

Lilya U Dzhemileva

List of Publications by Year in descending order

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65
papers

728
citations

623734

14
h-index

642732

23
g-index

65
all docs

65
docs citations

65
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	The facile synthesis of the 5Z,9Z-dienoic acids and their topoisomerase I inhibitory activity. <i>Chemical Communications</i> , 2013, 49, 8401.	4.1	53
2	Autosomal recessive deafness 1A (DFNB1A) in Yakut population isolate in Eastern Siberia: extensive accumulation of the splice site mutation IVS1+1G>A in GJB2 gene as a result of founder effect. <i>Journal of Human Genetics</i> , 2011, 56, 631-639.	2.3	40
3	Stereoselective synthesis of 11-phenylundeca-5Z,9Z-dienoic acid and investigation of its human topoisomerase I and III \pm inhibitory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2405-2408.	2.2	35
4	Advances in the Chemistry of Natural and Semisynthetic Topoisomerase I/II Inhibitors. <i>Studies in Natural Products Chemistry</i> , 2017, 54, 21-86.	1.8	34
5	nZ,(n \hat{A} + \hat{A} 4)Z-Dienoic fatty acids: a new method for the synthesis and inhibitory action on topoisomerase I and III \pm . <i>Medicinal Chemistry Research</i> , 2016, 25, 30-39.	2.4	33
6	Carrier frequency of GJB2 gene mutations c.35delG, c.235delC and c.167delT among the populations of Eurasia. <i>Journal of Human Genetics</i> , 2010, 55, 749-754.	2.3	30
7	Cobalt-Catalyzed [6 + 2] Cycloaddition of Alkynes with 1,3,5,7-Cyclooctatetraene as a Key Element in the Direct Construction of Substituted Bicyclo[4.3.1]decanes. <i>Journal of Organic Chemistry</i> , 2017, 82, 471-480.	3.2	28
8	Comparison of Predictive <i>In Silico</i> Tools on Missense Variants in <i>GJB2</i> , <i>GJB6</i> , and <i>GJB3</i> Genes Associated with Autosomal Recessive Deafness 1A (DFNB1A). <i>Scientific World Journal</i> , The, 2019, 2019, 1-9.	2.1	26
9	Catalytic cyclometallation in steroid chemistry III Steroids 78 (12 \hat{A} –13) (2013) 1298 \hat{A} –1303 (http://dx.doi.org/10.1016/j.steroids.2013.09.007).1: Synthesis of steroidal derivatives of 5Z,9Z-dienoic acid and investigation of its human topoisomerase I inhibitory activity. <i>Steroids</i> , 2015, 102, 110-117.	1.8	24
10	Synthesis and anticancer activity novel dimeric azatriperoxides. <i>RSC Advances</i> , 2019, 9, 18923-18929.	3.6	22
11	Spectrum and Frequency of the GJB2 Gene Pathogenic Variants in a Large Cohort of Patients with Hearing Impairment Living in a Subarctic Region of Russia (the Sakha Republic). <i>PLoS ONE</i> , 2016, 11, e0156300.	2.5	21
12	The first total synthesis of the marine acetylenic alcohol, lembehyne B \hat{A} a selective inducer of early apoptosis in leukemia cancer cells. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 470-476.	2.8	19
13	Short Route to the Total Synthesis of Natural Muricadienin and Investigation of Its Cytotoxic Properties. <i>Journal of Natural Products</i> , 2016, 79, 2039-2044.	3.0	16
14	Total Synthesis of Natural Lembehyne C and Investigation of Its Cytotoxic Properties. <i>Journal of Natural Products</i> , 2020, 83, 2399-2409.	3.0	15
15	Synthesis of new <i>N</i> , <i>N</i> - \hat{A} ² -Pd(Pt) complexes based on sulfanyl pyrazoles, and investigation of their <i>in vitro</i> anticancer activity. <i>RSC Advances</i> , 2020, 10, 15116-15123.	3.6	15
16	Targeted synthesis of macrodiolides containing bis-methylene-separated Z-double bonds and their antitumor activity <i>in vitro</i> . <i>Tetrahedron</i> , 2018, 74, 4606-4612.	1.9	14
17	The Synthesis of Bicyclo[4.2.1]nona-2,4,7-trienes by [6 \hat{I} + 2 \hat{I}]-Cycloaddition of 1-Substituted 1,3,5-Cycloheptatrienes Catalyzed by Titanium and Cobalt Complexes. <i>Journal of Organic Chemistry</i> , 2019, 84, 9058-9066.	3.2	14
18	New synthesis of tetraoxaspirododecane-diamines and tetraoxazaspirobicycloalkanes. <i>RSC Advances</i> , 2019, 9, 29949-29958.	3.6	14

