

Goran M Nikolic

List of Publications by Citations

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44
papers

633
citations

15
h-index

23
g-index

44
ext. papers

702
ext. citations

2.9
avg, IF

3.74
L-index

#	Paper	IF	Citations
44	Synthesis, physicochemical and spectroscopic characterization of copper(II)-polysaccharide pullulan complexes by UV-vis, ATR-FTIR, and EPR. <i>Carbohydrate Research</i> , 2011 , 346, 434-41	2.9	56
43	Synthesis, characterization and antimicrobial activity of dextran sulphate stabilized silver nanoparticles. <i>Journal of Molecular Structure</i> , 2016 , 1110, 156-161	3.4	51
42	SMILES-based QSAR model for arylpiperazines as high-affinity 5-HT(1A) receptor ligands using CORAL. <i>European Journal of Pharmaceutical Sciences</i> , 2013 , 48, 532-41	5.1	50
41	Application of SMILES Notation Based Optimal Descriptors in Drug Discovery and Design. <i>Current Topics in Medicinal Chemistry</i> , 2015 , 15, 1768-79	3	47
40	Instrumental methods and techniques for structural and physicochemical characterization of biomaterials and bone tissue: A review. <i>Materials Science and Engineering C</i> , 2017 , 79, 930-949	8.3	45
39	Antioxidant properties of selected 4-phenyl hydroxycoumarins: Integrated in vitro and computational studies. <i>Chemico-Biological Interactions</i> , 2014 , 214, 49-56	5	34
38	SMILES-based QSAR models for the calcium channel-antagonistic effect of 1,4-dihydropyridines. <i>Archiv Der Pharmazie</i> , 2013 , 346, 134-9	4.3	29
37	The investigations of bioactive copper(II) complexes with reduced low-molar dextran. <i>Spectroscopy</i> , 2008 , 22, 177-185		23
36	Fourier-Transform IR spectroscopic investigations of Cobalt(II) dextran complexes by using D2O isotopic exchange. <i>Spectroscopy</i> , 2010 , 24, 269-275		22
35	Monte carlo method-based QSAR modeling of penicillins binding to human serum proteins. <i>Archiv Der Pharmazie</i> , 2015 , 348, 62-7	4.3	21
34	Two 6-(propan-2-yl)-4-methyl-morpholine-2,5-diones as new non-purine xanthine oxidase inhibitors and anti-inflammatory agents. <i>Food and Chemical Toxicology</i> , 2013 , 55, 493-7	4.7	21
33	Selected 4-phenyl hydroxycoumarins: in vitro cytotoxicity, teratogenic effect on zebrafish (<i>Danio rerio</i>) embryos and molecular docking study. <i>Chemico-Biological Interactions</i> , 2015 , 231, 10-7	5	19
32	The structure characterization of thermosensitive poly(N-isopropylacrylamide-co-2-hydroxypropyl methacrylate) hydrogel. <i>Polymer International</i> , 2014 , 63, 973-981	3.3	17
31	Monte Carlo method based QSAR modeling of maleimide derivatives as glycogen synthase kinase-3 inhibitors. <i>Computers in Biology and Medicine</i> , 2015 , 64, 276-82	7	16
30	In silico prediction of the Cyclodextrin complexation based on Monte Carlo method. <i>International Journal of Pharmaceutics</i> , 2015 , 495, 404-409	6.5	15
29	Synthesis, spectroscopic and structural characterization of Co(II)-pullulan complexes by UV-Vis, ATR-FTIR, MALDI-TOF/TOF MS and XRD. <i>Carbohydrate Polymers</i> , 2018 , 200, 25-34	10.3	13
28	Potential application of thermo-sensitive hydrogels for controlled release of phenacetin. <i>Hemijaska Industrija</i> , 2012 , 66, 831-839	0.6	13

