## Vesna Kojić

## List of Publications by Year in descending order

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236833 289141 2,184 113 25 40 citations h-index g-index papers 127 127 127 2923 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Potential of Helicrysum italicum cultivated in urban environment: SCCO2 extract cytotoxicity & Description of Mela, MCF-7 and MRC-5Âcells. Sustainable Chemistry and Pharmacy, 2022, 26, 100622.	1.6	1
2	$\hat{l}_{\pm}$ -tricalcium phosphate/fluorapatite-based cement - promising dental root canal filling material. Processing and Application of Ceramics, 2022, 16, 22-29.	0.4	O
3	Structural, biological and computational study of oxamide derivative. Journal of the Serbian Chemical Society, 2022, 87, 545-559.	0.4	O
4	Design, synthesis, and biological evaluation of thiazole bioisosteres of goniofufurone through in vitro antiproliferative activity and in vivo toxicity. Bioorganic Chemistry, 2022, 121, 105691.	2.0	5
5	Apoptosis induction in HeLa cervical cancer cell line by steroidal 16,17-seco-16,17a-dinitriles. Journal of the Serbian Chemical Society, 2022, 87, 969-981.	0.4	1
6	Natural product protulactone A: Total synthesis from D-galactose, X-ray analysis and biological evaluation. Bioorganic Chemistry, 2022, 127, 105980.	2.0	5
7	Raspberry seeds extract selectively inhibits the growth of human lung cancer cells <i>in vitro</i> Natural Product Research, 2021, 35, 2253-2256.	1.0	6
8	A neglected natural source for targeting glioblastoma. Natural Product Research, 2021, 35, 1856-1860.	1.0	2
9	Asymmetric synthesis and biological evaluation of $(+)$ -cardiobutanolide, $(\hat{a}^2)$ -3-deoxycardiobutanolide and analogues as antiproliferative agents. Tetrahedron, 2021, 97, 132408.	1.0	2
10	Design, synthesis and cytotoxic activity of new 6-O-aroyl (â^')-cleistenolide derivatives. Tetrahedron, 2021, 96, 132385.	1.0	2
11	The chitosan-based bioactive composite coating on titanium. Journal of Materials Research and Technology, 2021, 15, 4461-4474.	2.6	8
12	Bioactive components and antioxidant, antiproliferative, and antihyperglycemic activities of wild cornelian cherry (Cornus mas I.). Macedonian Journal of Chemistry and Chemical Engineering, 2021, 40, 221.	0.2	2
13	Assessing the Bioactivity of Gentamicin-Preloaded Hydroxyapatite/Chitosan Composite Coating on Titanium Substrate. ACS Omega, 2020, 5, 15433-15445.	1.6	29
14	Synthesis, antiproliferative activity and SAR analysis of $(\hat{a}^2)$ -cleistenolide and analogues. European Journal of Medicinal Chemistry, 2020, 202, 112597.	2.6	5
15	New A-homo lactam D-homo lactone androstane derivative: Synthesis and evaluation of cytotoxic and anti-inflammatory activities in vitro. Steroids, 2020, 157, 108596.	0.8	12
16	Antibacterial <scp>grapheneâ€based</scp> hydroxyapatite/chitosan coating with gentamicin for potential applications in bone tissue engineering. Journal of Biomedical Materials Research - Part A, 2020, 108, 2175-2189.	2.1	39
17	Poly(vinyl alcohol)/chitosan hydrogels with electrochemically synthesized silver nanoparticles for wound dressing applications. Journal of Electrochemical Science and Engineering, 2020, 10, 185-198.	1.6	7
18	Anticancer and antimicrobial properties of imidazolium based ionic liquids with salicylate anion. Journal of the Serbian Chemical Society, 2020, 85, 291-303.	0.4	13

