effect of Virgin Coconut Oil on Alloxan-Induced Diabetes and Microbiota Composition in Rats. <i>Plant Foods for Human Nutrition</i> , 2018, 73, 295-301.	1.4	24
18	Screening for the presence of biosynthetic genes for antimicrobial lipopeptides in natural isolates of <i>Bacillus</i> sp.. <i>Archives of Biological Sciences</i> , 2012, 64, 1425-1432.	0.2	20

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19	Radical Scavenging and Antimicrobial Properties of Polyphenol Rich Waste Wood Extracts. <i>Foods</i> , 2020, 9, 319.	1.9	19
20	The microbiome of bat guano: for what is this knowledge important?. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 1407-1419.	1.7	19
21	<i>Xanthomonas bonasiae</i> sp. nov. and <i>Xanthomonas youngii</i> sp. nov., isolated from crown gall tissues. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	16
22	Chemical Defence in a Millipede: Evaluation and Characterization of Antimicrobial Activity of the Defensive Secretion from <i>Pachyiulus hungaricus</i> (Karsch, 1881) (Diplopoda, Julida, Julidae). <i>PLoS ONE</i> , 2016, 11, e0167249.	1.1	13
23	Linden tea from Serbia â€“ an insight into the phenolic profile, radical scavenging and antimicrobial activities. <i>Industrial Crops and Products</i> , 2020, 154, 112639.	2.5	13
24	Genetic diversity and virulence of <i>Xanthomonas campestris</i> pv. <i>campestris</i> isolates from <i>Brassica napus</i> and six <i>Brassica oleracea</i> crops in Serbia. <i>Plant Pathology</i> , 2019, 68, 1448-1457.	1.2	12
25	Bacterial communities of plum phyllosphere and characterization of indigenous antagonistic <i>Bacillus thuringiensis</i> R3/3 isolate. <i>Journal of Applied Microbiology</i> , 2020, 128, 528-543.	1.4	12
26	Bacterial and fungal diversity in the Irandite (TIA s2) mine â€“ Allchar' in the Republic of North Macedonia. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	11
27	Bat guano-dwelling microbes and antimicrobial properties of the pygidial gland secretion of a troglomorphic ground beetle against them. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 4109-4126.	1.7	11
28	Changes in the winter oilseed rape microbiome affected by <i>Xanthomonas campestris</i> pv. <i>campestris</i> and biocontrol potential of the indigenous <i>Bacillus</i> and <i>Pseudomonas</i> isolates. <i>Biological Control</i> , 2021, 160, 104695.	1.4	11
29	First Report of <i>Pectobacterium atrosepticum</i> , Causing Bacterial Soft Rot on Calla Lily in Serbia. <i>Plant Disease</i> , 2017, 101, 2145.	0.7	11
30	New perspectives of purple starthistle ( <i>Centaurea calcitrapa</i> ) leaf extracts: phytochemical analysis, cytotoxicity and antimicrobial activity. <i>AMB Express</i> , 2020, 10, 183.	1.4	11
31	Phenotypic and Molecular-Phylogenetic Analyses Reveal Distinct Features of Crown Gall-Associated <i>Xanthomonas</i> Strains. <i>Microbiology Spectrum</i> , 2022, 10, e0057721.	1.2	11
32	Effect-directed screening of <i>Bacillus</i> lipopeptide extracts via hyphenated high-performance thin-layer chromatography. <i>Journal of Chromatography A</i> , 2019, 1605, 460366.	1.8	10
33	Phenolic composition and biological activities of geographically different type of propolis and black cottonwood resins against oral streptococci, vaginal microbiota and phytopathogenic <i>Fusarium</i> species. <i>Journal of Applied Microbiology</i> , 2020, 129, 296-310.	1.4	9
34	Isolation and identification of <i>Bacillus</i> spp. from compost material, compost and mushroom casing soil active against <i>Trichoderma</i> spp.. <i>Archives of Biological Sciences</i> , 2016, 68, 845-852.	0.2	9
35	Genetic diversity and pathogenicity of <i>Pseudomonas syringae</i> pv. <i>aptata</i> isolated from sugar beet. <i>Plant Pathology</i> , 2018, 67, 1194-1207.	1.2	8
36	Millipedes vs. pathogens: Defensive secretions of some julids (Diplopoda: Julida) as potential antimicrobial agents. <i>Journal of Applied Entomology</i> , 2018, 142, 775-791.	0.8	8

