

Ljiljana ÄŒomiÄ

List of Publications by Year in descending order

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69
papers

1,210
citations

394421

19
h-index

395702

33
g-index

69
all docs

69
docs citations

69
times ranked

1941
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The phytochemical composition and biological activities of different types of extracts of <i>Achillea ageratifolia</i> subsp. <i>serbica</i> . <i>Botanica Serbica</i> , 2021, 45, 49-59. | 1.0 | 2 |
| 2 | In vitro and in silico lipoxygenase inhibition studies and antimicrobial activity of pyrazolyl-phthalazine-diones. <i>Kragujevac Journal of Science</i> , 2021, , 35-52. | 0.4 | 2 |
| 3 | Synthesis, characterization and antimicrobial activity of palladium(II) complexes with O,O'-dialkyl esters of (S,S)-ethylenediamine-N,N'-di-(3,3- H-indol-3yl)-propionic acid. <i>Inorganica Chimica Acta</i> , 2020, 510, 119743. | 2.4 | 3 |
| 4 | Antibacterial and antioxidant activity of wild-growing <i>Angelica</i> species (Apiaceae) from Balkan Peninsula against human pathogenic bacteria. <i>Journal of Essential Oil Research</i> , 2020, 32, 464-473. | 2.7 | 4 |
| 5 | Antimicrobial Activity of Indian Meal Moth Silk, &i>Plodia interpunctella&i>. <i>Current Science</i> , 2020, 118, 1609. | 0.8 | 0 |
| 6 | Tolerance of autochthonous lactic acid bacteria to different processing conditions in vitro. <i>Food and Feed Research</i> , 2020, 47, 119-129. | 0.5 | 0 |
| 7 | Broth depending production of extracellular enzymes by enterobacteria isolated from dairy food (Serbian cheese). <i>Kragujevac Journal of Science</i> , 2020, , 123-134. | 0.4 | 0 |
| 8 | Detection of enzymes produced by lactic acid bacteria isolated from traditionally made Serbian cheese and their role in the formation of its specific flavor. <i>Acta Agriculturae Serbica</i> , 2020, 25, 165-169. | 0.6 | 2 |
| 9 | The ability to use sugars and sugar substitutes as prebiotics by Serbian autochthonous lactic acid bacteria. <i>Kragujevac Journal of Science</i> , 2020, , 113-122. | 0.4 | 0 |
| 10 | Phytochemical Evaluation, Antimicrobial and Anticancer Properties of New Oligo Grapes Supplement. <i>Natural Product Communications</i> , 2019, 14, 1934578X1986037. | 0.5 | 0 |
| 11 | In vitro evaluation of antimicrobial and antibiofilm activity of <i>Oleum Hyperici</i> : An original product from GoÄ•Mountain (Serbia). <i>Kragujevac Journal of Science</i> , 2019, , 97-106. | 0.4 | 0 |
| 12 | DNA binding, antibacterial and antifungal activities of copper(II) complexes with some S-alkenyl derivatives of thiosalicylic acid. <i>Transition Metal Chemistry</i> , 2018, 43, 137-148. | 1.4 | 7 |
| 13 | In vitro evaluation of resistance to environmental stress by planktonic and biofilm form of lactic acid bacteria isolated from traditionally made cheese from Serbia. <i>Food Bioscience</i> , 2018, 23, 54-59. | 4.4 | 25 |
| 14 | Isolation and identification of Enterobacteriaceae from traditional Serbian cheese and their physiological characteristics. <i>Journal of Food Safety</i> , 2018, 38, e12387. | 2.3 | 11 |
| 15 | The influence of environmental factors on the planktonic growth and biofilm formation of <i>Escherichia coli</i> . <i>Kragujevac Journal of Science</i> , 2018, , 205-216. | 0.4 | 4 |
| 16 | Heavy metal tolerance and removal efficiency of the <i>Rhodotorula mucilaginosa</i> and <i>Saccharomyces boulardii</i> planktonic cells and biofilm. <i>Kragujevac Journal of Science</i> , 2018, , 217-226. | 0.4 | 6 |
| 17 | Comparison of the <i>Rhodotorula mucilaginosa</i> Biofilm and Planktonic Culture on Heavy Metal Susceptibility and Removal Potential. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1. | 2.4 | 46 |
| 18 | Heavy metal tolerance and removal potential in mixed-species biofilm. <i>Water Science and Technology</i> , 2017, 76, 806-812. | 2.5 | 14 |

