Ljiljana ÄŒomiÄ

List of Publications by Year
in descending order

Version: 2024-02-01

69	1,210	394421	395702
papers	citations	19	33
		h-index	g-index

69	69	69	1941
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antioxidant, Antimicrobial and Antiproliferative Activities of Five Lichen Species. International Journal of Molecular Sciences, 2011, 12, 5428-5448.	4.1	143
2	Neural network modeling of dissolved oxygen in the GruÅ¾a reservoir, Serbia. Ecological Modelling, 2010, 221, 1239-1244.	2.5	133
3	Antibacterial and Antioxidant Activity of Traditional Medicinal Plants from the Balkan Peninsula. Njas - Wageningen Journal of Life Sciences, 2016, 78, 21-28.	7.7	82
4	Biological activities of the extracts from wild growing Origanum vulgare L. Food Control, 2013, 33, 498-504.	5.5	57
5	Extracts of Agrimonia eupatoria L. as sources of biologically active compounds and evaluation of their antioxidant, antimicrobial, and antibiofilm activities. Journal of Food and Drug Analysis, 2016, 24, 539-547.	1.9	54
6	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. Journal of Inorganic Biochemistry, 2016, 154, 67-77.	3.5	49
7	Melilotus albus and Dorycnium herbaceum extracts as source of phenolic compounds and their antimicrobial, antibiofilm, and antioxidant potentials. Journal of Food and Drug Analysis, 2015, 23, 417-424.	1.9	46
8	Comparison of the Rhodotorula mucilaginosa Biofilm and Planktonic Culture on Heavy Metal Susceptibility and Removal Potential. Water, Air, and Soil Pollution, 2017, 228, 1.	2.4	46
9	Synthesis, characterization and antimicrobial activity of palladium(II) complexes with some alkyl derivates of thiosalicylic acids: Crystal structure of the bis(S-benzyl-thiosalicylate)â€“palladium(II) complex, [Pd(S-bz-thiosal)2]. Polyhedron, 2012, 31, 69-76.	2.2	42
10	In vitro synergistic antibacterial activity of Salvia officinalis L. and some preservatives. Archives of Biological Sciences, 2010, 62, 167-174.	0.5	38
11	Antibacterial and anti-biofilm activity of ginger (Zingiber officinale (Roscoe)) ethanolic extract. Kragujevac Journal of Science, 2014, , 129-136.	0.4	37
12	Prediction of dissolved oxygen in reservoirs using adaptive network-based fuzzy inference system. Journal of Hydroinformatics, 2012, 14, 167-179.	2.4	34
13	CommercialCarlinae radixherbal drug: Botanical identity, chemical composition and antimicrobial properties. Pharmaceutical Biology, 2012, 50, 933-940.	2.9	31
14	Platismatia glaucia and Pseudevernia furfuracea lichens as sources of antioxidant, antimicrobial and antibiofilm agents. EXCLI Journal, 2014, 13, 938-53.	0.7	30
15	In vitro evaluation of resistance to environmental stress by planktonic and biofilm form of lactic acid bacteria isolated from traditionally made cheese from Serbia. Food Bioscience, 2018, 23, 54-59.	4.4	25
16	Stereospecific ligands and their complexes. V. Synthesis, characterization and antimicrobial activity of palladium(II) complexes with some alkyl esters of (S,S)-ethylenediamine-N,Nâ€²-di-2-propanoic acid. Inorganica Chimica Acta, 2010, 363, 3606-3610.	2.4	24
17	Antimicrobial activity of the ionic liquids triethanolamine acetate and diethanolamine chloride, and their corresponding Pd(II) complexes. Journal of Molecular Liquids, 2012, 170, 61-65.	4.9	22
18	Chemical composition and antimicrobial activity of Erodium species: E. ciconium L., E. cicutarium L., and E. absinthoides Willd. (Geraniaceae). Chemical Papers, 2010, 64, .	2.2	20

