Ljubica GlavaÅ¡-Obrovac

List of Publications by Year
in descending order

53 papers	750 citations	623734 14 h-index	580821 25 g-index
53 all docs	53 docs citations	53 times ranked	1095 citing authors

#	Article	IF	Citations
1	Effects of inhalation anesthetics halothane, sevoflurane, and isoflurane on human cell lines. Life Sciences, 2005, 77, 2369-2383.	4.3	101
2	An overview of coagulation disorders in cancer patients. Surgical Oncology, 2010, 19, e33-e46.	1.6	79
3	Tumor-Cell-Targeted Methionine-enkephalin Analogues Containing Unnatural Amino Acids:Â Design, Synthesis, and in Vitro Antitumor Activity. Journal of Medicinal Chemistry, 2006, 49, 3136-3142.	6.4	62
4	Antineoplastic DNA-Binding Compounds: Intercalating and Minor Groove Binding Drugs. Arhiv Za Higijenu Rada I Toksikologiju, 2013, 64, 593-602.	0.7	39
5	Effect of 3,4-ethylenedioxy-extension of thiophene core on the DNA/RNA binding properties and biological activity of bisbenzimidazole amidines. Bioorganic and Medicinal Chemistry, 2009, 17, 2544-2554.	3.0	35
6	Probing the Structural Properties of DNA/RNA Grooves with Sterically Restricted Phosphonium Dyes: Screening of Dye Cytotoxicity and Uptake. ChemMedChem, 2013, 8, 1093-1103.	3.2	24
7	Minor structural differences of monomethine cyanine derivatives yield strong variation in their interactions with DNA, RNA as well as on their in vitro antiproliferative activity. Bioorganic and Medicinal Chemistry, 2009, 17, 4747-4755.	3.0	23
8	The phenanthridine biguanides efficiently differentiate between dGdC, dAdT and rArU sequences by two independent, sensitive spectroscopic methods. Molecular BioSystems, 2011, 7, 1753.	2.9	22
9	New quinoline-arylamidine hybrids: Synthesis, DNA/RNA binding and antitumor activity. European Journal of Medicinal Chemistry, 2017, 137, 196-210.	5.5	21
10	Synthesis, DNA/RNA affinity and antitumour activity of new aromatic diamidines linked by 3,4-ethylenedioxythiophene. European Journal of Medicinal Chemistry, 2011, 46, 743-755.	5.5	18
11	Synthesis, structure, and biological evaluation of C-2 sulfonamido pyrimidine nucleosides. Tetrahedron, 2003, 59, 4047-4057.	1.9	17
12	Quinoline and ferrocene conjugates: Synthesis, computational study and biological evaluations. Applied Organometallic Chemistry, 2019, 33, e4628.	3.5	17
13	In vivo toxicity study of N-1-sulfonylcytosine derivatives and their mechanisms of action in cervical carcinoma cell line. Investigational New Drugs, 2012, 30, 981-990.	2.6	16
14	Permanent positive charge strongly influences DNA/RNA binding and antiproliferative activity of ureaâ€“phenanthridinium conjugates. European Journal of Medicinal Chemistry, 2010, 45, 3281-3292.	5.5	15
15	Lack of association of vitamin D receptor gene 3â€²â€haplotypes with psoriasis in Croatian patients. Journal of Dermatology, 2012, 39, 58-62.	1.2	15
16	Expression of TIGIT and FCRL3 is Altered in T Cells from Patients with Distinct Patterns of Chronic Autoimmune Thyroiditis. Experimental and Clinical Endocrinology and Diabetes, 2019, 127, 281-288.	1.2	15
17	Importance of interleukin 6 in pathogenesis of inflammatory bowel disease. Collegium Antropologicum, 2014, 38, 659-64.	0.2	15
18	Synthesis of Novel Aliphatic N-sulfonylamidino Thymine Derivatives by Cu(I)-catalyzed Three-component Coupling Reaction. Croatica Chemica Acta, 2012, 85, 525-534.	0.4	12

