

# LjubiÅ¡a B NikoliÄ

## List of Publications by Year in descending order

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71  
papers

1,163  
citations

361045

20  
h-index

454577

30  
g-index

73  
all docs

73  
docs citations

73  
times ranked

1766  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant Activity and Total Phenolic and Flavonoid Contents of Hieracium pilosella L. Extracts. Sensors, 2009, 9, 5702-5714.	2.1	104
2	Antioxidant and biological activity of chamomile extracts obtained by different techniques: perspective of using superheated water for isolation of biologically active compounds. Industrial Crops and Products, 2015, 65, 582-591.	2.5	89
3	Novel Microwave-Assisted Synthesis of Poly(D,L-lactide): The Influence of Monomer/Initiator Molar Ratio on the Product Properties. Sensors, 2010, 10, 5063-5073.	2.1	60
4	Phenol composition, DPPH radical scavenging and antimicrobial activity of cornelian cherry (Cornus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	48
5	Investigation of properties and structural characterization of the quercetin inclusion complex with (2-hydroxypropyl)- $\beta$ -cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 82, 383-394.	0.9	46
6	Optimization of technological procedure for amygdalin isolation from plum seeds (Pruni domesticae) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	33
7	Enhancemnet of solubility and photostability of rutin by complexation with $\beta$ -cyclodextrin and (2-hydroxypropyl)- $\beta$ -cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 86, 33-43.	0.9	33
8	Synthesis and properties biobased waterborne polyurethanes from glycolysis product of PET waste and poly(caprolactone) diol. Progress in Organic Coatings, 2017, 105, 111-122.	1.9	29
9	The effect of hydrodistillation techniques on yield, kinetics, composition and antimicrobial activity of essential oils from flowers of Lavandula officinalis L.. Hemijska Industrija, 2011, 65, 455-463.	0.3	28
10	Inclusion complexes of sulfanilamide with $\beta$ -cyclodextrin and 2-hydroxypropyl- $\beta$ -cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 80, 113-124.	0.9	27
11	Study of the solubility, photostability and structure of inclusion complexes of carvedilol with $\beta$ -cyclodextrin and (2-hydroxypropyl)- $\beta$ -cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 86, 7-17.	0.9	27
12	Thermal degradation, antioxidant and antimicrobial activity of the synthesized allicin and allicin incorporated in gel. Hemijska Industrija, 2010, 64, 85-91.	0.3	26
13	The structure characterization of thermosensitive poly( <i>N</i> -isopropylacrylamide- <i>co</i> - <i>l</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 25	1.6	25
14	Sulfanilamide in solution and liposome vesicles; in vitro release and UV-stability studies. Saudi Pharmaceutical Journal, 2017, 25, 1194-1200.	1.2	25
15	Development and validation of a new RP-HPLC method for determination of quercetin in green tea. Journal of Analytical Chemistry, 2013, 68, 906-911.	0.4	24
16	Influence of monomer and crosslinker molar ratio on the swelling behaviour of thermosensitive hydrogels. Chemical Industry and Chemical Engineering Quarterly, 2012, 18, 1-9.	0.4	23
17	Transformation of Synthetic Allicin: The Influence of Ultrasound, Microwaves, Different Solvents and Temperatures, and the Products Isolation. Scientific World Journal, The, 2012, 2012, 1-7.	0.8	23
18	Anti-oxidative and antimicrobial activities of Hieracium pilosella L. extracts. Journal of the Serbian Chemical Society, 2008, 73, 531-540.	0.4	22