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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. Journal of Inorganic Biochemistry, 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. Journal of Molecular Structure, 2017, 1128, 330-337.	3.6	19
21	Antimicrobial activity, total phenolic content and flavonoid concentrations of Teucrium species. Open Life Sciences, 2012, 7, 664-671.	1.4	16
22	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. Polyhedron, 2014, 79, 80-87.	2.2	16
23	Comparative Study of Composition, Antioxidant, and Antimicrobial Activities of Essential Oils of Selected Aromatic Plants from Balkan Peninsula. Planta Medica, 2016, 82, 650-661.	1.3	15
24	Structure-activity relationships of 3-substituted-5,5- diphenylhydantoins as potential antiproliferative and antimicrobial agents. Journal of the Serbian Chemical Society, 2011, 76, 1597-1606.	0.8	14
25	Heavy metal tolerance and removal potential in mixed-species biofilm. Water Science and Technology, 2017, 76, 806-812.	2.5	14
26	Stereospecific ligands and their complexes. XI: Synthesis, characterization and antimicrobial activity of palladium(II) complexes with some alkyl esters of (S,S)-ethylenediamine-N,Nâ€²-di-2-(3-methyl)-butanoic acid. Inorganica Chimica Acta, 2012, 391, 44-49.	2.4	11
27	Composite Web Information System for Management of Water Resources. Water Resources Management, 2015, 29, 2285-2301.	3.9	11
28	Isolation and identification of Enterobacteriaceae from traditional Serbian cheese and their physiological characteristics. Journal of Food Safety, 2018, 38, e12387.	2.3	11
29	Secondary metabolite content and in vitro biological effects of Ajuga chamaepitys (L.) Schreb. subsp. chamaepitys. Archives of Biological Sciences, 2015, 67, 1195-1202.	0.5	11
30	Estimate of the Eutrophication Process in the GruÅ¾a Reservoir (Serbia and Montenegro). Clean - Soil, Air, Water, 2005, 33, 605-613.	0.6	9
31	Synthesis, characterization and antimicrobial activity of novel platinum(IV) and palladium(II) complexes with meso-1,2-diphenyl-ethylenediamine-N,Nâ€²-di-3-propanoic acid â€“ Crystal structure of H2-1,2-dpheddpÂ·2HClÂ·H2O. Journal of Molecular Structure, 2012, 1029, 180-186.	3.6	9
32	Synthetic cinnamates as potential antimicrobial agents. Hemijska Industrija, 2015, 69, 37-42.	0.7	9
33	Pb and Hg heavy metal tolerance of single- and mixedspecies biofilm (Rhodotorula mucilaginosa and) Tj ETQq1 1 0.784314 rgBT /Ove	0.4	8
34	DNA binding, antibacterial and antifungal activities of copper(II) complexes with some S-alkenyl derivatives of thiosalicylic acid. Transition Metal Chemistry, 2018, 43, 137-148.	1.4	7
35	Antibacterial activity chemical composition relationship of the essential oils from cultivated plants from Serbia. Hemijska Industrija, 2011, 65, 583-589.	0.7	7
36	Antimicrobial activity and some phytochemical analysis of two extracts Vinca minor L.. Kragujevac Journal of Science, 2014, , 145-154.	0.4	7

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37	Stereospecific ligands and their complexes IX: Synthesis, characterization and antimicrobial activity of ethyl esters of (S,S)-ethylenediamine-N,Nâ€²-di-2-propanoic and (S,S)-ethylenediamine-N,Nâ€²-di-2-(3-methyl)-butanoic acids and corresponding platinum(IV) complexes: Crystal structure of tetrachloride-(O,Oâ€²-diethyl-(S,S)-ethylenediamine-N,Nâ€²-di-2-propanoato)-platinum(IV), [PtCl4(det-S,S-eddp)]. Polyhedron, 2011, 30, 2203-2209.	2.2	6
38	In vitrobiological activity of secondary metabolites fromSeseli rigidumWaldst. et Kit. (Apiaceae). Acta Biologica Hungarica, 2015, 66, 395-405.	0.7	6
39	Antimicrobial and antibiofilm activities of secondary metabolites from Vinca minor L.. Applied Biochemistry and Microbiology, 2015, 51, 572-578.	0.9	6
40	Heavy metal tolerance and removal efficiency of the Rhodotorula mucilaginosa and Saccharomyces boulardii planktonic cells and biofilm. Kragujevac Journal of Science, 2018, , 217-226.	0.4	6
41	Inhibitory effect of Torilis anthriscus on growth of microorganisms. Open Life Sciences, 2009, 4, 493-498.	1.4	5
42	Antibacterial Activity of Naturally Occurring Compounds from Selected Plants. , 2012, , .		5
43	Management information system of lakes and reservoirs. Water Resources, 2012, 39, 488-495.	0.9	5
44	Part XXIII. Synthesis and characterization of platinum(IV) complexes with O,Oâ€²-dialkyl esters of (S,S)-ethylenediamine-N,Nâ€²-di-2-(3-methyl)butanoic acid and bromido ligands. Antimicrobial, antibiofilm and antioxidant screening. Inorganica Chimica Acta, 2016, 442, 105-110.	2.4	5
45	Stereospecific ligands and their complexes, Part VIII: Antimicrobial activity of palladium(II) complexes with 0,0'-dialkyl esters of (S,S)-ethylenediamine-N,N'-di-2-(4-methyl)-pentanoic acid. Hemijska Industrija, 2012, 66, 349-355.	0.7	5
46	Effects of anthropogenic influences on the trophic status of two water supply reservoirs in Serbia. Lakes and Reservoirs: Research and Management, 2007, 12, 175-185.	0.9	4
47	Antibacterial and antioxidant activity of wild-growing Angelica species (Apiaceae) from Balkan Peninsula against human pathogenic bacteria. Journal of Essential Oil Research, 2020, 32, 464-473.	2.7	4
48	The influence of environmental factors on the planktonic growth and biofilm formation of Escherichia coli. Kragujevac Journal of Science, 2018, , 205-216.	0.4	4
49	A microbiological index in estimation of surface water quality. Hydrobiologia, 2002, 489, 219-224.	2.0	3
50	Synergy between Salvia officinalis L. and some preservatives. Open Life Sciences, 2010, 5, 491-495.	1.4	3
51	Synthesis, characterization and antimicrobial activity of palladium(II) complexes with O,O'-dialkyl esters of (S,S)-ethylenediamine-N,N'-di-(3,3â€²-1H-indol-3yl)-propionic acid. Inorganica Chimica Acta, 2020, 510, 119743.	2.4	3
52	The phytochemical composition and biological activities of different types of extracts of Achillea ageratifolia subsp. serbica. Botanica Serbica, 2021, 45, 49-59.	1.0	2
53	In vitro and in silico lipoxygenase inhibition studies and antimicrobial activity of pyrazolyl-phthalazine-diones. Kragujevac Journal of Science, 2021, , 35-52.	0.4	2
54	The genus Erysiphe in Serbia.. Czech Mycology, 1996, 49, 65-76.	0.5	2

