

Gordana M Bogdanovic

List of Publications by Year in descending order

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87
papers

2,163
citations

257101

24
h-index

264894

42
g-index

102
all docs

102
docs citations

102
times ranked

2739
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitric oxide-scavenging activity of polyhydroxylated fullereneol, C60(OH)24. Nitric Oxide - Biology and Chemistry, 2004, 11, 201-207.	1.2	175
2	Anti-cancer effects of cerium oxide nanoparticles and its intracellular redox activity. Chemico-Biological Interactions, 2015, 232, 85-93.	1.7	132
3	Modulating activity of fullerol C60(OH)22 on doxorubicin-induced cytotoxicity. Toxicology in Vitro, 2004, 18, 629-637.	1.1	116
4	TNF- α Induced Apoptosis is Accompanied with Rapid CD30 and Slower CD45 Shedding from K-562 Cells. Journal of Membrane Biology, 2011, 239, 115-122.	1.0	111
5	An insight into the cytotoxic activity of phytol at <i>in vitro</i> conditions. Natural Product Research, 2014, 28, 2053-2056.	1.0	102
6	Radical Scavenging, Antibacterial, and Antiproliferative Activities of <i>Melissa officinalis</i> L. Extracts. Journal of Medicinal Food, 2008, 11, 133-143.	0.8	73
7	Fullereneol C60(OH)24 Effects on Antioxidative Enzymes Activity in Irradiated Human Erythroleukemia Cell Line. Journal of Radiation Research, 2008, 49, 321-327.	0.8	66
8	Effects of fullereneol C60(OH)24 on the frequency of micronuclei and chromosome aberrations in CHO-K1 cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 680, 25-30.	0.9	61
9	Antioxidative and Antiproliferative Activities of Different Horsetail (<i>Equisetum arvense</i> L.) Extracts. Journal of Medicinal Food, 2010, 13, 452-459.	0.8	53
10	Synthesis and antiproliferative activity of two new tiazofurin analogues with α -amido functionalities. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 2773-2776.	1.0	49
11	Effect of TNF- α on Raji cells at different cellular levels estimated by various methods. Annals of Hematology, 2006, 85, 86-94.	0.8	43
12	Divergent Synthesis of Cytotoxic Styryl Lactones from D-Xylose. The First Total Synthesis of (+)-Crassalactone C. Organic Letters, 2007, 9, 4235-4238.	2.4	38
13	Further <i>in vitro</i> evaluation of cytotoxicity of the marine natural product derivative 4 α -leucine-avarone. Natural Product Research, 2014, 28, 347-350.	1.0	36
14	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
15	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
16	Synthesis and biological evaluation of some new A,B-ring modified steroidal d-lactones. Steroids, 2008, 73, 681-688.	0.8	32
17	Enantiodivergent synthesis of cytotoxic styryl lactones from d-xylose. The first total synthesis of (+)- and (α^*)-crassalactone C. Tetrahedron, 2009, 65, 10596-10607.	1.0	31
18	Fullereneol: A new nanopharmaceutic?. Archive of Oncology, 2008, 16, 42-45.	0.2	31