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19	11-Phenylundeca-5Z,9Z-dienoic Acid: Stereoselective Synthesis and Dual Topoisomerase I/II \pm Inhibition. <i>Current Cancer Drug Targets</i> , 2015, 15, 504-510.	1.6	14
20	The first total synthesis of lembehyne B. <i>Mendeleev Communications</i> , 2017, 27, 122-124.	1.6	13
21	Catalytic cyclometallation in steroid chemistry V: Synthesis of hybrid molecules based on steroid oximes and (5Z,9Z)-tetradeca-5,9-dienedioic acid as potential anticancer agents. <i>Steroids</i> , 2018, 138, 14-20.	1.8	13
22	Synthesis of New Dihydroquinopimaric Acid Analogs with Nitrile Groups as Apoptosis-Inducing Anticancer Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 1172-1183.	1.7	13
23	Catalytic cyclometallation in steroid chemistry VI: Targeted synthesis of hybrid molecules based on steroids and tetradeca-5Z,9Z-diene-1,14-dicarboxylic acid and study of their antitumor activity. <i>Steroids</i> , 2018, 138, 6-13.	1.8	12
24	Natural compounds with bis-methylene-interrupted Z-double bonds: plant sources, strategies of total synthesis, biological activity, and perspectives. <i>Phytochemistry Reviews</i> , 2021, 20, 325-342.	6.5	12
25	Natural Trienoic Acids as Anticancer Agents: First Stereoselective Synthesis, Cell Cycle Analysis, Induction of Apoptosis, Cell Signaling and Mitochondrial Targeting Studies. <i>Cancers</i> , 2021, 13, 1808.	3.7	12
26	First Example of Catalytic Synthesis of Difurazano-hexahydrohexaazapyrenes and <i>in Vitro</i> Study of Their Antitumor Activity. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 378-382.	2.8	11
27	New 1Z,5Z-diene macrodiolides: Catalytic synthesis, anticancer activity, induction of mitochondrial apoptosis, and effect on the cell cycle. <i>Bioorganic Chemistry</i> , 2020, 99, 103832.	4.1	11
28	Synthesis, structure, and antitumor activity of 2,9-disubstituted perhydro-2,3a,7b,9,10a,14b-hexaazadibenzotetracenes. <i>RSC Advances</i> , 2020, 10, 21039-21048.	3.6	10
29	Catalytic synthesis of benzannelated macrocyclic di- and triperoxides based on phenols. <i>New Journal of Chemistry</i> , 2021, 45, 2069-2077.	2.8	10
30	Diversity-oriented synthesis of spirothiazolidinediones and their biological evaluation. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2774-2781.	2.2	9
31	New synthetic analogues of natural 5Z,9Z-dienoic acids: Stereoselective synthesis and study of the anticancer activity. <i>Bioorganic Chemistry</i> , 2020, 104, 104303.	4.1	9
32	New 1,3-Diynoic Derivatives of Natural Lembehynone B: Stereoselective Synthesis, Anticancer, and Neurotogenic Activity. <i>ACS Omega</i> , 2020, 5, 1974-1981.	3.5	9
33	A novel pathogenic variant c.975G>A (p.Trp325*) in the POU3F4 gene in Yakut family (Eastern Siberia,) <i>Tj ETQq1 1 0.784314 rgBT</i> 2018, 104, 94-97.	1.0	8
34	Stereoselective synthesis and antitumor activity of macrodiolides containing 1Z,5Z-diene and 1,3-diyne moieties. <i>Mendeleev Communications</i> , 2019, 29, 613-615.	1.6	8
35	Targeted Synthesis of 9-azabicyclo[4.2.1]nona-2,4,7-trienes by Cobalt(I)-catalyzed [6 π +2 π] Cycloaddition of Alkynes to N-Substituted Azepines and Their Antitumor Activity. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 623-626.	2.4	8
36	Synthesis of Functionally Substituted Bicyclo[4.2.1]nona-2,4-dienes and Bicyclo[4.2.1]nona-2,4,7-trienes by Cobalt(I)-catalyzed [6 π +2 π] Cycloaddition of 2-Tropylcyclohexanone. <i>ACS Omega</i> , 2020, 5, 31440-31449.	3.5	7