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19	Synthesis and antiproliferative activity of simplified goniofufurone analogues. Journal of the Serbian Chemical Society, 2020, 85, 1539-1551.	0.4	3
20	Mg/Cu co-substituted hydroxyapatite – Biocompatibility, mechanical properties and antimicrobial activity. Ceramics International, 2019, 45, 22029-22039.	2.3	46
21	Functionalized Periodic Mesoporous Organosilica Nanoparticles for Loading and Delivery of Suramin. Inorganics, 2019, 7, 16.	1.2	5
22	Structure based design, synthesis and inÂvitro antitumour activity of tiazofurin stereoisomers with nitrogen functions at the C-2′ or C-3′ positions. European Journal of Medicinal Chemistry, 2019, 183, 111712.	2.6	3
23	Chitosan-based hydrogel wound dressings with electrochemically incorporated silver nanoparticles $\hat{a} \in \mathbb{C}$ In vitro study. European Polymer Journal, 2019, 121, 109257.	2.6	59
24	In vitro antitumor activity, ADME-Tox and 3D-QSAR of synthesized and selected natural styryl lactones. Computational Biology and Chemistry, 2019, 83, 107112.	1.1	6
25	Asymmetric synthesis of the cytotoxic lactone (+)-cardiobutanolide and two novel analogues. Tetrahedron Letters, 2019, 60, 684-687.	0.7	3
26	Novel ( $\hat{a}^{\circ}$ )-goniofufurone mimics: Synthesis, antiproliferative activity and SAR analysis. Journal of the Serbian Chemical Society, 2019, 84, 1345-1353.	0.4	2
27	In vitro cytotoxicity assessment of the 3D printed polymer based epoxy resin intended for use in dentistry. Vojnosanitetski Pregled, 2019, 76, 502-509.	0.1	12
28	The effect of the androstane lung cancer inhibitor content on the cell-selective toxicity of hydroxyapatite-chitosan-PLGA nanocomposites. Materials Science and Engineering C, 2018, 89, 371-377.	3.8	8
29	A contribution to pharmaceutical biology of freshwater sponges. Natural Product Research, 2018, 32, 568-571.	1.0	7
30	Electrochemical and biocompatibility examinations of highâ€pressure torsion processed titanium and T i–13 N b–13 Z r alloy. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 1097-1107.	1.6	13
31	The redox couple avarol/avarone in the fight with malignant gliomas: the case study of U-251 MG cells. Natural Product Research, 2018, 32, 616-620.	1.0	8
32	Novel O-methyl goniofufurone and 7-epi-goniofufurone derivatives: synthesis, in vitro cytotoxicity and SAR analysis. MedChemComm, 2018, 9, 2017-2027.	3.5	3
33	Chitosan oligosaccharide lactate coated hydroxyapatite nanoparticles as a vehicle for the delivery of steroid drugs and the targeting of breast cancer cells. Journal of Materials Chemistry B, 2018, 6, 6957-6968.	2.9	33
34	Gentamicin-Loaded Bioactive Hydroxyapatite/Chitosan Composite Coating Electrodeposited on Titanium. ACS Biomaterials Science and Engineering, 2018, 4, 3994-4007.	2.6	58
35	Rhodium(III) in a cage of the 1,3-propanediamine-N,N,N′-triacetate chelate: X-ray structure, solution equilibria, computational study and biological behavior. Polyhedron, 2018, 156, 19-30.	1.0	4
36	Further insights into ruthenium(II) piano-stool complexes with N-alkyl imidazoles. Inorganica Chimica Acta, 2018, 483, 359-370.	1.2	7

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37	Silver/poly(vinyl alcohol)/chitosan/graphene hydrogels – Synthesis, biological and physicochemical properties and silver release kinetics. Composites Part B: Engineering, 2018, 154, 175-185.	5.9	60
38	Conformationally restricted goniofufurone mimics with halogen, azido or benzoyloxy groups at the C-7 position: Design, synthesis and antiproliferative activity. Tetrahedron, 2018, 74, 4761-4768.	1.0	4