27	Synthesis and characterization of thermosensitive hydrogels and the investigation of modified release of ibuprofen. <i>Hemijaska Industrija</i> , 2013 , 67, 901-912	0.6	13
26	Design and optimization of drugs used to treat copper deficiency. <i>Expert Opinion on Drug Discovery</i> , 2013 , 8, 1253-63	6.2	11
25	Monte Carlo Method Based QSAR Modeling of Coumarin Derivates as Potent HIV-1 Integrase Inhibitors and Molecular Docking Studies of Selected 4-phenyl Hydroxycoumarins. <i>Acta Facultatis Medicae Naissensis</i> , 2014 , 31, 95-103	0.2	11
24	Antibacterial potential of selected 4-phenyl hydroxycoumarins: integrated in vitro and molecular docking studies. <i>Medicinal Chemistry Research</i> , 2015 , 24, 1626-1634	2.2	10
23	Molecular mechanisms of beneficial effects of lipoic acid in copper intoxicated rats assessment by FTIR and ESI-MS. <i>Polyhedron</i> , 2014 , 80, 223-227	2.7	9
22	Spectrophotometric Study of Catechol Oxidation by Aerial O ₂ in Alkaline Aqueous Solutions Containing Mg(II) Ions.. <i>Spectroscopy Letters</i> , 1998 , 31, 327-333	1.1	8
21	Potentiometric stripping analysis of lead and cadmium leaching from dental prosthetic materials and teeth. <i>Journal of the Serbian Chemical Society</i> , 2004 , 69, 575-580	0.9	8
20	QSPR models for estimating retention in HPLC with the p solute polarity parameter based on the Monte Carlo method. <i>Structural Chemistry</i> , 2016 , 27, 821-828	1.8	7
19	Circulating nucleic acids as possible damage-associated molecular patterns in different stages of renal failure. <i>Renal Failure</i> , 2010 , 32, 486-92	2.9	7
18	Sodium nitroprusside and peroxyxynitrite effect on hepatic DNases: an in vitro and in vivo study. <i>Comparative Hepatology</i> , 2004 , 3, 6		7
17	The Influence of Mg(II) and Ca(II) Ions on Rutin Autoxidation in Weakly Alkaline Aqueous Solutions. <i>Acta Facultatis Medicae Naissensis</i> , 2016 , 33, 163-171	0.2	7
16	The study of the influence of Mg(II) and Ca(II) ions on caffeic acid autoxidation in weakly alkaline aqueous solution using MCR-ALS analysis of spectrophotometric data. <i>New Journal of Chemistry</i> , 2018 , 42, 6256-6263	3.6	5
15	Spectroscopic characterization of bone tissue of experimental animals after glucocorticoid treatment and recovery period. <i>Journal of Molecular Structure</i> , 2014 , 1074, 315-320	3.4	5
14	Salting-out extraction of catechol and hydroquinone from aqueous solutions and urine samples. <i>Facta Universitatis - Series Physics Chemistry and Technology</i> , 2003 , 2, 293-299	0	5
13	Spectroscopic Characterization of Cobalt (II) Complexes with Reduced Low-Molar Dextran Derivatives. <i>Acta Facultatis Medicae Naissensis</i> , 2018 , 35, 37-48	0.2	4
12	Application of multivariate curve resolution-alternating least squares (MCR-ALS) for resolving pyrogallol autoxidation in weakly alkaline aqueous solutions. <i>Open Chemistry</i> , 2012 , 10, 1942-1948	1.6	4
11	Circulating ribonucleic acids and metabolic stress parameters may reflect progression of autoimmune or inflammatory conditions in juvenile type 1 diabetes. <i>Scientific World Journal, The</i> , 2011 , 11, 1496-508	2.2	4
10	Spectroscopic characterization of bioactive Cu(II) complexes with polysaccharides by modern FTIR microspectroscopy. <i>Hemijaska Industrija</i> , 2010 , 64, 9-20	0.6	4

9	Phthalates leaching from plastic food and pharmaceutical contact materials by FTIR and GC-MS. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 31380-31390	5.1	4
8	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	4.5	2
7	Influence of Zn(II) Ion on the Autoxidation of Pyrogallol and Gallic Acid in Weakly Acidic Aqueous Solutions / Uticaj Zn(II) jona na autooksidaciju pirogalola i galne kiseline u slabo kiselim vodenim rastvorima. <i>Acta Facultatis Medicae Naissensis</i> , 2015 , 32, 127-135	0.2	2
6	Investigation of the parametar influences of UV/H ₂ O ₂ process on humic acid degradation. <i>Hemijska Industrija</i> , 2010 , 64, 265-273	0.6	2
5	Development of novel antipsychotic agents by inhibiting dopamine transporter In silico approach. <i>New Journal of Chemistry</i> , 2022 , 46, 2687-2696	3.6	1
4	In vitro dissolution profile study of mucolytic drug ambroxol hydrochloride from solid oral dosage form by UHPLC-MS/MS. <i>Hemijska Industrija</i> , 2017 , 71, 75-83	0.6	1
3	The influence of Mg(II) and Ca(II) ions on the autoxidation of 4-methylcatechol in weakly alkaline aqueous solutions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 1	1.6	0
2	Development of a new ultra-high performance liquid chromatography - tandem mass spectrometry method for determination of ambroxol hydrochloride in serum with pharmacokinetic application. <i>Hemijska Industrija</i> , 2016 , 70, 409-418	0.6	0
1	Nano-biocomplexes based on oligosaccharides and their derivates. <i>Advanced Technologies</i> , 2019 , 8, 16-25.5		