Roman Lesyk

List of Publications by Year
in descending order

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178 papers	4,404 citations	101496 36 h-index	128225 60 g-index
195 all docs	195 docs citations	195 times ranked	3812 citing authors

#	Article	IF	Citations
1	Molecular Design, Synthesis, and Properties of Surface-Active Comb-Like PEG-Containing Polymers and Derived Supramolecular Structures for Drug Delivery. , 2022, , 17-57.		1
2	Evaluation of Anticancer and Antibacterial Activity of Four 4-Thiazolidinone-Based Derivatives. Molecules, 2022, 27, 894.	1.7	15
3	2,2-Dichloro-N-[5-[2-[3-(4-methoxyphenyl)-5-phenyl-3,4-dihydro-2H-pyrazol-2-yl]-2-oxoethyl]sulfanyl-1,3,4-thiadiazol-2-yl]acetamide. MolBank, 2022, 2022, M1328.	0.2	2
4	Synthesis and structure elucidation of thiopyrano[2,3-d]thiazole-6-carbonitriles as adducts of Michael reaction. Journal of Molecular Structure, 2022, 1256, 132574.	1.8	2
5	2-{5-[(Z,2Z)-2-Chloro-3-(4-nitrophenyl)-2-propenylidene]-4-oxo-2-thioxothiazolidin-3-yl}-3-methylbutanoic Acid as a Potential Anti-Breast Cancer Molecule. International Journal of Molecular Sciences, 2022, 23, 4091.	1.8	6
6	Compounding in Ukraine: Assessment of the Risks for the Ointmentâ€™s Quality by the FMECA Method. Scientia Pharmaceutica, 2022, 90, 25.	0.7	0
7	Novel hybrid pyrrolidinedione-thiazolidinones as potential anticancer agents: Synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2022, 238, 114422.	2.6	18
8	An overview on 1,2,4-triazole and 1,3,4-thiadiazole derivatives as potential anesthesic and anti-inflammatory agents. ScienceRise: Pharmaceutical Science, 2022, , 10-17.	0.1	2
9	The synthesis and the anticonvulsant activity screening of new 5-substituted 2-imino-4-thiazolidinone derivatives. Journal of Organic and Pharmaceutical Chemistry, 2022, 20, 12-20.	0.0	1
10	3-(2-Diisopropylaminoethyl)-5-(4-methoxybenzylidene)thiazolidine-2,4-dione. MolBank, 2022, 2022, M1394.	0.2	0
11	Synthesis, structure and evaluation of anticancer activity of 4-amino-1,3-thiazolinone/pyrazoline hybrids. Journal of Molecular Structure, 2021, 1224, 129059.	1.8	11
12	5â€Arylideneâ€2â€(4â€hydroxyphenyl)aminothiazolâ€4(5 H)â€ones with selective inhibitory activity against some leukemia cell lines. Archiv Der Pharmazie, 2021, 354, 2000342.	2.1	5
13	Hematoxylin binds to mutant calreticulin and disrupts its abnormal interaction with thrombopoietin receptor. Blood, 2021, 137, 1920-1931.	0.6	6
14	Induction of Cyp450 enzymes by 4-thiazolidinone-based derivatives in 3T3-L1 cells in vitro. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 915-927.	1.4	5
15	The novel pyrazolin-5-one bearing thiazolidin-4-ones: synthesis, characterization and biological evaluation. Biopolymers and Cell, 2021, 37, 46-61.	0.1	4
16	Synthesis, Characterization and In Vitro Evaluation of Novel 5-Ene-thiazolo[3,2-b][1,2,4]triazole-6(5H)-ones as Possible Anticancer Agents. Molecules, 2021, 26, 1162.	1.7	17
17	Cell immunity of laboratory animals under the influence of 5-indolylmethylene rhodanine-3-carboxylic/sulphonic acid derivative. ScienceRise: Pharmaceutical Science, 2021, , 76-81.	0.1	0
18	Synthesis and Biological Activity Evaluation of Polyfunctionalized Anthraquinonehydrazones. Letters in Drug Design and Discovery, 2021, 18, 199-209.	0.4	7