39	Design, synthesis and inÂvitro antitumour activity of new goniofufurone and 7- epi-goniofufurone mimics with halogen or azido groups at the C-7 position. European Journal of Medicinal Chemistry, 2017, 128, 13-24.	2.6	17
40	Synthesis, structural analysis, solution equilibria and biological activity of rhodium( <scp>iii</scp> ) complexes with a quinquedentate polyaminopolycarboxylate. RSC Advances, 2017, 7, 5282-5296.	1.7	10
41	Evaluation of in silico pharmacokinetic properties and in vitro cytotoxic activity of selected newly synthesized N-succinimide derivatives. Journal of Pharmaceutical and Biomedical Analysis, 2017, 137, 252-257.	1.4	19
42	Synthesis and inÂvitro antitumour activity of crassalactone D, its stereoisomers and novel cinnamic ester derivatives. European Journal of Medicinal Chemistry, 2017, 134, 293-303.	2.6	8
43	Stictic acid inhibits cell growth of human colon adenocarcinoma HT-29 cells. Arabian Journal of Chemistry, 2017, 10, S1240-S1242.	2.3	30
44	Electrochemical Synthesis and Characterization of Silver Doped Poly(vinyl alcohol)/Chitosan Hydrogels. Corrosion, 2017, 73, 1437-1447.	0.5	13
45	New antitumour agents with $\hat{l}_{\pm},\hat{l}^2$ -unsaturated $\hat{l}$ -lactone scaffold: Synthesis and antiproliferative activity of $(\hat{a}^{\circ})$ -cleistenolide and analogues. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3318-3321.	1.0	16
46	Toxicity reduction of imidazolium-based ionic liquids by the oxygenation of the alkyl substituent. RSC Advances, 2016, 6, 96289-96295.	1.7	31
47	Selective anticancer activity of hydroxyapatite/chitosan-poly(d,l)-lactide-co-glycolide particles loaded with an androstane-based cancer inhibitor. Colloids and Surfaces B: Biointerfaces, 2016, 148, 629-639.	2.5	25
48	Structural analysis and biomedical potential of novel salicyloyloxy estrane derivatives synthesized by microwave irradiation. Structural Chemistry, 2016, 27, 947-960.	1.0	5
49	Synthesis and inÂvitro antitumour activity of tiazofurin analogues with nitrogen functionalities at the C-2â $\in$ 2 position. European Journal of Medicinal Chemistry, 2016, 111, 114-125.	2.6	15
50	Synthesis and antiproliferative activity of goniobutenolides A and B, 5-halogenated crassalactone D derivatives and the corresponding 7-epimers. European Journal of Medicinal Chemistry, 2016, 108, 594-604.	2.6	5
51	<i>In vitro</i> evaluation of cytotoxic and mutagenic activity of avarol. Natural Product Research, 2016, 30, 1293-1296.	1.0	11
52	Divergent total synthesis of crassalactones B and C and evaluation of Atheir antiproliferative activity. Tetrahedron, 2015, 71, 4581-4589.	1.0	13
53	Synthesis of novel pyrimidine apiothionucleosides and inÂvitro evaluation of their cytotoxicity. Tetrahedron, 2015, 71, 3396-3403.	1.0	7
54	Anti-cancer effects of cerium oxide nanoparticles and its intracellular redox activity. Chemico-Biological Interactions, 2015, 232, 85-93.	1.7	132

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55	Androstane derivatives induce apoptotic death in MDA-MB-231 breast cancer cells. Bioorganic and Medicinal Chemistry, 2015, 23, 7189-7198.	1.4	20
56	Further <i>in vitro</i> evaluation of cytotoxicity of the marine natural product derivative 4′-leucine-avarone. Natural Product Research, 2014, 28, 347-350.	1.0	36
57	2-Substituted thiazole-4-carboxamide derivatives as tiazofurin mimics: synthesis and inÂvitro antitumour activity. Tetrahedron, 2014, 70, 2343-2350.	1.0	14