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37	Genotyping of <i>Bacillus</i> spp. isolate collection from natural samples. <i>Genetika</i> , 2017, 49, 445-456.	0.1	7
38	The chitinolytic activity of the <i>Curtobacterium</i> sp. isolated from field-grown soybean and analysis of its genome sequence. <i>PLoS ONE</i> , 2021, 16, e0259465.	1.1	6
39	The Microbiome of the "Williams"™ Pear Variety Grown in the Organic Orchard and Antifungal Activity by the Autochthonous Bacterial and Yeast Isolates. <i>Microorganisms</i> , 2022, 10, 1282.	1.6	6
40	Seasonal diversity of biodeteriogenic, pathogenic, and toxigenic constituents of airborne mycobiota in a sacral environment. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2018, 69, 317-327.	0.4	5
41	Phenotypic and genetic properties of susceptible and multidrug-resistant <i>Pseudomonas aeruginosa</i> isolates in Southern Serbia. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2020, 71, 231-250.	0.4	5
42	Molecular Characterization of <i>Pseudomonas syringae</i> pv. <i>coriandricola</i> and Biochemical Changes Attributable to the Pathological Response on Its Hosts Carrot, Parsley, and Parsnip. <i>Plant Disease</i> , 2019, 103, 3072-3082.	0.7	4
43	<i>Trichoderma harzianum</i> IS005-12 promotes germination, seedling growth and seedborne fungi suppression in Italian ryegrass forage. <i>Plant, Soil and Environment</i> , 2021, 67, 130-136.	1.0	4
44	Identification and antibiotic resistance of <i>Bacillus</i> spp. isolates from natural samples. <i>Archives of Biological Sciences</i> , 2018, 70, 581-588.	0.2	4
45	Changes in chemical attributes during ripening of traditional fermented sausage, "Pirotoned". IOP Conference Series: Earth and Environmental Science, 2019, 333, 012100.	0.2	3
46	New insights into the genetic diversity of <i>Xanthomonas campestris</i> pv. <i>campestris</i> isolates from winter oilseed rape in Serbia. <i>Plant Pathology</i> , 2021, 70, 35-49.	1.2	3
47	Altered diversity of bacterial communities in two <i>Drosophila</i> species under laboratory conditions and lead exposure. <i>Archives of Biological Sciences</i> , 2021, 73, 17-29.	0.2	3
48	Antibacterial activity of herbal extracts towards uropathogenic <i>Enterococcus</i> isolates as a natural approach in control of urinary tract infections. <i>Journal of Herbal Medicine</i> , 2021, 28, 100445.	1.0	3
49	Chemical composition and inhibitory activity of selected essential oils against fungi isolated from medicinal plants. <i>Lekovite Sirovine</i> , 2014, 34, 69-80.	0.8	3
50	Effects of selected bryophyte species extracts on microorganisms. <i>Acta Biologica Plantarum Agriensis</i> , 2017, 5, 63-63.	0.3	3
51	Susceptibility of Serbian plum cultivars to indigenous bacterial and <i>Monilinia laxa</i> isolates. <i>Botanica Serbica</i> , 2020, 44, 203-210.	0.4	3
52	Artificial sandpit lake as a habitat of brackish diatom species. <i>Botany Letters</i> , 2022, 169, 360-369.	0.7	3
53	Reduction of hexavalent chromium by <i>Bacillus</i> spp. isolated from heavy metals-polluted soil. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2019, 25, 247-258.	0.4	2
54	Genetic polymorphism of lactic acid bacteria isolated from "Pirotoned"™ sausage from Serbia. <i>Archives of Biological Sciences</i> , 2019, 71, 95-102.	0.2	2

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55	Bacteriome composition analysis of selected mineral water occurrences in Serbia. Archives of Biological Sciences, 2022, 74, 67-79.	0.2	2
56	New insights in dehydration stress behavior of two maize hybrids using advanced distributed reactivity model (DRM). Responses to the impact of 24-epibrassinolide. PLoS ONE, 2017, 12, e0179650.	1.1	1
57	Characterisation of twelve newly synthesised <i>N</i> -(substituted phenyl)-2-chloroacetamides with QSAR analysis and antimicrobial activity tests. Arhiv Za Higijenu Rada I Toksikologiju, 2021, 72, 70-79.	0.4	1
58	In vitro antifungal potential of Bacillus spp.: Isolates as biocontrol agents. Lekovite Sirovine, 2015, , 163-180.	0.8	1
59	Stability and <i>in vitro</i> antimicrobial efficacy of a nanopropolis formulation intended for intramammary treatment of bovine mastitis. Revista Brasileira De Higiene E Sanidade Animal, 2014, 8, .	0.0	0
60	Uticaj mikroorganizama na starenje vodozahvatnih objekata odabranih pojava mineralnih voda Srbije. Procesna Tehnika, 2019, 31, 28.	0.3	0