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|----|---|-----|-----------|
| 19 | Low-dimensional compounds containing bioactive ligands. Part VIII: DNA interaction, antimicrobial and antitumor activities of ionic 5,7-dihalo-8-quinolinolato palladium(II) complexes with K ⁺ and Cs ⁺ cations. <i>Journal of Inorganic Biochemistry</i> , 2017, 167, 80-88. | 3.5 | 20 |
| 20 | Antibacterial, antibiofilm and antioxidant screening of copper(II)-complexes with some S-alkyl derivatives of thiosalicylic acid. Crystal structure of the binuclear copper(II)-complex with S-propyl derivative of thiosalicylic acid. <i>Journal of Molecular Structure</i> , 2017, 1128, 330-337. | 3.6 | 19 |
| 21 | Difference in influence of commercial industrial paints on microbial biofilms and planktonic cells. <i>Kragujevac Journal of Science</i> , 2017, , 145-156. | 0.4 | 1 |
| 22 | In vitro interaction between <i>Agrimonia eupatoria</i> L.: Extracts and antibiotic. <i>Kragujevac Journal of Science</i> , 2017, , 157-164. | 0.4 | 2 |
| 23 | Extracts of <i>Agrimonia eupatoria</i> L. as sources of biologically active compounds and evaluation of their antioxidant, antimicrobial, and antibiofilm activities. <i>Journal of Food and Drug Analysis</i> , 2016, 24, 539-547. | 1.9 | 54 |
| 24 | Part XXIII. Synthesis and characterization of platinum(IV) complexes with O,O'-dialkyl esters of (S,S)-ethylenediamine-N,N'-di-2-(3-methyl)butanoic acid and bromido ligands. Antimicrobial, antibiofilm and antioxidant screening. <i>Inorganica Chimica Acta</i> , 2016, 442, 105-110. | 2.4 | 5 |
| 25 | Comparative Study of Composition, Antioxidant, and Antimicrobial Activities of Essential Oils of Selected Aromatic Plants from Balkan Peninsula. <i>Planta Medica</i> , 2016, 82, 650-661. | 1.3 | 15 |
| 26 | Antibacterial and Antioxidant Activity of Traditional Medicinal Plants from the Balkan Peninsula. <i>Njas - Wageningen Journal of Life Sciences</i> , 2016, 78, 21-28. | 7.7 | 82 |
| 27 | Low-dimensional compounds containing bioactive ligands. Part VI: Synthesis, structures, in vitro DNA binding, antimicrobial and anticancer properties of first row transition metal complexes with 5-chloro-quinolin-8-ol. <i>Journal of Inorganic Biochemistry</i> , 2016, 154, 67-77. | 3.5 | 49 |
| 28 | Pb and Hg heavy metal tolerance of single- and mixed-species biofilm (<i>Rhodotorula mucilaginosa</i> and) Tj ETQq0 0 0 ggBT /Overlock 10 Tf 0,4 | 0.4 | 8 |
| 29 | <i>In vitro</i> biological activity of secondary metabolites from <i>Seseli rigidum</i> Waldst. et Kit. (Apiaceae). <i>Acta Biologica Hungarica</i> , 2015, 66, 395-405. | 0.7 | 6 |
| 30 | <i>Melilotus albus</i> and <i>Dorycnium herbaceum</i> extracts as source of phenolic compounds and their antimicrobial, antibiofilm, and antioxidant potentials. <i>Journal of Food and Drug Analysis</i> , 2015, 23, 417-424. | 1.9 | 46 |
| 31 | Composite Web Information System for Management of Water Resources. <i>Water Resources Management</i> , 2015, 29, 2285-2301. | 3.9 | 11 |
| 32 | Antimicrobial and antibiofilm activities of secondary metabolites from <i>Vinca minor</i> L.. <i>Applied Biochemistry and Microbiology</i> , 2015, 51, 572-578. | 0.9 | 6 |
| 33 | Stereospecific ligands and their complexes. Part XXI. Synthesis, characterization, circular dichroism and antimicrobial activity of cobalt(III) complexes with some edda-type of ligands. Crystal structure of potassium- λ^5 (589-s-cis-oxalato-(S,S)-ethylenediamine-N,N'-di-(2-propanoato)-cobaltate(III)-semihydrate, K λ^5 -(λ^5)-589-s-cis-[Co(S,S-eddp)(ox)] \cdot 0.5H ₂ O. <i>Polyhedron</i> , 2015, 85, 1-9. | 2.2 | 1 |
| 34 | Secondary metabolite content and in vitro biological effects of <i>Ajuga chamaepitys</i> (L.) Schreb. subsp. <i>chamaepitys</i> . <i>Archives of Biological Sciences</i> , 2015, 67, 1195-1202. | 0.5 | 11 |
| 35 | Synthetic cinnamates as potential antimicrobial agents. <i>Hemijska Industrija</i> , 2015, 69, 37-42. | 0.7 | 9 |
| 36 | Synthesis, characterization and antimicrobial activity of copper(II) complexes with some S-alkyl derivatives of thiosalicylic acid. Crystal structure of the binuclear copper(II) complex with S-methyl derivative of thiosalicylic acid. <i>Polyhedron</i> , 2014, 79, 80-87. | 2.2 | 16 |