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55	In vitro interaction between Agrimonia eupatoria L.: Extracts and antibiotic. Kragujevac Journal of Science, 2017, , 157-164.	0.4	2
56	Detection of enzymes produced by lactic acid bacteria isolated from traditionally made Serbian cheese and their role in the formation of its specific flavor. Acta Agriculturae Serbica, 2020, 25, 165-169.	0.6	2
57	Stereospecific ligands and their complexes. Part XIX. Synthesis, characterization, circular dichroism and antimicrobial activity of oxalato and malonato-(S,S)-ethylenediamine-N,Nâ€²-di-2-(3-methyl)butanoato-chromate(III) complexes. Journal of Molecular Structure, 2013, 1050, 133-139.	3.6	1
58	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-Î”-(âˆ’)589-s-cis-oxalato-(S,S)-ethylenediamine-N,Nâ€²-di-(2-propanoato)-cobaltate(III)-semihydrate, K-Î”-(âˆ’)589-s-cis-[Co(S,S-eddp)(ox)]Â·0.5H2O. Polyhedron, 2015, 85, 1-9.	2.2	1
59	Difference in influence of commercial industrial paints on microbial biofilms and planktonic cells. Kragujevac Journal of Science, 2017, , 145-156.	0.4	1
60	Phytochemical Evaluation, Antimicrobial and Anticancer Properties of New â€œOligo Grapesâ€• Supplement. Natural Product Communications, 2019, 14, 1934578X1986037.	0.5	0
61	Microbiological index of water quality (mWQI) tested on the Gruza reservoir. Archives of Biological Sciences, 2002, 54, 75-78.	0.5	0
62	Mediterranean Region. , 2010, , 97-114.		0
63	Anibacterial, antibiofilm and antioxidant activity of Potamogeton nodosus Poir. extracts. Kragujevac Journal of Science, 2014, , 137-144.	0.4	0
64	Antimicrobial Activity of Various Hydantoin Derivatives . , 0, , .		0
65	In vitro evaluation of antimicrobial and antibiofilm activity of Oleum Hyperici: An original product from GoÄ•Mountain (Serbia). Kragujevac Journal of Science, 2019, , 97-106.	0.4	0
66	Antimicrobial Activity of Indian Meal Moth Silk, <i>Plodia interpunctella</i>. Current Science, 2020, 118, 1609.	0.8	0
67	Tolerance of autochthonous lactic acid bacteria to different processing conditions in vitro. Food and Feed Research, 2020, 47, 119-129.	0.5	0
68	Broth depending production of extracellular enzymes by enterobacteria isolated from dairy food (Serbian cheese). Kragujevac Journal of Science, 2020, , 123-134.	0.4	0
69	The ability to use sugars and sugar substitutes as prebiotics by Serbian autochthonous lactic acid bacteria. Kragujevac Journal of Science, 2020, , 113-122.	0.4	0