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19	Synthesis and evaluation of the anticancer activity of some semisynthetic derivatives of rutaecarpine and evodiamine. Synthetic Communications, 2021, 51, 3237-3245.	1.1	5
20	Anti-inflammatory hydrogen sulfide-releasing agents with reduced gastro- and enterotoxicity on the stress model in rats. Minerva Biotechnology and Biomolecular Research, 2021, 33, .	0.3	1
21	Synthesis and Anticancer Activity Evaluation of 5-[2-Chloro-3-(4-nitrophenyl)-2-propenylidene]-4-thiazolidinones. Molecules, 2021, 26, 3057.	1.7	14
22	In silico identification and biochemical validation of plausible molecular targets of 4-thiazolidinone derivative Les-3833 as a potential anticancer agent. Ukrainian Biochemical Journal, 2021, 93, 7-22.	0.1	2
23	N-(3-Cyano-4,5,6,7-tetrahydrobenzothiophen-2-yl)-2-[[5-[(1,5-dimethyl-3-oxo-2-phenylpyrazol-4-yl)amino]-1,3,4-thiadiazol-2-yl]sulfany[a MolBank, 2021, 2021, M1211.	0.2	4
24	Evaluation of Anticonvulsant Activity of Dual COX-2/5-LOX Inhibitor Darbufelon and Its Novel Analogues. Scientia Pharmaceutica, 2021, 89, 22.	0.7	5
25	Autophagy Modulators in Cancer Therapy. International Journal of Molecular Sciences, 2021, 22, 5804.	1.8	37
26	4-thiazolidinone-based derivatives rosiglitazone and pioglitazone affect the expression of antioxidant enzymes in different human cell lines. Biomedicine and Pharmacotherapy, 2021, 139, 111684.	2.5	8
27	Synthesis, Antibacterial and Antifungal Activity of New 3-Aryl-5H-pyrrolo[1,2-a]imidazole and 5H-Imidazo[1,2-a]azepine Quaternary Salts. Molecules, 2021, 26, 4253.	1.7	12
28	4-Thiazolidinone-based derivatives do not affect differentiation of mouse embryo fibroblasts (3T3-L1) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	4
29	5-[4-(tert-Butyl)cyclohexylidene]-2-thioxothiazolidin-4-one. MolBank, 2021, 2021, M1281.	0.2	1
30	Characterization of Phytochemical Components of Crocus sativus Leaves: A New Attractive By-Product. Scientia Pharmaceutica, 2021, 89, 28.	0.7	11
31	Psychotropic properties of a potential anticonvulsant of 5-[(Z)-(4-nitrobenzylidene)]-2-(thiazol-2-ylimino)-4-thiazolidinone. News of Pharmacy, 2021, , 96-103.	0.1	1
32	Synthesis of novel indole-thiazolidinone hybrid structures as promising scaffold with anticancer potential. Bioorganic and Medicinal Chemistry, 2021, 50, 116453.	1.4	21
33	Synthesis and Biological Activity Evaluation of Novel 5-Methyl-7-phenyl-3H-thiazolo[4,5-b]pyridin-2-ones. Scientia Pharmaceutica, 2021, 89, 52.	0.7	1
34	Synthesis and evaluation of biological activity of 1-[2-amino-4-methylthiazol-5-yl]-3-arylpropenones. Biopolymers and Cell, 2021, 37, 389-399.	0.1	2
35	Indicators of mineral metabolism and dental status of young rats born from female with methionine-induced hyperhomocysteinemia. Ukrainian Biochemical Journal, 2021, 93, 93-100.	0.1	0
36	Assessing different thiazolidine and thiazole based compounds as antileishmanial scaffolds. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127616.	1.0	22

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37	Study of 1,3-dipolar cycloaddition of amino-acid azomethines and Juglone. Synthetic Communications, 2020, 50, 3165-3173.	1.1	2
