

LjubiÅ¡a B NikoliÄ

List of Publications by Year in descending order

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71
papers

1,163
citations

361296

20
h-index

454834

30
g-index

73
all docs

73
docs citations

73
times ranked

1766
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	<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
4	Chemical Analysis of Selected Seaweeds and Seagrass from the Adriatic Coast of Montenegro. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900327.	1.0	13
5	Chemical Composition, Antimicrobial and Antioxidant Activity of Birch (<i>Betula pendula</i>) Tj ETQq1 1 0,784314 ggBT /Ov	0.7	9
6	Synthetic Hydrogels and Their Impact on Health and Environment. <i>Polymers and Polymeric Composites</i> , 2019, , 1363-1391.	0.6	1
7	Contemporary dental materials. <i>Advanced Technologies</i> , 2019, 8, 78-85.	0.2	3
8	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
9	The removal of heavy metal ions from aqueous solutions by hydrogels based on N-isopropylacrylamide and acrylic acid. <i>Polymer Bulletin</i> , 2018, 75, 4797-4821.	1.7	20
10	Thermosensitive hydrogels for modified release of ellagic acid obtained from <i>Alchemilla vulgaris</i> L. extract. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 553-563.	1.8	14
11	Synthetic Hydrogels and Their Impact on Health and Environment. <i>Polymers and Polymeric Composites</i> , 2018, , 1-29.	0.6	2
12	Effects of water boiling, microwave, and water bath post-polymerization on mechanical properties of acrylic denture resins. <i>Hemijaska Industrija</i> , 2018, 72, 129-137.	0.3	6
13	Synthesis and properties biobased waterborne polyurethanes from glycolysis product of PET waste and poly(caprolactone) diol. <i>Progress in Organic Coatings</i> , 2017, 105, 111-122.	1.9	29
14	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
15	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
16	Cytotoxic and Antimicrobial Activities of <i>Cantharellus cibarius</i> Fr. (Cantarellaceae). <i>Journal of Medicinal Food</i> , 2017, 20, 790-796.	0.8	14
17	Sulfanilamide in solution and liposome vesicles; in vitro release and UV-stability studies. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 1194-1200.	1.2	25
18	The evaluation of temperature and pH influences on equilibrium swelling of poly(n-isopropylacrylamide-co-acrylic acid) hydrogels. <i>Hemijaska Industrija</i> , 2017, 71, 395-405.	0.3	13

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19	Smart Hydrogels for Pharmaceutical Applications. Advances in Medical Technologies and Clinical Practice Book Series, 2017, , 278-310.	0.3	1
20	Antimicrobial properties of acrylic resins for dentures impregnated with silver nanoparticles. Acta Stomatologica Naissi, 2017, 33, 1696-1702.	0.2	4
21	Smart Hydrogels for Pharmaceutical Applications. , 2017, , 1133-1164.		0
22	Study of the solubility, photostability and structure of inclusion complexes of carvedilol with β -cyclodextrin and (2-hydroxypropyl)- β -cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 86, 7-17.	0.9	27
23	Enhancement of solubility and photostability of rutin by complexation with β -cyclodextrin and (2-hydroxypropyl)- β -cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 86, 33-43.	0.9	33
24	Optimization of technological procedure for amygdalin isolation from plum seeds (<i>Pruni domesticae</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	33
25	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
26	Biological evaluation of synthesized allicin and its transformation products obtained by microwaves in methanol: antioxidant activity and effect on cell growth. Biotechnology and Biotechnological Equipment, 2015, 29, 189-194.	0.5	12
27	Investigation of properties and structural characterization of the quercetin inclusion complex with (2-hydroxypropyl)- β -cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 82, 383-394.	0.9	46
28	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
29	The improved photostability of naproxen in the inclusion complex with 2-hydroxypropyl- β -cyclodextrin. Hemijska Industrija, 2015, 69, 361-370.	0.3	12
30	The identification and quantification of bioactive compounds from the aqueous extract of comfrey root by UHPLC-DAD-HESI-MS method and its microbial activity. Hemijska Industrija, 2015, 69, 1-8.	0.3	11
31	Phenol composition, DPPH radical scavenging and antimicrobial activity of cornelian cherry (<i>Cornus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.3	48
32	Artificial saliva effect on toxic substances release from acrylic resins. Vojnosanitetski Pregled, 2015, 72, 899-905.	0.1	6
33	The structure characterization of thermosensitive poly(<i>N</i> -isopropylacrylamide- <i>co</i> - <i>i</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.6	25
34	Inclusion complexes of sulfanilamide with β -cyclodextrin and 2-hydroxypropyl- β -cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 80, 113-124.	0.9	27
35	Photostability of piroxicam in the inclusion complex with 2-hydroxypropyl- β -cyclodextrin. Hemijska Industrija, 2014, 68, 107-116.	0.3	16
36	Physicochemical and geochemical characterization of geothermal waters sedimentation tendency at Sijarinska spa and Vranjska spa (Serbia). Hemijska Industrija, 2014, 68, 63-67.	0.3	0