58	Design, synthesis and SAR analysis of antitumour styryl lactones related to (+)-crassalactones B and C. European Journal of Medicinal Chemistry, 2014, 87, 237-247.	2.6	14
59	An insight into the cytotoxic activity of phytol at <i>in vitro</i> conditions. Natural Product Research, 2014, 28, 2053-2056.	1.0	102
60	X-ray structural analysis and antitumor activity of new salicylic acid derivatives. Structural Chemistry, 2014, 25, 1747-1758.	1.0	6
61	Antimicrobial activity and biocompatibility of Ag+- and Cu2+-doped biphasic hydroxyapatite/ $\hat{l}$ ±-tricalcium phosphate obtained from hydrothermally synthesized Ag+- and Cu2+-doped hydroxyapatite. Applied Surface Science, 2014, 307, 513-519.	3.1	119
62	Conformationally constrained goniofufurone mimics as inhibitors of tumour cells growth: Design, synthesis and SAR study. European Journal of Medicinal Chemistry, 2014, 82, 449-458.	2.6	19
63	Biocompatibility of Three Root End Filling Materials. Journal of Biomaterials and Tissue Engineering, 2014, 4, 253-257.	0.0	2
64	Antioxidant and cytotoxic activity of mono- and bissalicylic acid derivatives. Acta Periodica Technologica, 2014, , 173-189.	0.5	2
65	Heteroannelated and 7-deoxygenated goniofufurone mimics with antitumour activity: Design, synthesis and preliminary SAR studies. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5507-5510.	1.0	9
66	Synthesis, structural analysis and antiproliferative activity of some novel D-homo lactone androstane derivatives. RSC Advances, 2013, 3, 10385.	1.7	20
67	Antitumor effects of a tetradentate amido-carboxylate ligands and corresponding square-planar palladium(II) complexes toward some cancer cells. Crystal structure, DFT modeling and ligand to DNA probe Docking simulation. Journal of Inorganic Biochemistry, 2013, 121, 134-144.	1.5	30
68	Synthesis and cytotoxic evaluation of novel pyrimidine deoxyapiothionucleosides. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3364-3367.	1.0	10
69	Cytotoxicity of single-walled carbon nanotubes to human lung carcinoma cells: The influence of N-acetylcysteine. Archive of Oncology, 2013, 21, 59-61.	0.2	0
70	Solution study under physiological conditions and cytotoxic activity of the gold(III) complexes with L-histidine-containing peptides. Journal of the Serbian Chemical Society, 2013, 78, 1911-1924.	0.4	7
71	Modification of Antioxidative and Antiapoptotic Genes Expression in irradiated K562 Cells Upon Fullerenol C <sub>60</sub> (OH) <sub>24</sub> Nanoparticle Treatment. Journal of Nanoscience and Nanotechnology, 2013, 13, 105-113.	0.9	18
72	Biocompatibility and antimicrobial activity of zinc(II) doped hydroxyapatite, synthesized by hydrothermal method. Journal of the Serbian Chemical Society, 2012, 77, 1787-1798.	0.4	23

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73	Synthesis and cytotoxic activity of some 17-picolyl and 17-picolinylidene androstane derivatives. European Journal of Medicinal Chemistry, 2012, 54, 784-792.	2.6	29
74	Synthesis and in vitro antitumour screening of $2$ -( $\hat{l}^2$ -d-xylofuranosyl)thiazole-4-carboxamide and two novel tiazofurin analogues with substituted tetrahydrofurodioxol moiety as a sugar mimic. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 6700-6704.	1.0	24
75	Divergent Synthesis of Cytotoxic Styryl Lactones Related to Goniobutenolides A and B, and to Crassalactone D. Organic Letters, 2012, 14, 5956-5959.	2.4	10