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19	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. <i>Journal of Inorganic Biochemistry</i> , 2013, 121, 134-144.	1.5	30
20	Stictic acid inhibits cell growth of human colon adenocarcinoma HT-29 cells. <i>Arabian Journal of Chemistry</i> , 2017, 10, S1240-S1242.	2.3	30
21	Design, synthesis and antiproliferative activity of styryl lactones related to (+)-goniofufurone. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2876-2883.	2.6	29
22	Synthesis and cytotoxic activity of some 17-picoyl and 17-picolinylidene androstane derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 784-792.	2.6	29
23	Enantiodivergent synthesis of muricatacin related lactones from d-xylose based on the latent symmetry concept: preparation of two novel cytotoxic (+)- and (–)-muricatacin 7-oxa analogs. <i>Tetrahedron</i> , 2006, 62, 11044-11053.	1.0	26
24	A selective laser melted Co-Cr alloy used for the rapid manufacture of removable partial denture frameworks: Initial screening of biocompatibility. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 43-52.	0.4	25
25	Wittig reaction with partially protected sugar lactol derivatives. Preparation of highly cytotoxic goniofufurone analogues. <i>Tetrahedron Letters</i> , 2004, 45, 9409-9413.	0.7	24
26	Synthesis and in vitro antitumour screening of 2-(1,2-d-xylofuranosyl)thiazole-4-carboxamide and two novel tiazofurin analogues with substituted tetrahydrofurodioxol moiety as a sugar mimic. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6700-6704.	1.0	24
27	2-(3-Amino-3-deoxy-1,2-d-xylofuranosyl)thiazole-4-carboxamide: A new tiazofurin analogue with potent antitumour activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5317-5320.	1.0	23
28	An intramolecular one-pot synthesis of steroidal triazoles via 1,3-dipolar cycloadditions of in situ generated diazo compounds. <i>Tetrahedron Letters</i> , 2009, 50, 4107-4109.	0.7	23
29	Synthesis and antitumor activity of new d-seco and d-homo androstane derivatives. <i>Steroids</i> , 2009, 74, 983-988.	0.8	23
30	Biocompatibility and antimicrobial activity of zinc(II) doped hydroxyapatite, synthesized by hydrothermal method. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 1787-1798.	0.4	23
31	Fullerenol nanoparticles as a new delivery system for doxorubicin. <i>RSC Advances</i> , 2016, 6, 38563-38578.	1.7	23
32	Carbon nanomaterials: Biologically active fullerene derivatives. <i>Srpski Arhiv Za Celokupno Lekarstvo</i> , 2016, 144, 222-231.	0.1	23
33	The effect of grain size on the biocompatibility, cell–materials interface, and mechanical properties of microwave-sintered bioceramics. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 3059-3070.	2.1	21
34	Androstane derivatives induce apoptotic death in MDA-MB-231 breast cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7189-7198.	1.4	20
35	Modulation of TNF- α activity in tumor PC cells using anti-CD45 and anti-CD95 monoclonal antibodies. <i>Cancer Letters</i> , 2004, 214, 55-61.	3.2	19
36	Effects of Fullereneol C ₆₀ (OH) ₂₄ on Cytotoxicity Induced by Antitumor Drugs on Human Breast Carcinoma Cell Lines. <i>Materials Science Forum</i> , 2005, 494, 543-548.	0.3	19

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37	Conformationally constrained goniofufurone mimics as inhibitors of tumour cells growth: Design, synthesis and SAR study. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 449-458.	2.6	19
38	Growth Effects of Some Platinum(II) Complexes with Sulfur-Containing Carrier Ligands on MCF7 Human Breast Cancer Cell Line upon Simultaneous Administration with Taxol. <i>Metal-Based Drugs</i> , 2002, 9, 33-43.	3.8	18
39	Divergent synthesis of cytotoxic styryl lactones isolated from <i>Polyalthia crassa</i> . The first total synthesis of crassalactone B. <i>Tetrahedron Letters</i> , 2010, 51, 3426-3429.	0.7	18
40	Modification of Antioxidative and Antiapoptotic Genes Expression in irradiated K562 Cells Upon Fullerenol C ₆₀ (OH) ₂₄ ; Nanoparticle Treatment. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 105-113.	0.9	18
41	De novo synthesis of two new cytotoxic tiazofurin analogues with modified sugar moieties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 3167-3170.	1.0	17
42	Synthesis and Antitumour activity of new muricatacin and goniofufurone analogues. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 1217-1222.	2.6	17
43	Leptin Reverts Pro-Apoptotic and Antiproliferative Effects of \pm -Linolenic Acids in BCR-ABL Positive Leukemic Cells: Involvement of PI3K Pathway. <i>PLoS ONE</i> , 2011, 6, e25651.	1.1	17
44	Synthesis, X-ray structural analysis, and cytotoxic activity of some new androstane d-homo lactone derivatives. <i>Structural Chemistry</i> , 2012, 23, 1761-1767.	1.0	17
45	Design, synthesis and in vitro antitumour activity of new goniofufurone and 7-epi-goniofufurone mimics with halogen or azido groups at the C-7 position. <i>European Journal of Medicinal Chemistry</i> , 2017, 128, 13-24.	2.6	17
46	Synthesis, Spectroscopy and in vitro Cytotoxicity of New Hydroxyanthraquinonato Triorganotin Compounds. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2007, 37, 41-51.	0.6	16
47	New antitumour agents with \pm , $\hat{2}$ -unsaturated $\hat{1}$ -lactone scaffold: Synthesis and antiproliferative activity of (\hat{a} ⁺)-cleistenolide and analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3318-3321.	1.0	16
48	Synthesis and biological evaluation of a series of A,B-ring modified 16,17-secoandrostane derivatives. <i>Bioorganic Chemistry</i> , 2008, 36, 128-132.	2.0	15
49	Synthesis and antiproliferative activity of unnatural enantiomers of 7-epi-goniofufurone and crassalactone C. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5178-5181.	1.0	15
50	Synthesis and in vitro antitumour activity of tiazofurin analogues with nitrogen functionalities at the C-2 position. <i>European Journal of Medicinal Chemistry</i> , 2016, 111, 114-125.	2.6	15
51	Synthesis and biological evaluation of two novel 2-substituted tiazofurin analogues. <i>Tetrahedron Letters</i> , 2004, 45, 7125-7128.	0.7	14
52	Design, synthesis and antiproliferative activity of two new heteroannulated (\hat{a} ⁺)-muricatacin mimics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5182-5185.	1.0	14
53	2-Substituted thiazole-4-carboxamide derivatives as tiazofurin mimics: synthesis and in vitro antitumour activity. <i>Tetrahedron</i> , 2014, 70, 2343-2350.	1.0	14
54	Design, synthesis and SAR analysis of antitumour styryl lactones related to (+)-crassalactones B and C. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 237-247.	2.6	14