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19	The Properties of Poly(L-Lactide) Prepared by Different Synthesis Procedure. Journal of Polymers and the Environment, 2011, 19, 419-430.	2.4	21
20	Inclusion complexes with cyclodextrin and usnic acid. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 76, 173-182.	1.6	21
21	Inclusion complexes of amlodipine besylate and cyclodextrins. Open Chemistry, 2010, 8, 834-841.	1.0	20
22	The removal of heavy metal ions from aqueous solutions by hydrogels based on N-isopropylacrylamide and acrylic acid. Polymer Bulletin, 2018, 75, 4797-4821.	1.7	20
23	A molecular inclusion complex of atenolol with 2-hydroxypropyl- $\beta$ -cyclodextrin: The production and characterization thereof. Journal of the Serbian Chemical Society, 2007, 72, 737-746.	0.4	19
24	Potential application of thermo-sensitive hydrogels for controlled release of phenacetin. Hemijska Industrija, 2012, 66, 831-839.	0.3	18
25	Synthesis and characterization of thermosensitive hydrogels and the investigation of modified release of ibuprofen. Hemijska Industrija, 2013, 67, 901-912.	0.3	18
26	Methyl methacrylate and acrylamide crosslinked macroporous copolymers. Journal of Applied Polymer Science, 2004, 91, 387-395.	1.3	16
27	Photostability of piroxicam in the inclusion complex with 2-hydroxypropyl- $\beta$ -cyclodextrin. Hemijska Industrija, 2014, 68, 107-116.	0.3	16
28	Development and validation of an RP-HPLC method for quantification of trans-resveratrol in the plant extracts. Hemijska Industrija, 2015, 69, 679-687.	0.3	15
29	Cytotoxic and Antimicrobial Activities of <i>Cantharellus cibarius</i> Fr. (Cantarellaceae). Journal of Medicinal Food, 2017, 20, 790-796.	0.8	14
30	Thermosensitive hydrogels for modified release of ellagic acid obtained from <i>Alchemilla vulgaris</i> L. extract. International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 553-563.	1.8	14
31	Optimization of total flavonoid compound extraction from <i>Camellia sinensis</i> using the artificial neural network and response surface methodology. Hemijska Industrija, 2013, 67, 249-259.	0.3	14
32	Paclitaxel as an anticancer agent: isolation, activity, synthesis and stability. Open Medicine (Poland), 2011, 6, 527-536.	0.6	13
33	Chemical Analysis of Selected Seaweeds and Seagrass from the Adriatic Coast of Montenegro. Chemistry and Biodiversity, 2019, 16, e1900327.	1.0	13
34	The evaluation of temperature and pH influences on equilibrium swelling of poly(n-isopropylacrylamide-co-acrylic acid) hydrogels. Hemijska Industrija, 2017, 71, 395-405.	0.3	13
35	Treatment of Venous Ulcers with the Herbal-Based Ointment <i>Herbadermal</i> ®: A Prospective Non-Randomized Pilot Study. Research in Complementary Medicine, 2012, 19, 26-30.	2.2	12
36	Characterization of in situ prepared nanocomposites of PS and TiO <sub>2</sub> nanoparticles surface modified with alkyl gallates: Effect of alkyl chain length. Polymer Composites, 2013, 34, 399-407.	2.3	12

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37	Biological evaluation of synthesized allicin and its transformation products obtained by microwaves in methanol: antioxidant activity and effect on cell growth. <i>Biotechnology and Biotechnological Equipment</i> , 2015, 29, 189-194.	0.5	12
38	The improved photostability of naproxen in the inclusion complex with 2-hydroxypropyl- $\beta$ -cyclodextrin. <i>Hemijska Industrija</i> , 2015, 69, 361-370.	0.3	12
39	Testing of residual monomer content reduction possibility on acrylic resins quality. <i>Hemijska Industrija</i> , 2011, 65, 171-177.	0.3	11
40	The identification and quantification of bioactive compounds from the aqueous extract of comfrey root by UHPLC-DAD-HESI-MS method and its microbial activity. <i>Hemijska Industrija</i> , 2015, 69, 1-8.	0.3	11
41	The protection of Nifedipin from photodegradation due to complex formation with $\beta$ -cyclodextrin. <i>Open Chemistry</i> , 2010, 8, 744-749.	1.0	10
42	Antioxidant activity of <i>Galium mollugo</i> L. extracts obtained by different recovery techniques. <i>Hemijska Industrija</i> , 2013, 67, 89-94.	0.3	10
43	Dispersive solid-phase extraction clean up combined with Soxhlet extraction for the determination of 16 PAHs in soil samples by GC-MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 112-123.	1.8	10
44	In vitro examination of oral tissue conditioners potential toxicity. <i>Hemijska Industrija</i> , 2011, 65, 697-706.	0.3	10
45	Chemical Composition, Antimicrobial and Antioxidant Activity of Birch ( <i>Betula pendula</i> ) Tj ETQq1 1 0,784314 0,7 BT /Ov	0.7	9
46	Intelligent Poly(N-Isopropylmethacrylamide) Hydrogels: Synthesis, Structure Characterization, Stimuli-Responsive Swelling Properties, and Their Radiation Decomposition. <i>Polymers</i> , 2020, 12, 1112.	2.0	7
47	Determination of residual monomer content in dental acrylic polymers and effect after tissues implantation. <i>Biotechnology and Biotechnological Equipment</i> , 2020, 34, 254-263.	0.5	6
48	The canal inclusion complex of allicin with carbamide: Preparation, characterization and microbiological investigation. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2005, 11, 69-73.	0.4	6
49	Effects of water boiling, microwave, and water bath post-polymerization on mechanical properties of acrylic denture resins. <i>Hemijska Industrija</i> , 2018, 72, 129-137.	0.3	6
50	Artificial saliva effect on toxic substances release from acrylic resins. <i>Vojnosanitetski Pregled</i> , 2015, 72, 899-905.	0.1	6
51	The effect of the operation conditions and the extraction techniques on the yield, kinetics and composition of methanol extracts of <i>Hieracium pilosella</i> L.. <i>Hemijska Industrija</i> , 2009, 63, 79-86.	0.3	5
52	Antimicrobial activity of the lozenge with garlic bulb powder. <i>Hemijska Industrija</i> , 2011, 65, 607-610.	0.3	5
53	Characterization and Release Kinetics of Allylthiosulfinate and its Transformants from Poly(d,l-Lactide) Microspheres. <i>Journal of Polymers and the Environment</i> , 2012, 20, 80-87.	2.4	4
54	The influence of the operation conditions and the extraction techniques on the yield, kinetics and the composition of ethanol extracts of <i>Hieracium pilosella</i> L.. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2007, 13, 199-204.	0.4	4