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19	Antitumor activity of 3,4-ethylenedioxythiophene derivatives and quantitative structure-activity relationship analysis. Journal of Molecular Structure, 2017, 1133, 66-73.	3.6	12
20	Impact of linker between triazolyluracil and phenanthridine on recognition of DNA and RNA. Recognition of uracil-containing RNA. New Journal of Chemistry, 2017, 41, 13240-13252.	2.8	12
21	Metabolic effects of novel N-1-sulfonylpyrimidine derivatives on human colon carcinoma cells. Il Farmaco, 2005, 60, 479-483.	0.9	10
22	9â€Deazaguanine derivatives connected by a linker to difluoromethylene phosphonic acid are slowâ€binding picomolar inhibitors of trimeric purine nucleoside phosphorylase. FEBS Journal, 2010, 277, 1747-1760.	4.7	10
23	miR-29a-3p/T-bet Regulatory Circuit Is Altered in T Cells of Patients With Hashimotoâ€™s Thyroiditis. Frontiers in Endocrinology, 2018, 9, 264.	3.5	10
24	Zmiana ekspresji mRNA dla CTLA-4, CD28, VDR i CD45 w limfocytach T u osÃ³b z chorobÄ... Hashimoto â€" badanie pilotowe. Endokrynologia Polska, 2017, 68, 274-828.	1.0	10
25	SYNTHESIS AND ANTITUMOR ACTIVITY OF 5-BROMO-1-MESYLURACIL. Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 557-569.	1.1	9
26	Bis-4,9-diazapyrenium dications: synthesis of the methylenedibenzyl-analogue, interactions with nucleotides, DNA, RNA. The antitumour activity of all till now prepared analogues. Journal of Physical Organic Chemistry, 2007, 20, 285-295.	1.9	9
27	The Expression of T Cell FOXP3 and T-Bet Is Upregulated in Severe but Not Euthyroid Hashimotoâ€™s Thyroiditis. Mediators of Inflammation, 2016, 2016, 1-9.	3.0	9
28	Vitamin D endocrine system and psoriasis vulgaris--review of the literature. Acta Dermatovenerologica Croatica, 2009, 17, 187-92.	0.1	9
29	Antiproliferative Activity of Purine Nucleoside Phosphorylase Multisubstrate Analogue Inhibitors Containing Difluoromethylene Phosphonic Acid against Leukaemia and Lymphoma Cells. Chemical Biology and Drug Design, 2010, 75, 392-399.	3.2	8
30	Differential Skewing of Circulating MR1-Restricted and Î³Î´ T Cells in Human Psoriasis Vulgaris. Frontiers in Immunology, 2020, 11, 572924.	4.8	8
31	Association of increased eomesodermin, BCL6, and granzyme B expression with major clinical manifestations of Hashimotoâ€™s thyroiditis â€“ an observational study. Immunological Investigations, 2018, 47, 279-292.	2.0	7
32	HLA-A, -B, -C, -DRB1, -DQA1, and -DQB1 allele and haplotype frequencies defined by next generation sequencing in a population of East Croatia blood donors. Scientific Reports, 2020, 10, 5513.	3.3	7
33	Biological properties of 4-methyl-2,7-diamino-5,10-diphenyl-4,9-diazapyrenium hydrogensulfate (ADAP). Cancer Chemotherapy and Pharmacology, 2008, 62, 595-604.	2.3	6
34	Synthesis, DNA Interactions and Anticancer Evaluation of Novel Diamidine Derivatives of 3,4-Ethylenedioxythiophene. Croatica Chemica Acta, 2012, 85, 457-467.	0.4	6
35	The impact of Î±-hydrazino acids embedded in short fluorescent peptides on peptide interactions with DNA and RNA. Organic and Biomolecular Chemistry, 2016, 14, 4865-4874.	2.8	6
36	Green chemistry approach to the synthesis of 3-substituted-quinazolin-4(3H)-ones and 2-methyl-3-substituted-quinazolin-4(3H)-ones and biological evaluation. Green Chemistry Letters and Reviews, 2020, 13, 93-101.	4.7	6

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37	Polymorphisms of vitamin D receptor gene in the population of eastern Croatia with psoriasis vulgaris and diabetes mellitus. Collegium Antropologicum, 2012, 36, 451-7.	0.2	6
38	Polymorphisms of interleukin-23 receptor in patients with inflammatory bowel disease in a Croatian tertiary center. Collegium Antropologicum, 2013, 37, 1171-7.	0.2	6
39	Insulin administration in the mild hyperglycaemia changes expression of proinflammatory adhesion molecules on human aortic endothelial cells. Collegium Antropologicum, 2010, 34, 911-5.	0.2	5
40	Synthesis and Biological Activity of Reversed Pyrimidine Nucleosides. Croatica Chemica Acta, 2015, 88, 43-52.	0.4	4
41	Synthesis and in vitro evaluation of antiviral and cytostatic properties of novel 8-triazolyl acyclovir derivatives. Nucleosides, Nucleotides and Nucleic Acids, 2018, 37, 397-414.	1.1	4
42	Investigation of the structural and physicochemical requirements ofquinoline-arylamidine hybrids for the growth inhibition of K562 and Rajileukemia cells. Turkish Journal of Chemistry, 2019, 43, 251-265.	1.2	4
43	Antiproliferative and proapoptotic activity of molecular copper(II) complex of N-1-tosylcytosine. Journal of Trace Elements in Medicine and Biology, 2019, 55, 216-222.	3.0	4
44	Interactions among Interleukin-6, C-Reactive Protein and Interleukin-6 (-174) G/C Polymorphism in the Pathogenesis of Crohnâ€™s Disease and Ulcerative Colitis. Acta Clinica Croatica, 2020, 59, 67-80.	0.2	4
45	Synthesis, DNA/RNA-interaction and biological activity of benzo[k,l]xanthene lignans. Bioorganic Chemistry, 2020, 104, 104190.	4.1	4
46	Inhibitory Properties of Nucleotides with Difluoromethylenephosphonic Acid as a Phosphate Mimic versus Calf Spleen Purine Nucleoside Phosphorylase and Effect of These Analogues on the Viability of Human Blood Lymphocytes. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 989-993.	1.1	3
47	6-Morpholino- and 6-amino-9-sulfonylpurine derivatives. Synthesis, computational analysis, and biological activity. Nucleosides, Nucleotides and Nucleic Acids, 2021, 40, 470-503.	1.1	3
48	Pilot study of variants of theIL-23RandSTAT3genes reveals no association with Hashimotoâ€™s thyroiditis in the Croatian population. Endocrine Research, 2014, 39, 164-167.	1.2	2
49	An Efficient Synthesis and In vitro Cytostatic Activity of 5-Aminosulfonyl Uracil Derivatives. Croatica Chemica Acta, 2019, 92, 269-277.	0.4	1
50	An Overexpression of Icam-1 in Mild Hyperhomocysteinemia and Hyperglycemia â^' A Study of Antidiabetics Administration Effect. Croatica Chemica Acta, 2012, 85, 185-191.	0.4	0
51	QSAR analysis of antitumor activities of 3,4-ethylenedioxythiphene derivatives. AIP Conference Proceedings, 2015, , .	0.4	0
52	3D Cell Technology in Biomedical Research. Collegium Antropologicum, 2020, 44, 171-174.	0.2	0
53	Autofermentation of Chamomile Ligulate Flowers Promote Antitumor Effects in vitro. Acta Chimica Slovenica, 2019, 66, 560-569.	0.6	0