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55	Novel goniofufurone and 7-epi-goniofufurone mimics from an unexpected titanium-mediated displacement process. <i>Tetrahedron Letters</i> , 2012, 53, 1819-1822.	0.7	13
56	Divergent total synthesis of crassalactones B and C and evaluation of their antiproliferative activity. <i>Tetrahedron</i> , 2015, 71, 4581-4589.	1.0	13
57	Evaluation of biological activity of new hemiesters of 17-hydroxy-16,17-secoestra-1,3,5(10)-triene-16-nitrile. <i>Medicinal Chemistry Research</i> , 2011, 20, 1102-1110.	1.1	12
58	Synthesis of highly cytotoxic tiazofurin mimics bearing a 2,3-anhydro function in the furanose ring. <i>Tetrahedron</i> , 2009, 65, 7637-7645.	1.0	11
59	Heteroannelated (+)-muricatacin mimics: synthesis, antiproliferative properties and structure-activity relationships. <i>Tetrahedron</i> , 2011, 67, 9358-9367.	1.0	11
60	Divergent Synthesis of Cytotoxic Styryl Lactones Related to Goniobutenolides A and B, and to Crassalactone D. <i>Organic Letters</i> , 2012, 14, 5956-5959.	2.4	10
61	Synthesis and cytotoxic evaluation of novel pyrimidine deoxyapiothionucleosides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3364-3367.	1.0	10
62	Synthesis and biological evaluation of some new 2-oxazoline and salicylic acid derivatives. <i>Arkivoc</i> , 2011, 2011, 83-102.	0.3	10
63	Characteristics of novel myeloid precursor cell line, PC-MDS, established from a bone marrow of the patient with therapy-related myelodysplastic syndrome. <i>Leukemia Research</i> , 2007, 31, 1097-1105.	0.4	9
64	Synthesis and Biological Evaluation of Some A,D-Ring Modified 16,17-Secoandrostane Derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 2008, 73, 627-636.	1.0	9
65	Heteroannelated and 7-deoxygenated goniofufurone mimics with antitumour activity: Design, synthesis and preliminary SAR studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5507-5510.	1.0	9
66	Synthesis, Structure and In vitro Biological Activity of New Hydroxy-Naphthoquinonato Triorganotin Compounds. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2006, 36, 765-775.	0.6	8
67	Synthesis, Structural, DFT, and Cytotoxicity Studies of Cull and Nill Complexes with 3-Aminopyrazole Derivatives. <i>Australian Journal of Chemistry</i> , 2010, 63, 1557.	0.5	8
68	Synthesis and in vitro antitumour activity of crassalactone D, its stereoisomers and novel cinnamic ester derivatives. <i>European Journal of Medicinal Chemistry</i> , 2017, 134, 293-303.	2.6	8
69	Multifractal analysis of the UV/VIS spectra of malignant ascites: Confirmation of the diagnostic validity of a clinically evaluated spectral analysis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 3563-3573.	1.2	7
70	Solution study under physiological conditions and cytotoxic activity of the gold(III) complexes with L-histidine-containing peptides. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 1911-1924.	0.4	7
71	Synthesis of novel pyrimidine apiothionucleosides and in vitro evaluation of their cytotoxicity. <i>Tetrahedron</i> , 2015, 71, 3396-3403.	1.0	7
72	Synthesis and cytotoxic activity of a series of bile acid derivatives. <i>Hemijaska Industrija</i> , 2009, 63, 313-318.	0.3	7