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55	Antimicrobial properties of acrylic resins for dentures impregnated with silver nanoparticles. <i>Acta Stomatologica Naissi</i> , 2017, 33, 1696-1702.	0.2	4
56	The influence of montmorillonite modification on the properties of composite material based on poly(methacrylic acid). <i>Journal of Composite Materials</i> , 2012, 46, 921-928.	1.2	3
57	Effect of various initiators on molar mass determination of hydrolyzed potato starch-acrylamide graft copolymers. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2013, 19, 493-503.	0.4	3
58	Contemporary dental materials. <i>Advanced Technologies</i> , 2019, 8, 78-85.	0.2	3
59	Broad-spectrum of antimicrobial properties of commercial wines from different <i>Vitis vinifera</i> L. varieties. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 18.	1.7	2
60	Synthetic Hydrogels and Their Impact on Health and Environment. <i>Polymers and Polymeric Composites</i> , 2018, , 1-29.	0.6	2
61	Gas hold-up in a three-phase reciprocating plate column. <i>Journal of the Serbian Chemical Society</i> , 2005, 70, 1363-1371.	0.4	2
62	Synthetic Hydrogels and Their Impact on Health and Environment. <i>Polymers and Polymeric Composites</i> , 2019, , 1363-1391.	0.6	1
63	Axial dispersion of the liquid phase on a three-phase Karr reciprocating plate column. <i>Journal of the Serbian Chemical Society</i> , 2004, 69, 581-599.	0.4	1
64	Smart Hydrogels for Pharmaceutical Applications. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2017, , 278-310.	0.3	1
65	The investigation of primary physicochemical and pharmaco-biological properties of polynuclear iron(III) complexes with dextran and its derivatives. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2005, 11, 30-35.	0.4	0
66	The influence of monomer molar ratio on the properties of copolymers based on methyl methacrylate and methacrylic acid. <i>Hemijska Industrija</i> , 2009, 63, 611-619.	0.3	0
67	The influence of sodium-polyacrylic macromolecular chain length to the powder detergents secondary washing performances. <i>Hemijska Industrija</i> , 2013, 67, 35-40.	0.3	0
68	Physicochemical and geochemical characterization of geothermal waters sedimentation tendency at Sijarinska spa and Vranjska spa (Serbia). <i>Hemijska Industrija</i> , 2014, 68, 63-67.	0.3	0
69	Smart Hydrogels for Pharmaceutical Applications. , 2017, , 1133-1164.		0
70	A release of potentially toxic components from the acrylic resins for soft relining dentures. <i>Acta Stomatologica Naissi</i> , 2019, 35, 1927-1935.	0.2	0
71	<i>Sambucus racemosa</i> L. fruit extracts obtained with conventional and deep eutectic solvents. <i>Facta Universitatis - Series Physics Chemistry and Technology</i> , 2020, 18, 89-97.	0.2	0