38	Microcredits for Sustainable Development of Small Ukrainian Enterprises: Efficiency, Accessibility, and Government Contribution. Sustainability, 2020, 12, 6184.	1.6	28
39	Synthesis, antibacterial and antifungal activity of new 3-biphenyl-3H-Imidazo[1,2-a]azepin-1-ium bromides. European Journal of Medicinal Chemistry, 2020, 201, 112477.	2.6	7
40	Synthesis of new structurally diverse thiazolidinone-derived compounds based on reaction of isorhodanine with ortho-substituted aldehydes, Î±-keto- and Î²-aroylacrylic acids. Journal of Molecular Structure, 2020, 1217, 128448.	1.8	4
41	Thiazole-Bearing 4-Thiazolidinones as New Anticonvulsant Agents. Scientia Pharmaceutica, 2020, 88, 16.	0.7	50
42	Pharmacies for the Pharmacistsâ€"Ukrainian Fears and Polish Experiences. Scientia Pharmaceutica, 2020, 88, 7.	0.7	2
43	Synthesis and anticancer activity evaluation of 3-(4-oxo-2-thioxothiazolidin-5-yl)-1H-indole-carboxylic acids derivatives. Synthetic Communications, 2020, 50, 2830-2838.	1.1	14
44	Comparative Investigation of Amino Acids Content in the Dry Extracts of Juno bucharica, Gladiolus Hybrid Zefir, Iris Hungarica, Iris Variegata and Crocus Sativus Raw Materials of Ukrainian Flora. Scientia Pharmaceutica, 2020, 88, 8.	0.7	17
45	Synthesis and biological activity evaluation of new thiazolidinone-diclofenac hybrid molecules. Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 836-841.	0.8	12
46	Biodistribution and Anticancer Characteristics of Les-3833, A Novel 4-thiazolidinone-Based Lead Compound. Scientia Pharmaceutica, 2020, 88, 18.	0.7	4
47	Morphology of the Micelles Formed by a Comb-Like PEG-Containing Copolymer Loaded with Antitumor Substances with Different Water Solubilities. Ukrainian Journal of Physics, 2020, 65, 670.	0.1	10
48	Drug design: 4-thiazolidinones applications. Part 1. Synthetic routes to the drug-like molecules. Journal of Medical Science, 2020, 89, e406.	0.2	11
49	Drug design: 4-thiazolidinones applications. Part 2. Pharmacological profiles. Journal of Medical Science, 2020, 89, e407.	0.2	13
50	Synthesis of indoline-thiazolidinone hybrids with antibacterial and antifungal activities. Biopolymers and Cell, 2020, 36, 381-391.	0.1	9
51	Synthesis and evaluation of biological activity of rhodanine-pyrazoline hybrid molecules with 2-(2,6-dichlorophenylamino)-phenylacetamide fragment. Biopolymers and Cell, 2020, 36, 133-145.	0.1	4
52	Regioselective IED Diels-Alder Reaction of Bis-(4,6-dichloro-[1,3,5]triazin- 2-yl)-diazene with Furan and Its Molecular Mechanism. Letters in Organic Chemistry, 2020, 17, 639-644.	0.2	0
53	Screening study of new thiazolidinone derivatives for anticonvulsant activity. ZaporoÅ¾skij Medicinskij Å½urnal, 2020, .	0.0	1
54	Preliminary evaluation of thiazolidinone- and pyrazoline-related heterocyclic derivatives as potential antimalarial agents. Biopolymers and Cell, 2020, 36, 47-59.	0.1	8

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55	Synthesis and biological activity of new rhodanine-triazole conjugates with 2-(2,6-dichlorophenylamino)benzyl moiety in the molecules. AktualÊ¹nÃ¬ PitannÃ¢ FarmacevtiÄnoÃ¯ Ã¬ MediÄnoÃ¯ Nauki Ta Praktiki, 2020, .	0.0	0
