

# Liliya V Frolova

## List of Publications by Year in descending order

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35  
papers

681  
citations

567144

15  
h-index

552653

26  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1180  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicomponent synthesis of 2,3-dihydrochromeno[4,3-d]pyrazolo[3,4-b]pyridine-1,6-diones: a novel heterocyclic scaffold with antibacterial activity. <i>Tetrahedron Letters</i> , 2011, 52, 6643-6645.	0.7	91
2	One-Pot Multicomponent Synthesis of Diversely Substituted 2-Aminopyrroles. A Short General Synthesis of Rigidins A, B, C, and D. <i>Organic Letters</i> , 2011, 13, 1118-1121.	2.4	73
3	Anticancer Properties of an Important Drug Lead Podophyllotoxin Can Be Efficiently Mimicked by Diverse Heterocyclic Scaffolds Accessible via One-Step Synthesis. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 4234-4246.	2.9	60
4	In search of a cytostatic agent derived from the alkaloid lycorine: Synthesis and growth inhibitory properties of lycorine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 7252-7261.	1.4	49
5	Activity of 2-Aryl-2-(3-indolyl)acetoxyacetates against Drug-Resistant Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2206-2220.	2.9	46
6	Exploring Natural Product Chemistry and Biology with Multicomponent Reactions. 5. Discovery of a Novel Tubulin-Targeting Scaffold Derived from the Rigidin Family of Marine Alkaloids. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6886-6900.	2.9	45
7	Unprecedented C-2 arylation of indole with diazonium salts: Syntheses of 2,3-disubstituted indoles and their antimicrobial activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4720-4723.	1.0	41
8	Synthetic and Biological Studies of Tubulin Targeting C2-Substituted 7-Deazahypoxanthines Derived from Marine Alkaloid Rigidins. <i>ChemMedChem</i> , 2014, 9, 1428-1435.	1.6	29
9	Surface-modified three-dimensional graphene nanosheets as a stationary phase for chromatographic separation of chiral drugs. <i>Scientific Reports</i> , 2018, 8, 14747.	1.6	28
10	Jonquiline, a new pretazettine-type alkaloid isolated from <i>Narcissus jonquilla</i> quail, with activity against drug-resistant cancer. <i>FASEB J</i> , 2015, 102, 41-48.	1.1	23
11	Synthetic and Biological Studies of Sesquiterpene Polygodial: Activity of 9-Epipolygodial against Drug-Resistant Cancer Cells. <i>ChemMedChem</i> , 2015, 10, 2014-2026.	1.6	22
12	Tetracyanoethylene oxide-functionalized graphene and graphite characterized by Raman and Auger spectroscopy. <i>Carbon</i> , 2015, 81, 216-222.	5.4	20
13	Novel Microtubule-Targeting 7-Deazahypoxanthines Derived from Marine Alkaloid Rigidins with Potent in Vitro and in Vivo Anticancer Activities. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 480-485.	2.9	17
14	Wittig derivatization of sesquiterpenoid polygodial leads to cytostatic agents with activity against drug resistant cancer cells and capable of pyrrolylation of primary amines. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 226-237.	2.6	16
15	5,10b-Ethanophenanthridine amaryllidaceae alkaloids inspire the discovery of novel bicyclic ring systems with activity against drug resistant cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2016, 120, 313-328.	2.6	16
16	Photoactivated 2,3-distyrylindoles kill multi-drug resistant bacteria. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1879-1886.	1.0	13
17	Phospholipid prodrug conjugates of insoluble chemotherapeutic agents for ultrasound targeted drug delivery. <i>Nanotheranostics</i> , 2020, 4, 40-56.	2.7	12
18	New method for the synthesis of ammonium salts of O,O'-alkylenedithiophosphoric acid and octathiotetraphosphetane. Crystal structure features's of diethylammonium salt of O,O'-propylenedithiophosphoric acid. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 405-410.	0.8	11

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19	Antiproliferative activity of 2,3-disubstituted indoles toward apoptosis-resistant cancers cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3277-3282.	1.0	9
20	Green Chemistry. Reaction of Elemental Phosphorus ( $P_4$ ) and Elemental Sulfur with Protonodonor Reagents: New Methods for the Synthesis of Ammonium Salts of Dialkyltetrathiophosphoric Acids and Octathiotetraphosphetane. <i>Heteroatom Chemistry</i> , 2013, 24, 163-167.	0.4	8
21	Desymmetrization of Cyclopropenes via the Potassium-Templated Diastereoselective 7-exo-trig Cycloaddition of Tethered Amino Alcohols toward Enantiopure Cyclopropane-Fused Oxazepanones with Antimycobacterial Activity. <i>Journal of Organic Chemistry</i> , 2018, 83, 5650-5664.	1.7	8
22	Metal-Templated Assembly of Cyclopropane-Fused Diazepanones and Diazecanones via exo-trig Nucleophilic Cyclization of Cyclopropenes with Tethered Carbamates. <i>Journal of Organic Chemistry</i> , 2018, 83, 13743-13753.	1.7	8
23	Reengineered epipodophyllotoxin. <i>Chemical Communications</i> , 2012, 48, 10416.	2.2	7
24	Lipophilic prodrug conjugates allow facile and rapid synthesis of high-loading capacity liposomes without the need for post-assembly purification. <i>Journal of Liposome Research</i> , 2015, 25, 232-260.	1.5	7
25	The Rigidins: Isolation, Bioactivity, and Total Synthesis—Novel Pyrrolo[2,3-d]Pyrimidine Analogues Using Multicomponent Reactions. <i>The Alkaloids Chemistry and Biology</i> , 2018, 79, 191-220.	0.8	5
26	Microtubule Targeting 7-Deazahypoxanthines Derived from Marine Alkaloid Rigidins: Exploration of the N3 and N9 Positions and Interaction with Multidrug Resistance Proteins. <i>ChemMedChem</i> , 2019, 14, 322-333.	1.6	5
27	Synergistic action of substituted indole derivatives and clinically used antibiotics against drug-resistant bacteria. <i>Future Microbiology</i> , 2020, 15, 579-590.	1.0	5
28	Synthesis of Organophosphorus Compounds in Terms of Elemental Phosphorus, Sulfur and their Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999, 144, 77-80.	0.8	3
29	Reactions of Thiol Derivatives of Acids of Trivalent Phosphorus with Transition Metal Halides.. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996, 109, 181-184.	0.8	1
30	Synthesis and Some Properties of Transition Metal Complexes Based on the Octathiothiophetane Ammonium Salts. <i>Heteroatom Chemistry</i> , 2014, 25, 434-441.	0.4	1
31	Spectroscopic Study of a Photoactive Antibacterial Agent: 2,3-Distyrylindole. <i>Journal of Physical Chemistry A</i> , 2018, 122, 937-945.	1.1	1
32	Photo-physical properties of substituted 2,3-distyryl indoles: Spectroscopic, computational and biological insights. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 376, 73-79.	2.0	1
33	On the Reaction of Triphenyltrithiophosphites with Copper (I) and Copper(II) Halides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996, 111, 45-45.	0.8	0
34	New Sulfur and Phosphorus Containing Metal Complexes on the Basis of Trithiophosphites. Synthesis and Properties. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1997, 120, 373-375.	0.8	0
35	On the Reactions of Trithiophosphites with Alcohols in the Presence of Transition Metal Halides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999, 147, 17-17.	0.8	0