

Branko J DrakuliÄ

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	5-Aryl-1H-pyrazole-3-carboxylic acids as selective inhibitors of human carbonic anhydrases IX and XII. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4649-4659.	3.0	18
2	Solvatochromism of symmetrical 2,6-distyrylpyridines. An experimental and theoretical study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 435-446.	3.9	6
3	Structural modifications of 4-aryl-4-oxo-2-aminybutanamides and their acetyl- and butyrylcholinesterase inhibitory activity. Investigation of AChE ligand interactions by docking calculations and molecular dynamics simulations. <i>European Journal of Medicinal Chemistry</i> , 2014, 81, 158-175.	5.5	20
4	Reactivity of (E)-4-aryl-4-oxo-2-butenic acid phenylamides with piperidine and benzylamine: kinetic and theoretical study. <i>Monatshefte für Chemie</i> , 2014, 145, 1297-1306.	1.8	4
5	Antiproliferative activity of the Michael adducts of aroylacrylic acids and cyclic amines. <i>Molecular Diversity</i> , 2014, 18, 577-592.	3.9	3
6	Dynamics of Uninhibited and Covalently Inhibited Cysteine Protease on Non-physiological pH. <i>Modeling and Optimization in Science and Technologies</i> , 2014, , 75-82.	0.7	0
7	Conformational mobility of active and E-64-inhibited actinidin. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4790-4799.	2.4	9
8	(E)-4-Aryl-4-oxo-2-butenic acid amides, chalcone aroylacrylic acid chimeras: Design, antiproliferative activity and inhibition of tubulin polymerization. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 40-50.	5.5	29
9	Reactivity of (E)-4-aryl-4-oxo-2-butenic acid arylamides toward 2-mercaptoethanol. A LFER study. <i>Monatshefte für Chemie</i> , 2013, 144, 1815-1824.	1.8	2
10	Spectroscopic properties and antimicrobial activity of dioxomolybdenum(VI) complexes with heterocyclic S ₂ S TM -ligands. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 53-66.	0.8	3
11	The 3D-QSAR study of 110 diverse, dual binding, acetylcholinesterase inhibitors based on alignment independent descriptors (GRIND-2). The effects of conformation on predictive power and interpretability of the models. <i>Journal of Molecular Graphics and Modelling</i> , 2012, 38, 194-210.	2.4	18
12	On the choice of optimal conformation in linear free-energy relationships. Reactivity of 2-[(carboxymethyl)sulfanyl]-4-oxo-4-arylbutanoic acids with diphenyldiazomethane. <i>Tetrahedron Letters</i> , 2012, 53, 553-556.	1.4	0
13	Antiproliferative activity of aroylacrylic acids. Structure-activity study based on molecular interaction fields. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3265-3273.	5.5	19
14	Linear free energy relationships of half-wave reduction potentials of (E)-4-aryl-4-oxo-2-butenic acids. <i>Tetrahedron Letters</i> , 2010, 51, 734-738.	1.4	4
15	4-Aryl-4-oxo-N-phenyl-2-aminybutyramides as acetyl- and butyrylcholinesterase inhibitors. Preparation, anticholinesterase activity, docking study, and 3D structure activity relationship based on molecular interaction fields. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1181-1193.	3.0	24
16	An alignment independent 3D QSAR study of the antiproliferative activity of 1,2,4,5-tetraoxanes. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4570-4577.	5.5	18
17	Antiproliferative activity of NCI-DTP glutarimide derivatives. An alignment independent 3D QSAR study. <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 1167-1179.	0.8	4
18	Aryldiketo Acids Have Antibacterial Activity Against MDR <i>Staphylococcus aureus</i> Strains: Structural Insights Based on Similarity and Molecular Interaction Fields. <i>ChemMedChem</i> , 2009, 4, 1971-1975.	3.2	13

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19	Acute Toxicity of Substituted 1 <i>H</i> -pyrazol-4-yl)acetanilides and Related Commercially Available Local Anesthetics Toward Mice. A GRIND/ALMOND-Based QSAR Study. <i>QSAR and Combinatorial Science</i> , 2009, 28, 206-217.	1.4	1
20	Weak intermolecular interactions in 11-chloro-2,3,4,5-tetrahydro-1 <i>H</i> -cyclohepta[b]quinoline. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, o502-o504.	0.4	0
21	Role of complexes formation between drugs and penetration enhancers in transdermal delivery. <i>International Journal of Pharmaceutics</i> , 2008, 363, 40-49.	5.2	29
22	The Effect of Phenyl Substituents on ¹³ C NMR Shifts and Metal Ions Binding to 4-Phenyl-2,4-Dioxobutanoic Acid Derivatives. <i>Letters in Organic Chemistry</i> , 2008, 5, 692-699.	0.5	3
23	An LFER study of the protolytic equilibria of 4-aryl-2,4-dioxobutanoic acids in aqueous solutions. <i>Journal of the Serbian Chemical Society</i> , 2007, 72, 1201-1216.	0.8	16
24	Antiproliferative Activity of ¹² -Hydroxy- ¹² -Arylalkanoic Acids. <i>International Journal of Molecular Sciences</i> , 2007, 8, 214-228.	4.1	7
25	Isothermal kinetics of (E)-4-(4-methoxyphenyl)-4-oxo-2-butenoic acid release from poly(acrylic acid) hydrogel. <i>Thermochimica Acta</i> , 2007, 466, 38-48.	2.7	20
26	A QSAR study of acute toxicity of N-substituted fluoroacetamides to rats. <i>Chemosphere</i> , 2006, 62, 641-649.	8.2	11
27	Synthesis, structure and magnetic properties of the first copper(II) complex with an (E)-4-aryl-4-oxo-2-butenoato ligand. <i>Inorganic Chemistry Communication</i> , 2006, 9, 1173-1177.	3.9	2
28	2-[(Carboxymethyl)sulfanyl]-4-oxo-4-arylbutanoic Acids Suppressed Survival of Neoplastic Human HeLa Cells: A QSAR Study. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 1487-1488.	1.6	0
29	2-[(Carboxymethyl)sulfanyl]-4-oxo-4-arylbutanoic Acids Selectively Suppressed Proliferation of Neoplastic Human HeLa Cells. A SAR/QSAR Study. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 5600-5603.	6.4	11