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37	Building bio-Profiles for common catalytic reactions. <i>Green Chemistry</i> , 2021, 23, 6373-6391.	9.0	7
38	Total Synthesis of Neuritogenic Alkynes: Lembehyne B and Key Intermediate of Lembehyne A. <i>ChemistrySelect</i> , 2017, 2, 1211-1213.	1.5	6
39	Oxidative skeletal rearrangement of bicyclo[4.2.2]deca-2,4,7,9-tetraenes to bicyclo[4.3.1]deca-2,4,8-triene-7,10-diols and study of the antitumor activity of the products in vitro. <i>Tetrahedron</i> , 2018, 74, 4071-4077.	1.9	6
40	Synthesis of New Cu Complex Based on Natural 5 <i>Z</i> ,9 <i>Z</i> -Eicosadienoic Acid: Effective Topoisomerase I Inhibitor and Cytotoxin against the Cisplatin-Resistant Cell Line. <i>ACS Omega</i> , 2019, 4, 17581-17587.	3.5	6
41	Synthesis of new alkynyl containing 9-azabicyclo[4.2.1]nonatrienes from diynes and azepines. <i>Mendeleev Communications</i> , 2020, 30, 318-319.	1.6	6
42	Novel Hybrid Molecules on the Basis of Steroids and (5 <i>Z</i> ,9 <i>Z</i>)-Tetradeca-5,9-dienoic Acid: Synthesis, Anti-Cancer Studies and Human Topoisomerase I Inhibitory Activity. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1126-1135.	1.7	6
43	Comparative assessment of heterogeneous and homogeneous Suzuki-Miyaura catalytic reactions using bio-Profiles and bio-Factors. <i>Journal of Organometallic Chemistry</i> , 2022, 965-966, 122319.	1.8	6
44	Synthesis of C60 Fullerene-Quadracyclane Hybrid Compound and Its Preliminary In Vitro Antitumor Activity in Combination with Cisplatin. <i>ACS Omega</i> , 2019, 4, 15929-15934.	3.5	5
45	Cobalt(I)-catalyzed [6+2]-cycloaddition of allenes to N-carbethoxy(phenoxy)azepines for the synthesis of 9-azabicyclo[4.2.1]nona-2,4-dienes. <i>Tetrahedron</i> , 2020, 76, 130996.	1.9	5
46	Hybrid molecules based on fullerene C60 and 5 <i>Z</i> ,9 <i>Z</i> -dienoic acids: Synthesis and cytotoxic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127289.	2.2	5
47	Hybrid Molecules Based on C 60 Fullerene and 5 <i>Z</i> ,9 <i>Z</i> -Dienoic Acids: Synthesis and Cytotoxic Activity. <i>ChemistrySelect</i> , 2019, 4, 12897-12901.	1.5	4
48	Synthesis and Anticancer Activity of Hybrid Molecules Based on Lithocholic and (5 <i>Z</i> ,9 <i>Z</i>)-Tetradeca-5,9-dienedioic Acids Linked via Mono(di,tri,tetra)ethylene Glycol and β -Diaminoalkane Units. <i>Pharmaceuticals</i> , 2021, 14, 84.	3.8	4
49	Direct Synthesis of Polyaromatic Cyclophanes Containing Bis-Methylene-Interrupted Z-Double Bonds and Study of Their Antitumor Activity In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8787.	4.1	4
50	Age-Related Hearing Impairment (ARHI) Associated with GJB2 Single Mutation IVS1+1G>A in the Yakut Population Isolate in Eastern Siberia. <i>PLoS ONE</i> , 2014, 9, e100848.	2.5	4
51	Synthesis and antitumor activity of methanofullerenes equipped with norbornadiene and quadracyclane moieties. <i>Mendeleev Communications</i> , 2020, 30, 150-152.	1.6	3
52	Opinions of hearing parents about the causes of hearing impairment of their children with biallelic GJB2 mutations. <i>Journal of Community Genetics</i> , 2017, 8, 167-171.	1.2	2
53	Reactions of functionally substituted bicyclo[4.2.2]deca-2,4,7,9-tetraenes with m-chloroperbenzoic acid and in vitro evaluation Of Product Cytotoxicity against tumor cells. <i>Mendeleev Communications</i> , 2019, 29, 517-519.	1.6	2
54	Synthesis and cytotoxic activity of new annulated furazan derivatives. <i>Mendeleev Communications</i> , 2021, 31, 362-364.	1.6	2

