

SiniÅja RaduloviÄ

List of Publications by Year in descending order

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60
papers

2,183
citations

304743

22
h-index

233421

45
g-index

61
all docs

61
docs citations

61
times ranked

2966
citing authors

#	ARTICLE	IF	CITATIONS
1	Antitumor activity of organoruthenium complexes with chelate aromatic ligands, derived from 1,10-phenantroline: Synthesis and biological activity. <i>Journal of Inorganic Biochemistry</i> , 2020, 202, 110869.	3.5	18
2	Avelumab Maintenance Therapy for Advanced or Metastatic Urothelial Carcinoma. <i>New England Journal of Medicine</i> , 2020, 383, 1218-1230.	27.0	802
3	Synthesis, chemical characterization, PARP inhibition, DNA binding and cellular uptake of novel ruthenium(II)-arene complexes bearing benzamide derivatives in human breast cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111155.	3.5	14
4	Synthesis and evaluation of anticancer activity of new 9-acridinyl amino acid derivatives. <i>RSC Medicinal Chemistry</i> , 2020, 11, 378-386.	3.9	12
5	Telmisartan induces melanoma cell apoptosis and synergizes with vemurafenib <i>in vitro</i> by altering cell bioenergetics. <i>Cancer Biology and Medicine</i> , 2019, 16, 247.	3.0	21
6	Mono- and binuclear Ru(II) arene complexes with (fluoro substituted) picolinic acid: Synthesis, characterization and cytotoxicity. <i>Journal of Organometallic Chemistry</i> , 2019, 902, 120966.	1.8	7
7	Synthesis, characterization and cytotoxic activity of organoruthenium(II)-halido complexes with 5-chloro-1 <i>H</i> -benzimidazole-2-carboxylic acid. <i>Journal of Coordination Chemistry</i> , 2019, 72, 908-919.	2.2	4
8	New organoruthenium compounds with pyrido[2,3- <i>b</i>]pyrazino[2,3- <i>f</i>][1, 10]phenanthroline: synthesis, characterization, cytotoxicity, and investigation of mechanism of action. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 297-310.	2.6	11
9	Ruthenium ^{II} -arene complexes with NSAIDs: synthesis, characterization and bioactivity. <i>New Journal of Chemistry</i> , 2018, 42, 3001-3019.	2.8	25
10	Complex formation reactions of gallium(III) and iron(III/II) with l-proline-thiosemicarbazone hybrids: A comparative study. <i>Inorganica Chimica Acta</i> , 2017, 455, 505-513.	2.4	7
11	Ruthenium(II) bipyridine complexes: from synthesis and crystal structures to electrochemical and cytotoxicity investigation. <i>Journal of Coordination Chemistry</i> , 2017, 70, 831-847.	2.2	19
12	Chemical composition, antiproliferative and antioxidant activity of differently processed <i>Ganoderma lucidum</i> ethanol extracts. <i>Journal of Food Science and Technology</i> , 2017, 54, 1312-1320.	2.8	52
13	Cytotoxic activity of <i>Nepeta rtanjensis</i> Diklić & Milojević essential oil and its mode of action. <i>Industrial Crops and Products</i> , 2017, 100, 163-170.	5.2	31
14	Effects of Terminal Substitution and Iron Coordination on Antiproliferative Activity of l-Proline-salicylaldehyde-Thiosemicarbazone Hybrids. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4773-4783.	2.0	6
15	New 4-(4-chlorophenyl)-2,2,6,6-tetrapyridine ruthenium(II) complexes: Synthesis, characterization, interaction with DNA/BSA and cytotoxicity studies. <i>Journal of Inorganic Biochemistry</i> , 2017, 169, 1-12.	3.5	77
16	(Chalcogen)semicarbazones and their cobalt complexes differentiate HL-60 myeloid leukaemia cells and are cytotoxic towards tumor cell lines. <i>MedChemComm</i> , 2017, 8, 103-111.	3.4	15
17	Cell cycle, apoptosis, cellular uptake and whole-transcriptome microarray gene expression analysis of HeLa cells treated with a ruthenium(II)-arene complex with an isoquinoline-3-carboxylic acid ligand. <i>Journal of Inorganic Biochemistry</i> , 2016, 163, 362-373.	3.5	18
18	Ruthenium Carbonyl Complexes with Azole Heterocycles – Synthesis, X-ray Diffraction Structures, DFT Calculations, Solution Behavior, and Antiproliferative Activity. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1566-1576.	2.0	7