56	Study of 1,2,4-triazole-3(5)-thiol Behavior in Reactions with 1-phenyl-1H-pyrrole-2,5-dione Derivatives and 3-bromodihydrofuran-2(3H)-one and Antimicrobial Activity of Products. Chemistry Proceedings, 2020, 3, .	0.1	3
57	Anticancer properties of 5Z-(4-fluorobenzylidene)-2-(4-hydroxyphenylamino)-thiazol-4-one. Scientific Reports, 2019, 9, 10609.	1.6	17
58	Enhanced Proapoptotic Effects of Water Dispersed Complexes of 4-Thiazolidinone-Based Chemotherapeutics with a PEG-Containing Polymeric Nanocarrier. Nanoscale Research Letters, 2019, 14, 140.	3.1	10
59	Synthesis of 5-enamine-4-thiazolidinone derivatives with trypanocidal and anticancer activity. Bioorganic Chemistry, 2019, 86, 126-136.	2.0	38
60	Synthesis and cytotoxicity of new 2-oxo-7-phenyl-2,3-dihydrothiazolo[4,5-b]pyridine-5-carboxylic acid amides. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 1149-1157.	0.8	4
61	Thiazolidinone/thiazole based hybrids â€“ New class of antitrypanosomal agents. European Journal of Medicinal Chemistry, 2019, 174, 292-308.	2.6	44
62	Targeting of the pro-oxidant-antioxidant balance in vitro and in vivo by 4-thiazolidinone-based chemotherapeutics with anticancer potential. Ukrainian Biochemical Journal, 2019, 91, 7-17.	0.1	6
63	Changes in Energy Consumption, Economic Growth and Aspirations for Energy Independence: Sectoral Analysis of Uses of Natural Gas in Ukrainian Economy. Energies, 2019, 12, 4724.	1.6	39
64	Use of lectins as vector molecules for delivery of drugs to cells and tissues. Report 2.. Biopolymers and Cell, 2019, 35, 54-63.	0.1	1
65	Features of antimicrobial activity of some 5-aminomethylene-2-thioxo-4-thiazolidinones. Biopolymers and Cell, 2019, 35, 371-380.	0.1	6
66	Synthesis and in vivo evaluation of pyrazoline-thiazolidin-4-one hybrid Les-5581 as a potential non-steroidal anti-inflammatory agent. Biopolymers and Cell, 2019, 35, 437-447.	0.1	9
67	Recycling of expired paracetamol-containing drugs as source of useful reagents for an organic synthesis. Journal of Applied Pharmaceutical Science, 2019, 9, 52-56.	0.7	1
68	Design and development of new thiazolidinone-based drug-like molecules. Biopolymers and Cell, 2019, 35, 222-222.	0.1	2
69	Amineâ€“imine proton tautomerism in isomeric 2-phenylamino-1,3-thiazol-4(5H)- and 4-phenylamino-1,3-thiazol-2(5H)-one derivatives. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e665-e665.	0.0	0
70	The application of anthraquinone-based triazenes as equivalents of diazonium salts in reaction with methylene active compounds. Phosphorus, Sulfur and Silicon and the Related Elements, 2018, 193, 409-414.	0.8	8
71	Synthesis and cytotoxicity of new thiazolo[4,5-b]pyridine-2(3H)-one derivatives based on Î±,Î²-unsaturated ketones and Î±-ketoacids. Chemical Papers, 2018, 72, 669-681.	1.0	24
72	Development of Predictive QSAR Models of 4â€Thiazolidinones Antitrypanosomal Activity Using Modern Machine Learning Algorithms. Molecular Informatics, 2018, 37, e1700078.	1.4	13

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73	Evaluation of the Adaptability of the Ukrainian Economy to Changes in Prices for Energy Carriers and to Energy Market Risks. Energies, 2018, 11, 3529.	1.6	35