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73	X-ray structural analysis, antioxidant and cytotoxic activity of newly synthesized salicylic acid derivatives. <i>Structural Chemistry</i> , 2010, 21, 67-78.	1.0	6
74	Synthesis, cytotoxic activity, and thermal studies of novel <i>N</i> -(1,3-diphenylpyrazol-4-yl)methyl] amino acids. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 850-856.	1.4	6
75	Antitumour tiazofurin analogues embedded with an amide moiety at the C-2 position. <i>Tetrahedron</i> , 2011, 67, 6847-6858.	1.0	6
76	The cell growth, morphology and immunocytochemistry of novel cell line established from a bone marrow of the patient with therapy-related myelodysplastic syndrome, entitled PC-MDS. <i>Medical Oncology</i> , 2007, 24, 419-424.	1.2	5
77	Synthesis and antiproliferative activity of goniobutenolides A and B, 5-halogenated crassalactone D derivatives and the corresponding 7-epimers. <i>European Journal of Medicinal Chemistry</i> , 2016, 108, 594-604.	2.6	5
78	Activity of lactate dehydrogenase and superoxide dismutase in the circulation of patients with breast carcinoma. <i>Archive of Oncology</i> , 2008, 16, 39-41.	0.2	5
79	The influence of fullerene on the cell number, cell area and colony forming unit ability in irradiated human erythroleukemic cell line. <i>Hemijaska Industrija</i> , 2007, 61, 167-170.	0.3	5
80	Synthesis and biological activity evaluation of new functionally substituted 5-arylidene-2,4-dioxotetrahydro-1,3-thiazoles. <i>Journal of the Serbian Chemical Society</i> , 2006, 71, 861-866.	0.4	4
81	Efficacy of transvaginal ultrasound versus magnetic resonance imaging for preoperative assessment of myometrial invasion in patients with endometrioid endometrial cancer: a prospective comparative study. <i>Radiology and Oncology</i> , 2022, 56, 37-45.	0.6	4
82	Effect of ELF-EMF on antioxidant status and micronuclei in K562 cells and normal lymphocytes. <i>Open Life Sciences</i> , 2014, 9, 931-940.	0.6	3
83	17-Picolinylidene-androst-5-ene derivatives and their antiaromatase and cytotoxic activity. <i>Arhivoc</i> , 2010, 2009, 311-323.	0.3	1
84	Cytotoxicity of single-walled carbon nanotubes to human lung carcinoma cells: The influence of N-acetylcysteine. <i>Archive of Oncology</i> , 2013, 21, 59-61.	0.2	0
85	Radiobiological effects of multiple vs. single low-doses pre-irradiation on HT29 cell line. <i>Wspolczesna Onkologia</i> , 2014, 4, 230-233.	0.7	0
86	Publication ethics: The editor-author relationship. <i>Archive of Oncology</i> , 2003, 11, 213-215.	0.2	0
87	The influence of fullerene on antioxidative enzyme activity in irradiated human erythroleukemic cell line (K562). <i>Hemijaska Industrija</i> , 2007, 61, 164-166.	0.3	0