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19	Synthesis, characterisation and cytotoxic activity of organoruthenium(II)-halido complexes with 1H-benzimidazole-2-carboxylic acid. <i>Journal of Organometallic Chemistry</i> , 2016, 819, 61-68.	1.8	18
20	Investigation of antitumor potential of Ni(II) complexes with tridentate PNO acylhydrazones of 2-(diphenylphosphino)benzaldehyde and monodentate pseudohalides. <i>Journal of Biological Inorganic Chemistry</i> , 2016, 21, 145-162.	2.6	17
21	Synthesis, characterization and biological evaluation of novel Ru(II) π -arene complexes containing intercalating ligands. <i>Journal of Inorganic Biochemistry</i> , 2016, 160, 156-165.	3.5	39
22	Heteropentanuclear Oxalato-bridged μ_4 ($n=4, 5$) Metal Complexes with NO Ligand: Synthesis, Crystal Structures, Aqueous Stability and Antiproliferative Activity. <i>Chemistry - A European Journal</i> , 2015, 21, 13703-13713.	3.3	13
23	Strong <i>in Vitro</i> Cytotoxic Potential of New Ruthenium π -Cymene Complexes. <i>Organometallics</i> , 2015, 34, 3464-3473.	2.3	41
24	Osmium(III) Analogues of KP1019: Electrochemical and Chemical Synthesis, Spectroscopic Characterization, X-ray Crystallography, Hydrolytic Stability, and Antiproliferative Activity. <i>Inorganic Chemistry</i> , 2014, 53, 11130-11139.	4.0	23
25	Ruthenium(II) π -arene complexes with substituted picolinato ligands: Synthesis, structure, spectroscopic properties and antiproliferative activity. <i>Journal of Organometallic Chemistry</i> , 2014, 749, 343-349.	1.8	22
26	Synthesis, characterization, DFT calculation and biological activity of square-planar Ni(II) complexes with tridentate PNO ligands and monodentate pseudohalides. Part II. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 284-297.	5.5	19
27	Chemical composition, antimicrobial, and cytotoxic properties of five Lamiaceae essential oils. <i>Industrial Crops and Products</i> , 2014, 61, 225-232.	5.2	92
28	Synthesis, characterization and cytotoxic activity of novel platinum(II) iodido complexes. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 372-384.	5.5	32
29	Synthesis, characterization and <i>in vitro</i> antitumor activity of new palladium(II) complexes with (S,S)-R2edda-type esters. <i>Polyhedron</i> , 2014, 80, 106-111.	2.2	17
30	Synthesis, characterization and biological activity of three square-planar complexes of Ni(II) with ethyl (2E)-2-[2-(diphenylphosphino)benzylidene]hydrazinecarboxylate and monodentate pseudohalides. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 111-120.	5.5	29
31	Synthesis, characterisation and biological activity of Co(III) complex with the condensation product of 2-(diphenylphosphino)benzaldehyde and ethyl carbazate. <i>Inorganica Chimica Acta</i> , 2013, 395, 33-43.	2.4	29
32	New ruthenium(II)-arene complexes bearing hydrazides and the corresponding (thio)semicarbazones of 3- and 4-acetylpyridine: Synthesis, characterization, crystal structure determination and antiproliferative activity. <i>Polyhedron</i> , 2013, 61, 112-118.	2.2	15
33	Detection of DNA mutations based on analysis of multiple wavelength excitation/emission fluorescence kinetics curves in real-time PCR. <i>Medical Hypotheses</i> , 2013, 80, 376-379.	1.5	3
34	Antimicrobial, antioxidant and anti-inflammatory activity of young shoots of the smoke tree, <i>Cotinus coggygria</i> Scop. <i>Phytotherapy Research</i> , 2013, 27, 1658-1663.	5.8	36
35	Serbian high-risk families: extensive results on BRCA mutation spectra and frequency. <i>Journal of Human Genetics</i> , 2013, 58, 501-507.	2.3	10
36	The synthesis, spectroscopic, X-ray characterization and <i>in vitro</i> cytotoxic testing results of activity of five new trans-platinum(IV) complexes with functionalized pyridines. <i>European Journal of Medicinal Chemistry</i> , 2012, 55, 214-219.	5.5	16