74	Synthesis of 4-(2H-[1,2,4]-Triazol-5-ylsulfanyl)-1,2-dihydropyrazol-3-one via Ring-Switching Hydrazinolysis of 5-Ethoxymethylidenethiazolo [3,2-b] [1,2,4]triazol-6-one. MolBank, 2018, 2018, M1022.	0.2	5
75	Isothiochromenothiazolesâ€"A Class of Fused Thiazolidinone Derivatives with Established Anticancer Activity That Inhibits Growth of Trypanosoma brucei brucei. Scientia Pharmaceutica, 2018, 86, 47.	0.7	7
76	Synthesis and evaluation of antitrypanosomal activity of some thiosemicarbazide derivatives of 1-butyl-6-fluoro-7-morpholino-4-oxo-1,4-dihydroquinoline-3-carboxylic acid. Synthetic Communications, 2018, 48, 1883-1891.	1.1	5
77	Thiopyrano[2,3-d]Thiazoles as New Efficient Scaffolds in Medicinal Chemistry. Scientia Pharmaceutica, 2018, 86, 26.	0.7	33
78	Assessment of the Technological Changes Impact on the Sustainability of State Security System of Ukraine. Sustainability, 2018, 10, 1186.	1.6	25
79	Increased antitumor efficiency and reduced negative side effects in laboratory mice of 4-thiazolidinone derivatives in complexes with PEG-containing polymeric nanocarrier. Biopolymers and Cell, 2018, 34, 313-328.	0.1	4
80	Synthesis and evaluation of anticancer activity of 6-pyrazolinylcoumarin derivatives. Saudi Pharmaceutical Journal, 2017, 25, 214-223.	1.2	23
81	One-Pot Synthesis of 5-Ene-4-aminothiazol-2(5H)-ones and Chromeno[2,3-d]thiazol-2-ones. Synlett, 2017, 28, 811-814.	1.0	7
82	Tandem hetero-Dielsâ€"Alder-hemiacetal reaction in the synthesis of new chromeno[4â€²,3â€²:4,5]thiopyrano[2,3-d]thiazoles. Heterocyclic Communications, 2017, 23, 1-5.	0.6	4
83	Unexpected synthesis of azepino[4,3,2- cd]indoles from 4-aminoindoles. Tetrahedron Letters, 2017, 58, 1324-1325.	0.7	7
84	Synthesis, antioxidant and antimicrobial activities of novel thiopyrano[2,3-d]thiazoles based on aroylacrylic acids. Molecular Diversity, 2017, 21, 427-436.	2.1	23
85	Facile one-pot synthesis of 5-aryl/heterylidene-2-(2-hydroxyethyl- and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (3-hydrox 1071-1076.	1.1	7
86	trans -Aconitic acid-based hetero -Diels-Alder reaction in the synthesis of thiopyrano[2,3- d][1,3]thiazole derivatives. Tetrahedron Letters, 2017, 58, 1751-1754.	0.7	8
87	Study of novel anticancer 4-thiazolidinone derivatives. Chemico-Biological Interactions, 2017, 262, 46-56.	1.7	58
88	Anticancer properties of 4-thiazolidinone derivatives depend on peroxisome proliferator-activated receptor gamma (PPARÎ³). European Journal of Medicinal Chemistry, 2017, 141, 162-168.	2.6	40
89	Recent developments with rhodanine as a scaffold for drug discovery. Expert Opinion on Drug Discovery, 2017, 12, 1233-1252.	2.5	87
90	5-Ene-4-thiazolidinones â€" An efficient tool in medicinal chemistry. European Journal of Medicinal Chemistry, 2017, 140, 542-594.	2.6	129

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91	Hydrogen Sulfide Releasing 2-Mercaptoacrylic Acid-Based Derivative Possesses Cytoprotective Activity in a Small Intestine of Rats with Medication-Induced Enteropathy. Scientia Pharmaceutica, 2017, 85, 35.	0.7	11
92	4-Thiazolidinone derivative Les-3833 effectively inhibits viability of human melanoma cells through activating apoptotic mechanisms. Croatian Medical Journal, 2017, 58, 129-139.	0.2	13