76	The effect of grain size on the biocompatibility, cell–materials interface, and mechanical properties of microwaveâ€sintered bioceramics. Journal of Biomedical Materials Research - Part A, 2012, 100A, 3059-3070.	2.1	21
77	Novel goniofufurone and 7-epi-goniofufurone mimics from an unexpected titanium-mediated displacement process. Tetrahedron Letters, 2012, 53, 1819-1822.	0.7	13
78	Synthesis, anti-oxidant activity, and cytotoxicity of salicyloyl derivatives of estra-1,3,5(10)-triene and androst-5-ene. Chemical Papers, 2012, 66, .	1.0	3
79	Heteroannelated (+)-muricatacin mimics: synthesis, antiproliferative properties and structure–activity relationships. Tetrahedron, 2011, 67, 9358-9367.	1.0	11
80	Antitumour tiazofurin analogues embedded with an amide moiety at the C-2 $\hat{a}$ position. Tetrahedron, 2011, 67, 6847-6858.	1.0	6
81	A selective laser melted Co-Cr alloy used for the rapid manufacture of removable partial denture frameworks: Initial screening of biocompatibility. Journal of the Serbian Chemical Society, 2011, 76, 43-52.	0.4	25
82	Synthesis, Structural, DFT, and Cytotoxicity Studies of Cull and Nill Complexes with 3-Aminopyrazole Derivatives. Australian Journal of Chemistry, 2010, 63, 1557.	0.5	8
83	X-ray structural analysis, antioxidant and cytotoxic activity of newly synthesized salicylic acid derivatives. Structural Chemistry, 2010, 21, 67-78.	1.0	6
84	Synthesis, cytotoxic activity, and thermal studies of novel <i>N</i> â€{(1,3â€diphenylpyrazolâ€4â€yl)methyl] î±â€amino acids. Journal of Heterocyclic Chemistry, 2010, 47, 850-856.	1.4	6
85	Divergent synthesis of cytotoxic styryl lactones isolated from Polyalthia crassa. The first total synthesis of crassalactone B. Tetrahedron Letters, 2010, 51, 3426-3429.	0.7	18
86	Design, synthesis and antiproliferative activity of styryl lactones related to (+)-goniofufurone. European Journal of Medicinal Chemistry, 2010, 45, 2876-2883.	2.6	29
87	Synthesis of highly cytotoxic tiazofurin mimics bearing a 2,3-anhydro function in the furanose ring. Tetrahedron, 2009, 65, 7637-7645.	1.0	11
88	Enantiodivergent synthesis of cytotoxic styryl lactones from d-xylose. The first total synthesis of (+)- and ( $\hat{a}^{-1}$ )-crassalactone C. Tetrahedron, 2009, 65, 10596-10607.	1.0	31
89	An intramolecular one-pot synthesis of steroidal triazoles via 1,3-dipolar cycloadditions of in situ generated diazo compounds. Tetrahedron Letters, 2009, 50, 4107-4109.	0.7	23
90	Synthesis and cytotoxic activity of a series of bile acid derivatives. Hemijska Industrija, 2009, 63, 313-318.	0.3	7

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91	overflow="scroll"> <mml:msup><mml:mrow><mml:mo stretchy="false"&gt; <mml:mi>f</mml:mi><mml:mo stretchy="false"&gt; </mml:mo </mml:mo </mml:mrow><mml:mi>p</mml:mi></mml:msup> for quasiregular harmonic functions, with applications. Journal of Mathematical Analysis and	0.5	23
92	Applications, 2008, 342, 742-746.  Synthesis and biological evaluation of a series of A,B-ring modified 16,17-secoandrostane derivatives.  Bioorganic Chemistry, 2008, 36, 128-132.	2.0	15
93	Synthesis and antiproliferative activity of unnatural enantiomers of 7-epi-goniofufurone and crassalactone C. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5178-5181.	1.0	15
94	Design, synthesis and antiproliferative activity of two new heteroannelated (â^')-muricatacin mimics. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5182-5185.	1.0	14