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|----|--|-----|-----------|
| 37 | Antibacterial and anti-biofilm activity of ginger (<i>Zingiber officinale</i> (Roscoe)) ethanolic extract. <i>Kragujevac Journal of Science</i> , 2014, , 129-136. | 0.4 | 37 |
| 38 | Antimicrobial activity and some phytochemical analysis of two extracts <i>Vinca minor</i> L.. <i>Kragujevac Journal of Science</i> , 2014, , 145-154. | 0.4 | 7 |
| 39 | Anibacterial, antibiofilm and antioxidant activity of <i>Potamogeton nodosus</i> Poir. extracts. <i>Kragujevac Journal of Science</i> , 2014, , 137-144. | 0.4 | 0 |
| 40 | <i>Platismatia glauca</i> and <i>Pseudevernia furfuracea</i> lichens as sources of antioxidant, antimicrobial and antibiofilm agents. <i>EXCLI Journal</i> , 2014, 13, 938-53. | 0.7 | 30 |
| 41 | Stereospecific ligands and their complexes. Part XIX. Synthesis, characterization, circular dichroism and antimicrobial activity of oxalato and malonato-(<i>S,S</i>)-ethylenediamine- <i>N,N</i> ÄŒ ² -di-2-(3-methyl)butanoato-chromate(III) complexes. <i>Journal of Molecular Structure</i> . 2013. 1050. 133-139. | 3.6 | 1 |
| 42 | Biological activities of the extracts from wild growing <i>Origanum vulgare</i> L. <i>Food Control</i> , 2013, 33, 498-504. | 5.5 | 57 |
| 43 | Prediction of dissolved oxygen in reservoirs using adaptive network-based fuzzy inference system. <i>Journal of Hydroinformatics</i> , 2012, 14, 167-179. | 2.4 | 34 |
| 44 | Commercial <i>Carlinae radix</i> herbal drug: Botanical identity, chemical composition and antimicrobial properties. <i>Pharmaceutical Biology</i> , 2012, 50, 933-940. | 2.9 | 31 |
| 45 | Stereospecific ligands and their complexes. XI: Synthesis, characterization and antimicrobial activity of palladium(II) complexes with some alkyl esters of (<i>S,S</i>)-ethylenediamine- <i>N,N</i> ÄŒ ² -di-2-(3-methyl)-butanoic acid. <i>Inorganica Chimica Acta</i> , 2012, 391, 44-49. | 2.4 | 11 |
| 46 | Synthesis, characterization and antimicrobial activity of novel platinum(IV) and palladium(II) complexes with meso-1,2-diphenyl-ethylenediamine- <i>N,N</i> ÄŒ ² -di-3-propanoic acid ÄŒ“ Crystal structure of H ₂ -1,2-dpheddpÄŒ2HClÄŒH ₂ O. <i>Journal of Molecular Structure</i> , 2012, 1029, 180-186. | 3.6 | 9 |
| 47 | Antibacterial Activity of Naturally Occurring Compounds from Selected Plants. , 2012, , . | | 5 |
| 48 | Antimicrobial activity of the ionic liquids triethanolamine acetate and diethanolamine chloride, and their corresponding Pd(II) complexes. <i>Journal of Molecular Liquids</i> , 2012, 170, 61-65. | 4.9 | 22 |
| 49 | Synthesis, characterization and antimicrobial activity of palladium(II) complexes with some alkyl derivatives of thiosalicylic acids: Crystal structure of the bis(<i>S</i> -benzyl-thiosalicylate)ÄŒ“ palladium(II) complex, [Pd(<i>S</i> -bz-thiosal) ₂]. <i>Polyhedron</i> , 2012, 31, 69-76. | 2.2 | 42 |
| 50 | Antimicrobial activity, total phenolic content and flavonoid concentrations of <i>Teucrium</i> species. <i>Open Life Sciences</i> , 2012, 7, 664-671. | 1.4 | 16 |
| 51 | Management information system of lakes and reservoirs. <i>Water Resources</i> , 2012, 39, 488-495. | 0.9 | 5 |
| 52 | Stereospecific ligands and their complexes, Part VIII: Antimicrobial activity of palladium(II) complexes with <i>O,O'</i> -dialkyl esters of (<i>S,S</i>)-ethylenediamine- <i>N,N'</i> -di-2-(4-methyl)-pentanoic acid. <i>Hemijska Industrija</i> , 2012, 66, 349-355. | 0.7 | 5 |
| 53 | Antioxidant, Antimicrobial and Antiproliferative Activities of Five Lichen Species. <i>International Journal of Molecular Sciences</i> , 2011, 12, 5428-5448. | 4.1 | 143 |
| 54 | Stereospecific ligands and their complexes IX: Synthesis, characterization and antimicrobial activity of ethyl esters of (<i>S,S</i>)-ethylenediamine- <i>N,N</i> ÄŒ ² -di-2-propanoic and (<i>S,S</i>)-ethylenediamine- <i>N,N</i> ÄŒ ² -di-2-(3-methyl)-butanoic acids and corresponding platinum(IV) complexes: Crystal structure of tetrachloride-(<i>O,O</i> ÄŒ ² -diethyl-(<i>S,S</i>)-ethylenediamine- <i>N,N</i> ÄŒ ² -di-2-propanoato)-platinum(IV), [PtCl ₄ (det- <i>S,S</i> -eddp)]. <i>Polyhedron</i> , 2011, 30, 2203-2209. | 2.2 | 6 |