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37	Cytotoxic activity of ethanol extracts of in vitro grown <i>Cistus creticus</i> subsp. <i>creticus</i> L. on human cancer cell lines. <i>Industrial Crops and Products</i> , 2012, 38, 153-159.	5.2	41
38	Picolinate ruthenium(II)-arene complex with in vitro antiproliferative and antimetastatic properties: Comparison to a series of ruthenium(II)-arene complexes with similar structure. <i>Journal of Inorganic Biochemistry</i> , 2012, 108, 53-61.	3.5	45
39	Non-substituted N-heteroaromatic selenosemicarbazone metal complexes induce apoptosis in cancer cells via activation of mitochondrial pathway. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3734-3747.	5.5	33
40	A comparative study of DNA binding and cell cycle phase perturbation by the dinuclear complex of Cd(II) with the condensation product of 2-acetylpyridine and malonic acid dihydrazide $\text{N}(\text{E})\text{-bis}[(1\text{-E})\text{-}(2\text{-pyridyl})\text{ethylidene}]\text{propanedihydrazide}$. <i>Journal of Biochemical and Molecular Toxicology</i> , 2011, 25, 175-182.	3.9	16
41	Synthesis, characterization, cytotoxic activity and DNA binding properties of the novel dinuclear cobalt(III) complex with the condensation product of 2-acetylpyridine and malonic acid dihydrazide. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1196-1203.	3.5	97
42	X-ray structure and cytotoxic activity of a picolinate ruthenium(II)-arene complex. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 53-61.	0.8	23
43	Novel BRCA1/2 mutations in Serbian breast and breast-ovarian cancer patients with hereditary predisposition. <i>Cancer Genetics and Cytogenetics</i> , 2010, 202, 27-32.	1.0	7
44	Synthesis, structure and characterization of novel Cd(II) and Zn(II) complexes with the condensation product of 2-formylpyridine and selenosemicarbazide. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 673-682.	3.5	54
45	Ruthenium(II)-arene complexes with functionalized pyridines: Synthesis, characterization and cytotoxic activity. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1051-1058.	5.5	74
46	Lipophilicity of some guaianolides isolated from two endemic subspecies of <i>Amphoricarpus neumayeri</i> (Asteraceae) from Montenegro. <i>Biomedical Chromatography</i> , 2009, 23, 250-256.	1.7	19
47	Synthesis and characterization of new Pt(II) and Pd(II) complexes with 2-quinolinecarboxaldehyde selenosemicarbazone: Cytotoxic activity evaluation of Cd(II), Zn(II), Ni(II), Pt(II) and Pd(II) complexes with heteroaromatic selenosemicarbazones. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1623-1629.	5.5	58
48	Synthesis, structure and cytotoxic activity evaluation of a dinuclear complex of Cd(II) with $\text{N}(\text{E})\text{-bis}[(1\text{-E})\text{-}(2\text{-pyridyl})\text{ethylidene}]\text{propanedihydrazide}$. <i>Inorganic Chemistry Communication</i> , 2008, 11, 47-50.	3.9	28
49	Synthesis and characterization of a novel Pd(II) complex with the condensation product of 2-(diphenylphosphino)benzaldehyde and ethyl hydrazinoacetate. Cytotoxic activity of the synthesized complex and related Pd(II) and Pt(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 1811-1818.	3.5	24
50	Evaluation of Cytotoxic Activity of d-Metal Complexes with Hydrazone Ligands. <i>Materials Science Forum</i> , 2006, 518, 513-518.	0.3	7
51	Identifying and testing for hereditary susceptibility to breast/ovarian cancer in Serbia: Where are we now?. <i>Archive of Oncology</i> , 2006, 14, 131-135.	0.2	0
52	Cancer gene therapy. <i>Archive of Oncology</i> , 2005, 13, 23-26.	0.2	2
53	BRCA1 and BRCA2 genes mutation analysis in patients with a family history of breast and ovarian cancer. <i>Journal of Medical Biochemistry</i> , 2004, 23, 271-277.	0.1	3
54	IL-2-mediated augmentation of NK-cell activity and activation antigen expression on NK- and T-cell subsets in patients with metastatic melanoma treated with interferon-alpha and DTIC. <i>Clinical and Experimental Metastasis</i> , 2003, 20, 647-655.	3.3	23

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55	Cancer pain in Yugoslavia: Still lot to be done. <i>Archive of Oncology</i> , 2002, 10, 245-248.	0.2	0
56	Molecular genetics of breast cancer: Possible clinical implication. <i>Archive of Oncology</i> , 2002, 10, 168-169.	0.2	0
57	Breast cancer susceptibility genes: Options for those carrying BRCA1 mutations. <i>Archive of Oncology</i> , 2002, 10, 119-122.	0.2	1
58	The importance of antibody dependent cell-mediated cytotoxicity (ADCC) for breast cancer response to trastuzumab - Herceptin. <i>Archive of Oncology</i> , 2002, 10, 162-163.	0.2	0
59	Tumour-Induced Hypercalcaemia, Resistant to Systemic Anti-Hypercalcaemic and Chemo-Endocrine Treatments, but Responding to Radiotherapy in a Breast Cancer Patient. <i>Acta OncolÄ³gica</i> , 1996, 35, 501-503.	1.8	1
60	Cardioprotection with ICRF-187 (Cardioxane) in patients with advanced breast cancer having cardiac risk factors for doxorubicin cardiotoxicity, treated with the FDC regimen. <i>Supportive Care in Cancer</i> , 1995, 3, 176-182.	2.2	10