

Zeljko Zizak

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,232
citations

331670

21
h-index

361022

35
g-index

39
all docs

39
docs citations

39
times ranked

1629
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of the cytotoxic activity of di and triphenyltin(IV) carboxylate complexes. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 2087-2096.	3.5	81
2	Biological activities of berries: From antioxidant capacity to anti-cancer effects. <i>BioFactors</i> , 2005, 23, 207-211.	5.4	80
3	A New Generation of Anticancer Drugs: Mesoporous Materials Modified with Titanocene Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 5588-5597.	3.3	79
4	Cytotoxic constituents of <i>Achillea clavennae</i> from Montenegro. <i>Phytochemistry</i> , 2006, 67, 887-893.	2.9	74
5	Antioxidative and cytotoxic activity of essential oils and extracts of <i>Satureja montana</i> L., <i>Coriandrum sativum</i> L. and <i>Ocimum basilicum</i> L. obtained by supercritical fluid extraction. <i>Journal of Supercritical Fluids</i> , 2017, 128, 128-137.	3.2	74
6	Biological potential of extracts of the wild edible Basidiomycete mushroom <i>Grifola frondosa</i> . <i>Food Research International</i> , 2015, 67, 272-283.	6.2	68
7	Study of the influence of the metal complex on the cytotoxic activity of titanocene-functionalized mesoporous materials. <i>Journal of Materials Chemistry</i> , 2010, 20, 806-814.	6.7	62
8	Cytotoxic studies of substituted titanocene and ansa-titanocene anticancer drugs. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1558-1570.	3.5	59
9	Synthesis of some steroidal oximes, lactams, thiolactams and their antitumor activities. <i>Steroids</i> , 2007, 72, 406-414.	1.8	57
10	Nutraceutical properties of the methanolic extract of edible mushroom <i>Cantharellus cibarius</i> (Fries): primary mechanisms. <i>Food and Function</i> , 2015, 6, 1875-1886.	4.6	53
11	Improvement of cytotoxicity of titanocene-functionalized mesoporous materials by the increase of the titanium content. <i>Dalton Transactions</i> , 2010, 39, 2597.	3.3	47
12	Antiproliferative action of water extracts of seeds or pulp of five different raspberry cultivars. <i>Food Chemistry</i> , 2005, 93, 39-45.	8.2	46
13	Study of the cytotoxic activity of alkenyl-substituted ansa-titanocene complexes. <i>Inorganic Chemistry Communication</i> , 2007, 10, 748-752.	3.9	42
14	Synthesis and in vitro antitumoral activity of novel O,N-di-2-alkyl-(S,S)-ethylenediamine-N,N'-di-2-propanoate ligands and corresponding platinum(II/IV) complexes. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 892-900.	3.5	39
15	Antimalarial and antiproliferative evaluation of Bis-Steroidal tetraoxanes. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 2761-2768.	3.0	38
16	In vitro antitumor actions of extracts from endemic plant <i>Helichrysum zivojinii</i> . <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 36.	3.7	36
17	Titanium(IV) carboxylate complexes: Synthesis, structural characterization and cytotoxic activity. <i>Polyhedron</i> , 2010, 29, 354-360.	2.2	31
18	Palladium(II) complexes with R ₂ edda-derived ligands. Part II. Synthesis, characterization and in vitro antitumoral studies of R ₂ eddip esters and palladium(II) complexes. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3452-3458.	5.5	24

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19	Anticancer drugs based on alkenyl and boryl substituted titanocene complexes. Journal of Organometallic Chemistry, 2009, 694, 1981-1987.	1.8	23
20	Cinnamic Acid Derivatives Induce Cell Cycle Arrest in Carcinoma Cell Lines. Medicinal Chemistry, 2013, 9, 633-641.	1.5	22
21	Mixed steroidal tetraoxanes induce apoptotic cell death in tumor cells. Investigational New Drugs, 2009, 27, 432-439.	2.6	21
22	Synthesis, cytotoxic and hydrolytic studies of titanium complexes anchored by a tripodal diamine bis(phenolate) ligand. Dalton Transactions, 2014, 43, 17422-17433.	3.3	21
23	Biological potential of puffballs: A comparative analysis. Journal of Functional Foods, 2016, 21, 36-49.	3.4	18
24	Design and <i>In Vitro</i> Biological Evaluation of a Novel Organotin(IV) Complex with 1-(4-Carboxyphenyl)-3-ethyl-3-methylpyrrolidine-2,5-dione. Journal of Chemistry, 2019, 2019, 1-8.	1.9	18
25	Polysaccharides of Pleurotus flabellatus strain Mynuk produced by submerged fermentation as a promising novel tool against adhesion and biofilm formation of foodborne pathogens. LWT - Food Science and Technology, 2019, 112, 108221.	5.2	17
26	Cytotoxic Effect of Wine Polyphenolic Extracts and Resveratrol Against Human Carcinoma Cells and Normal Peripheral Blood Mononuclear Cells. Journal of Medicinal Food, 2010, 13, 851-862.	1.5	16
27	One ligand different metal complexes: Biological studies of titanium(IV), tin(IV) and gallium(III) derivatives with the 2,6-dimethoxy-pyridine-3-carboxylato ligand. Journal of Organometallic Chemistry, 2011, 696, 3206-3213.	1.8	15
28	Synthesis, structural characterization and cytotoxic activity of two new organoruthenium(II) complexes. Journal of the Serbian Chemical Society, 2008, 73, 619-630.	0.8	11
29	Structural studies and cytotoxic activity against human cancer cell lines of mono and dinuclear tin(IV) complexes with the 1,2-dimercapto-o-xylene ligand. Inorganica Chimica Acta, 2014, 423, 117-122.	2.4	10
30	The antitumor immune response in HER-2 positive, metastatic breast cancer patients. Journal of Translational Medicine, 2005, 3, 13.	4.4	9
31	Ru(III) complexes derived from N-methyl derivatives of glycine and 1,3-propylenediamine-N,N'-diacetato ligands and their activities against HeLa, K562 cell lines and human PBMC. Journal of Coordination Chemistry, 2009, 62, 328-336.	2.2	8
32	Estrone derived steroidal diepoxide: Biologically active compound and precursor of a stable steroidal A,B-spiro system. Steroids, 2009, 74, 890-895.	1.8	8
33	Antiproliferative Activity of 1-Hydroxy-1-Arylalkanoic Acids. International Journal of Molecular Sciences, 2007, 8, 214-228.	4.1	7
34	A new endodontic mixture based on calcium aluminate cement obtained by hydrothermal synthesis. Ceramics International, 2019, 45, 9211-9218.	4.8	6
35	A Triphenyltin(IV) Nicotinate Derivative: Synthesis and Toxicity Towards Different Tumour and Normal Cell Lines. Letters in Drug Design and Discovery, 2012, 9, 737-741.	0.7	6
36	Study of some polyoxometallates of Keggin's type as potential antitumour agents. Journal of Medical Biochemistry, 2004, 23, 25-30.	0.1	1

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37	Phenolic profile and biological potential of wild blackberry (<i>Rubus discolor</i>) fruits. <i>Botanica Serbica</i> , 2021, 45, 215-222.	1.0	1
38	Iron salt-promoted oxidation of steroidal phenols by <i>m</i> -chloroperbenzoic acid: a route to possible antitumor agents. <i>RSC Advances</i> , 2022, 12, 20649-20655.	3.6	0