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37	Development and validation of a new RP-HPLC method for determination of quercetin in green tea. <i>Journal of Analytical Chemistry</i> , 2013, 68, 906-911.	0.4	24
38	Inclusion complexes with cyclodextrin and usnic acid. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 76, 173-182.	1.6	21
39	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
40	Characterization of in situ prepared nanocomposites of PS and TiO ₂ nanoparticles surface modified with alkyl gallates: Effect of alkyl chain length. <i>Polymer Composites</i> , 2013, 34, 399-407.	2.3	12
41	Antioxidant activity of <i>Galium mollugo</i> L. extracts obtained by different recovery techniques. <i>Hemijaska Industrija</i> , 2013, 67, 89-94.	0.3	10
42	Optimization of total flavonoid compound extraction from <i>camellia sinesis</i> using the artificial neural network and response surface methodology. <i>Hemijaska Industrija</i> , 2013, 67, 249-259.	0.3	14
43	Synthesis and characterization of thermosensitive hydrogels and the investigation of modified release of ibuprofen. <i>Hemijaska Industrija</i> , 2013, 67, 901-912.	0.3	18
44	The influence of sodium-polyacrylic macromolecular chain length to the powder detergents secondary washing performances. <i>Hemijaska Industrija</i> , 2013, 67, 35-40.	0.3	0
45	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
46	Influence of monomer and crosslinker molar ratio on the swelling behaviour of thermosensitive hydrogels. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2012, 18, 1-9.	0.4	23
47	Treatment of Venous Ulcers with the Herbal-Based Ointment <i>Herbadermal</i> ®: A Prospective Non-Randomized Pilot Study. <i>Research in Complementary Medicine</i> , 2012, 19, 26-30.	2.2	12
48	Transformation of Synthetic Allicin: The Influence of Ultrasound, Microwaves, Different Solvents and Temperatures, and the Products Isolation. <i>Scientific World Journal</i> , The, 2012, 2012, 1-7.	0.8	23
49	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
50	Potential application of thermo-sensitive hydrogels for controlled release of phenacetin. <i>Hemijaska Industrija</i> , 2012, 66, 831-839.	0.3	18
51	Paclitaxel as an anticancer agent: isolation, activity, synthesis and stability. <i>Open Medicine (Poland)</i> , 2011, 6, 527-536.	0.6	13
52	The Properties of Poly(L-Lactide) Prepared by Different Synthesis Procedure. <i>Journal of Polymers and the Environment</i> , 2011, 19, 419-430.	2.4	21
53	Testing of residual monomer content reduction possibility on acrylic resins quality. <i>Hemijaska Industrija</i> , 2011, 65, 171-177.	0.3	11
54	The effect of hydrodistillation techniques on yield, kinetics, composition and antimicrobial activity of essential oils from flowers of <i>Lavandula officinalis</i> L.. <i>Hemijaska Industrija</i> , 2011, 65, 455-463.	0.3	28

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55	Antimicrobial activity of the lozenge with garlic bulb powder. <i>Hemijska Industrija</i> , 2011, 65, 607-610.	0.3	5
56	In vitro examination of oral tissue conditioners potential toxicity. <i>Hemijska Industrija</i> , 2011, 65, 697-706.	0.3	10
57	The protection of Nifedipin from photodegradation due to complex formation with β -cyclodextrin. <i>Open Chemistry</i> , 2010, 8, 744-749.	1.0	10
58	Inclusion complexes of amlodipine besylate and cyclodextrins. <i>Open Chemistry</i> , 2010, 8, 834-841.	1.0	20
59	Novel Microwave-Assisted Synthesis of Poly(D,L-lactide): The Influence of Monomer/Initiator Molar Ratio on the Product Properties. <i>Sensors</i> , 2010, 10, 5063-5073.	2.1	60
60	Thermal degradation, antioxidant and antimicrobial activity of the synthesized allicin and allicin incorporated in gel. <i>Hemijska Industrija</i> , 2010, 64, 85-91.	0.3	26
61	Antioxidant Activity and Total Phenolic and Flavonoid Contents of <i>Hieracium pilosella</i> L. Extracts. <i>Sensors</i> , 2009, 9, 5702-5714.	2.1	104
62	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
63	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
64	Anti-oxidative and antimicrobial activities of <i>Hieracium pilosella</i> L. extracts. <i>Journal of the Serbian Chemical Society</i> , 2008, 73, 531-540.	0.4	22
65	A molecular inclusion complex of atenolol with 2-hydroxypropyl- β -cyclodextrin: The production and characterization thereof. <i>Journal of the Serbian Chemical Society</i> , 2007, 72, 737-746.	0.4	19
66	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
67	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
68	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
69	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
70	Methyl methacrylate and acrylamide crosslinked macroporous copolymers. <i>Journal of Applied Polymer Science</i> , 2004, 91, 387-395.	1.3	16
71	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