93	Differential pro-apoptotic effects of synthetic 4-thiazolidinone derivative Les-3288, doxorubicin and temozolomide in human glioma U251 cells. Croatian Medical Journal, 2017, 58, 150-159.	0.2	19
94	Ð¡Ð¯ÐÐ¢Ð•Ð— 3-ÐŸÐ†ÐÐ¯Ð”Ð¯Ð›Ð—ÐÐœÐ†Ð©Ð•ÐÐ¯Ð¥ 4-Ð¢Ð†ÐÐ—ÐžÐ›Ð†Ð”Ð¯ÐÐžÐÐ†Ð' Ð¯Ðš ÐŸÐžÐ¢Ð•ÐÐ¢ÐŽÐ™ÐÐ¯Ð¥ Ð'Ð†Ð		
95	EFFECTS OF 4-THIAZOLIDINONE DERIVATIVES LES-2658 AND LES-1205 ON SLEEP - WAKEFULNESS CYCLE IN KINDLED RATS. EUREKA Life Sciences, 2017, 1, 51-56.	0.1	1
96	Investigation of anticancer and anti-parasitic activity of thiopyrano[2,3-d]thiazoles bearing norbornane moiety. Biopolymers and Cell, 2017, 33, 183-205.	0.1	13
97	Ð¡Ð¯ÐÐ¢Ð•Ð— Ð¢Ð•Ð'Ð†ÐžÐ›ÐžÐ"Ð†Ð§ÐÐ•ÐÐšÐ¢Ð¯Ð'ÐÐ†Ð¡Ð¬ ÐÐžÐ'Ð¯ ÐŸÐžÐ¥Ð†Ð"ÐÐ¯Ð¥ 5-ÐÐœÐ†ÐÐžÐœÐ•Ð¢Ð¯Ð›Ð•		
98	Nitric oxide as the main multifunctional regulator of immunocompetent and endothelial cells. Biopolymers and Cell, 2017, 33, 323-334.	0.1	0
99	Indicators of oxidative and nitrosative stress and activity of enzymes of nitric oxide metabolism in rats treated with 4-thiazolidinone derivatives possessing antineoplastic activity. Ukrainian Biochemical Journal, 2017, 89, 77-83.	0.1	1
100	Putative anticancer potential of novel 4-thiazolidinone derivatives: cytotoxicity toward rat C6 glioma in vitro and correlation of general toxicity with the balance of free radical oxidation in rats. Croatian Medical Journal, 2016, 57, 151-163.	0.2	23
101	Synthesis, anticancer and antiviral activities of novel thiopyrano[2,3-d]thiazole-6-carbaldehydes. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1245-1249.	0.8	26
102	5-Ene-4-thiazolidinones induce apoptosis in mammalian leukemia cells. European Journal of Medicinal Chemistry, 2016, 117, 33-46.	2.6	61
103	Modified Coumarins. 38. Synthesis and Cytotoxicity of 6-Pyrazolinylcoumarins. Chemistry of Natural Compounds, 2016, 52, 782-788.	0.2	1
104	Application of the 2(5 H)furanone motif in the synthesis of new thiopyrano[2,3- d]thiazoles via the hetero-Dielsâ€"Alder reaction and related tandem processes. Tetrahedron Letters, 2016, 57, 3318-3321.	0.7	15
105	Synthetic approaches, structure activity relationship and biological applications for pharmacologically attractive pyrazole/pyrazolineâ€"thiazolidine-based hybrids. European Journal of Medicinal Chemistry, 2016, 113, 145-166.	2.6	129
106	Antifibrotic and anticancer action of 5-ene amino/iminothiazolidinones. European Journal of Medicinal Chemistry, 2016, 112, 180-195.	2.6	47
107	Biochemical indicators of nephrotoxicity in blood serum of rats treated with novel 4-thiazolidinone derivatives or their complexes with polyethylene glycol-containing nanoscale polymeric carrier. Ukrainian Biochemical Journal, 2016, 88, 51-60.	0.1	10
108	5-Year Trends in QSAR and its Machine Learning Methods. Current Computer-Aided Drug Design, 2016, 12, 265-271.	0.8	15

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109	Synthesis of novel 4H-1,2,4-triazole-3-thiol derivatives with 2-(2,6-dichlorophenylamino)benzyl fragment in molecules and their anti-inflammatory activity. AktualÊ¹nÃ¬ PitannÃ¢ FarmacevtiÄnoÃ¯ Ã¬ MediÄnoÃ¯ Nauki Ta Praktiki, 2016, .	0.0	0
110	Use of lectin as a vector molecule for delivery of medicinal products to cells and tissues. Biopolymers and Cell, 2016, 32, 461-467.	0.1	1