95	Synthesis of some epoxy and/or N-oxy 17-picolyl and 17-picolinylidene-androst-5-ene derivatives and evaluation of their biological activity. Steroids, 2008, 73, 129-138.	0.8	35
96	Synthesis and Biological Evaluation of Some A,D-Ring Modified 16,17-Secoandrostane Derivatives. Collection of Czechoslovak Chemical Communications, 2008, 73, 627-636.	1.0	9
97	Synthesis, Spectroscopy and in vitro Cytotoxicity of New Hydroxyanthraquinonato Triorganotin Compounds. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2007, 37, 41-51.	0.6	16
98	Divergent Synthesis of Cytotoxic Styryl Lactones from <scp>d &lt; /scp&gt;-Xylose. The First Total Synthesis of (+)-Crassalactone C. Organic Letters, 2007, 9, 4235-4238.</scp>	2.4	38
99	Synthesis and antitumour activity of new tiazofurin analogues bearing a 2,3-anhydro functionality in the furanose ring. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 4123-4127.	1.0	35
100	Quasi-nearly subharmonic functions and conformal mappings. Filomat, 2007, 21, 243-249.	0.2	21
101	Synthesis, Structure and In vitro Biological Activity of New Hydroxyâ€Naphthoquinonato Triorganotin Compounds. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2006, 36, 765-775.	0.6	8
102	Synthesis andÂantitumour activity ofÂnew muricatacin andÂgoniofufurone analogues. European Journal of Medicinal Chemistry, 2006, 41, 1217-1222.	2.6	17
103	Synthesis and antiproliferative activity of two new tiazofurin analogues with 2′-amido functionalities. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 2773-2776.	1.0	49
104	2-(3-Amino-3-deoxy-β-d-xylofuranosyl)thiazole-4-carboxamide: A new tiazofurin analogue with potent antitumour activity. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5317-5320.	1.0	23
105	Enantiodivergent synthesis of muricatacin related lactones from d-xylose based on the latent symmetry concept: preparation of twoÂnovel cytotoxic (+)- and (â^')-muricatacin 7-oxa analogs. Tetrahedron, 2006, 62, 11044-11053.	1.0	26
106	Effect of TNF- $\hat{l}\pm$ on Raji cells at different cellular levels estimated by various methods. Annals of Hematology, 2006, 85, 86-94.	0.8	43
107	Cytotoxicity and fibroblast properties during in vitro test of biphasic calcium phosphate/poly-dl-lactide-co-glycolide biocomposites and different phosphate materials. Microscopy Research and Technique, 2006, 69, 976-982.	1.2	32
108	Synthesis and biological activity evaluation of new functionally substituted 5-arylidene-2,4-dioxotetrahydro-1,3-thiazoles. Journal of the Serbian Chemical Society, 2006, 71, 861-866.	0.4	4

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#	ARTICLE	IF	CITATION
109	Synthesis and biological evaluation of two novel 2′-substituted tiazofurin analogues. Tetrahedron Letters, 2004, 45, 7125-7128.	0.7	14
110	Wittig reaction with partially protected sugar lactol derivatives. Preparation of highly cytotoxic goniofufurone analogues. Tetrahedron Letters, 2004, 45, 9409-9413.	0.7	24
111	Modulating activity of fullerol C60(OH)22 on doxorubicin-induced cytotoxicity. Toxicology in Vitro, 2004, 18, 629-637.	1.1	116
112	De novo synthesis of two new cytotoxic tiazofurin analogues with modified sugar moieties. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 3167-3170.	1.0	17
113	Growth Effects of Some Platinum(II) Complexes with Sulfur-Containing Carrier Ligands on MCF7 Human Breast Cancer Cell Line upon Simultaneous Administration with Taxol. Metal-Based Drugs, 2002, 9, 33-43.	3.8	18