

Georgi Dobrikov

List of Publications by Year in descending order

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28
papers

292
citations

1040056

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888059

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docs citations

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times ranked

467
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#	ARTICLE	IF	CITATIONS
1	Electronic absorption and emission spectra and computational studies of some 2-aryl, 2-styryl, and 2-(4-aryl)butadienyl quinazolin-4-ones. <i>Computational and Theoretical Chemistry</i> , 2004, 710, 229-234.	1.5	40
2	Tuning the Excited-State Dynamics of GFP-Inspired Imidazolone Derivatives. <i>Journal of Physical Chemistry A</i> , 2010, 114, 10-20.	2.5	39
3	Chiral β^2 - and β^3 -aminoalcohols derived from (+)-camphor and (α^{\sim})-fenchone as catalysts for the enantioselective addition of diethylzinc to benzaldehyde. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1323-1329.	1.8	33
4	Efficient synthesis of new (R)-2-amino-1-butanol derived ureas, thioureas and acylthioureas and in vitro evaluation of their antimycobacterial activity. <i>European Journal of Medicinal Chemistry</i> , 2013, 63, 468-473.	5.5	23
5	Synthesis and in vitro antimycobacterial activity of compounds derived from (R)- and (S)-2-amino-1-butanol – The crucial role of the configuration. <i>European Journal of Medicinal Chemistry</i> , 2012, 48, 45-56.	5.5	19
6	Allosteric Regulation of Phosphatidylinositol 4-Kinase III Beta by an Anticoronavirus Compound MDL-860. <i>ACS Infectious Diseases</i> , 2017, 3, 585-594.	3.8	18
7	Enantiopure antituberculosis candidates synthesized from (α^{\sim})-fenchone. <i>European Journal of Medicinal Chemistry</i> , 2014, 77, 243-247.	5.5	15
8	1,2-Disubstituted Planar Chiral Ferrocene Derivatives from Sulfonamide-Directed <i>ortho</i> -Lithiation: Synthesis, Absolute Configuration, and Chiroptical Properties. <i>Organometallics</i> , 2021, 40, 578-590.	2.3	14
9	Anti-enteroviral triple combination of viral replication inhibitors: activity against coxsackievirus B1 neuroinfection in mice. <i>Antiviral Chemistry and Chemotherapy</i> , 2015, 24, 136-147.	0.6	11
10	The Effect of a Ferrocene Containing Camphor Sulfonamide DK-164 on Breast Cancer Cell Lines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 1874-1886.	1.7	11
11	Anti-enteroviral activity of new MDL-860 analogues: Synthesis, in vitro/in vivo studies and QSAR analysis. <i>Bioorganic Chemistry</i> , 2019, 85, 487-497.	4.1	10
12	Antimycobacterial activity generated by the amide coupling of (α^{\sim})-fenchone derived aminoalcohol with cinnamic acids and analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5030-5033.	2.2	9
13	Synthesis of ferrocenylmethylidene and arylidene substituted camphane based compounds as potential anticancer agents. <i>New Journal of Chemistry</i> , 2017, 41, 9103-9112.	2.8	8
14	Synthesis and anti-enterovirus activity of new analogues of MDL-860. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4540-4543.	2.2	7
15	Functionalized organolithium reagents in the synthesis of chiral ligands for catalytic enantioselective addition of diethylzinc to aldehydes. <i>Polyhedron</i> , 2012, 45, 126-143.	2.2	6
16	Tautomerism as primary signaling mechanism in metal sensing: the case of amide group. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 1898-1906.	2.2	5
17	Azo-hydrazone molecular switches: Synthesis and NMR conformational investigation. <i>Magnetic Resonance in Chemistry</i> , 2021, 59, 1116-1125.	1.9	5
18	Preparation of β^2 -amino-alcohol analogs by the addition of N-, O- and S-containing substituents to ferrocenyl-camphorsulfonamide – ligands for enantioselective addition of diethylzinc to benzaldehyde. <i>Arkivoc</i> , 2009, 2009, 141-152.	0.5	4

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19	In Vitro Anticancer Activity of Two Ferrocene-Containing Camphor Sulfonamides as Promising Agents against Lung Cancer Cells. <i>Biomedicines</i> , 2022, 10, 1353.	3.2	4
20	Synthesis and catalytic application of ferrocene substituted camphane-based aminoalcohols and S-containing heterocyclic analogues. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 852-864.	1.8	3
21	Chiral Aminoalcohols and Squaric Acid Amides as Ligands for Asymmetric Borane Reduction of Ketones: Insight to In Situ Formed Catalytic System by DOSY and Multinuclear NMR Experiments. <i>Molecules</i> , 2021, 26, 6865.	3.8	3
22	Base-promoted direct amidation of esters: beyond the current scope and practical applications. <i>RSC Advances</i> , 2022, 12, 20555-20562.	3.6	3
23	Synthesis and electronic spectra of new low-molecular weight compounds with possible application in electroluminescent layers. <i>Open Chemistry</i> , 2011, 9, 1126-1132.	1.9	1
24	Electrochemical Phenylselenoetherification as a Key Step in the Synthesis of (±)-Curcumene Ether. <i>Helvetica Chimica Acta</i> , 2013, 96, 1103-1110.	1.6	1
25	Noble metal nanoparticles functionalized with novel organic luminophores. , 2009, , .		0
26	Photoelectrical characterization of a new low molecular weight compound. <i>Journal of Physics: Conference Series</i> , 2014, 558, 012064.	0.4	0
27	Screening of compounds containing aminobutanol and camphane moieties against <i>Mycobacterium tuberculosis</i> clinical isolates of different genotypes. <i>International Journal of Mycobacteriology</i> , 2021, 9, 14.	0.6	0
28	Synthesis, Characterization and Complex Evaluation of Antibacterial Activity and Cytotoxicity of New Arylmethylidene Ketones and Pyrimidines with Camphane Skeletons. <i>ChemistrySelect</i> , 2022, 7, .	1.5	0