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|----|---|-----|-----------|
| 55 | Structure-activity relationships of 3-substituted-5,5- diphenylhydantoins as potential antiproliferative and antimicrobial agents. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 1597-1606. | 0.8 | 14 |
| 56 | Antibacterial activity chemical composition relationship of the essential oils from cultivated plants from Serbia. <i>Hemijska Industrija</i> , 2011, 65, 583-589. | 0.7 | 7 |
| 57 | Synergy between <i>Salvia officinalis</i> L. and some preservatives. <i>Open Life Sciences</i> , 2010, 5, 491-495. | 1.4 | 3 |
| 58 | Chemical composition and antimicrobial activity of <i>Erodium</i> species: <i>E. ciconium</i> L., <i>E. cicutarium</i> L., and <i>E. absinthoides</i> Willd. (<i>Geraniaceae</i>). <i>Chemical Papers</i> , 2010, 64, . | 2.2 | 20 |
| 59 | Neural network modeling of dissolved oxygen in the Gruža reservoir, Serbia. <i>Ecological Modelling</i> , 2010, 221, 1239-1244. | 2.5 | 133 |
| 60 | Stereospecific ligands and their complexes. V. Synthesis, characterization and antimicrobial activity of palladium(II) complexes with some alkyl esters of (S,S)-ethylenediamine-N,N'-di-2-propanoic acid. <i>Inorganica Chimica Acta</i> , 2010, 363, 3606-3610. | 2.4 | 24 |
| 61 | In vitro synergistic antibacterial activity of <i>Salvia officinalis</i> L. and some preservatives. <i>Archives of Biological Sciences</i> , 2010, 62, 167-174. | 0.5 | 38 |
| 62 | Mediterranean Region. , 2010, , 97-114. | | 0 |
| 63 | Inhibitory effect of <i>Torilis anthriscus</i> on growth of microorganisms. <i>Open Life Sciences</i> , 2009, 4, 493-498. | 1.4 | 5 |
| 64 | Effects of anthropogenic influences on the trophic status of two water supply reservoirs in Serbia. <i>Lakes and Reservoirs: Research and Management</i> , 2007, 12, 175-185. | 0.9 | 4 |
| 65 | Estimate of the Eutrophication Process in the Gruža Reservoir (Serbia and Montenegro). <i>Clean - Soil, Air, Water</i> , 2005, 33, 605-613. | 0.6 | 9 |
| 66 | A microbiological index in estimation of surface water quality. <i>Hydrobiologia</i> , 2002, 489, 219-224. | 2.0 | 3 |
| 67 | Microbiological index of water quality (mWQI) tested on the Gruža reservoir. <i>Archives of Biological Sciences</i> , 2002, 54, 75-78. | 0.5 | 0 |
| 68 | The genus <i>Erysiphe</i> in Serbia.. <i>Czech Mycology</i> , 1996, 49, 65-76. | 0.5 | 2 |
| 69 | Antimicrobial Activity of Various Hydantoin Derivatives , 0, , . | | 0 |