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55	Synthesis and Antitumor Activity Assay of Epoxy Bicyclo[4.2.2]deca-2,4,7,(9)-tri(tetra)enes and Tricyclo[9.4.2.02,10]heptadeca-2,12,14,16-tetraene. <i>Current Organic Chemistry</i> , 2019, 23, 1158-1165.	1.6	1
56	Synthesis, crystal structure, and <i>in vitro</i> evaluation of the anticancer activity of new Pt (Pd) complexes with 1-[(dimethylamino)methyl]-2-naphthol ligand. <i>Metallomics</i> , 2021, 13, .	2.4	1
57	Synthesis of 1,4,2,6-dithiadiazinane 1,1-dioxide and study of its cytotoxic activity. <i>Mendeleev Communications</i> , 2022, 32, 178-179.	1.6	1
58	Synthesis and cytotoxic activity of unsaturated macrolides and their hybrid molecules with a C60 fullerene. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1847-1853.	2.8	0
59	Synthesis and cytotoxic activity of new annulated furazan derivatives. <i>Mendeleev Communications</i> , 2021, 31, 362-364.	1.6	0
60	Synthesis of New Functionally Substituted Bicyclo[4.2.1]nona-2,4,7-trienes by Co(I)-Catalyzed [6 π + 2 π] Cycloaddition of 1-Benzoylcycloheptatriene. , 2021, 8, .		0
61	An Original Method for the Synthesis of Partially Deuterated Natural Lembehyne B and the Study of Its Biological Activity. , 2021, 8, .		0
62	An Original Method for the Synthesis and Study of the Biological Activity of Natural Lembehyne B Aromatic Analogs. , 2021, 8, .		0
63	Targeted Synthesis and Antitumor Activity In Vitro Macrolides Containing 1Z,5Z-Diene and 1,3-Diyne Moieties. , 2021, 8, .		0
64	Co(I)-Catalyzed [4 π + 2 π] Cycloaddition of 1,2-Dienes to 1,3,5-Cyclooctatriene in the Synthesis of Previously Undescribed Tricyclo[4.2.2.02,5]Decenes. , 2021, 8, .		0
65	Stereoselective Synthesis and Cytotoxic Activity of Aromatic Polyether Macrolides Containing 1Z,5Z-Diene Moiety. , 0, .		0