111	Synthesis and Evaluation of Anticancer Activity of 5-Ylidene-4- Aminothiazol-2(5H)-one Derivatives. Medicinal Chemistry, 2015, 11, 517-530.	0.7	19
112	Changes of nitric oxide system and lipid peroxidation parameters in the digestive system of rats under conditions of acute stress, and use of nonsteroidal anti-inflammatory drugs. Current Issues in Pharmacy and Medical Sciences, 2015, 28, 37-41.	0.1	10
113	Computer technologies in pharmacy-Filling in the gaps in Ukrainian PharmD curriculum. Currents in Pharmacy Teaching and Learning, 2015, 7, 556-559.	0.4	0
114	Arylidene pyruvic acids motif in the synthesis of new thiopyrano[2,3-d]thiazoles as potential biologically active compounds. Heterocyclic Communications, 2015, 21, 55-59.	0.6	19
115	Arylidene Pyruvic Acids Motif in the Synthesis of New 2H,5H-Chromeno[4â€²,3â€²:4,5]thiopyrano[2,3-d]thiazoles via Tandem Hetero-Dielsâ€“Alder-Hemiacetal Reaction. Synthetic Communications, 2015, 45, 2266-2270.	1.1	14
116	Synthesis and anticancer activity of 6-heteroarylcoumarins. European Journal of Medicinal Chemistry, 2015, 105, 171-181.	2.6	23
117	Synthesis of fused thiopyrano[2,3-d] [1,3]thiazoles via hetero-Dielsâ€“Alder reaction related tandem and domino processes. Tetrahedron, 2015, 71, 9501-9508.	1.0	34
118	Biochemical indicators of hepatotoxicity in blood serum of rats under the effect. Ukrainian Biochemical Journal, 2015, 87, 122-132.	0.1	11
119	Synthesis and Anticancer Activity of Isatin, Oxadiazole and 4-Thiazolidinone Based Conjugates. Chemistry and Chemical Technology, 2015, 9, 29-36.	0.2	10
120	Screening of antioxidant and anti-inflammatory activities among thiopyrano[2,3-d]thiazoles. Biopolymers and Cell, 2015, 31, 131-137.	0.1	11
121	Study of Metal-Organic Nanomaterials Structure by X-ray Crystallography Analysis as the Basis for the Development of Quality Control Methods. Journal of Pharmacy and Pharmacology, 2015, 4, .	0.1	0
122	Synthesis, Biological Activity of Thiazolidinones Bearing Indoline Moiety and Isatin Based Hybrids. Mini-Reviews in Organic Chemistry, 2014, 12, 66-87.	0.6	14
123	Heterocyclic tautomerism: reassignment of two crystal structures of 2-amino-1,3-thiazolidin-4-one derivatives. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 812-816.	0.2	7
124	Synthesis and Anticancer Activity of New Thiopyrano[2,3-d]thiazoles Based on Cinnamic Acid Amides. Scientia Pharmaceutica, 2014, 82, 723-733.	0.7	39
125	Cyclocondensation of Thioamides and Haloacetic Acid Derivatives Provides Only 4-Thiazolidinones; Isomeric 5-Thiazolidinones Were Not observed. Synthetic Communications, 2014, 44, 231-236.	1.1	8
126	Computational Search for Possible Mechanisms of 4â€Thiazolidinones Anticancer Activity: The Power of Visualization. Molecular Informatics, 2014, 33, 216-229.	1.4	10

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127	Crotonic, cynnamic, and propiolic acids motifs in the synthesis of thiopyrano[2,3-d][1,3]thiazoles via hetero-Dielsâ€“Alder reaction and related tandem processes. Tetrahedron, 2014, 70, 720-729.	1.0	29
128	5-Ethoxymethylidene-4-thioxo-2-thiazolidinone as Versatile Building Block for Novel Biorelevant Small Molecules with Thiopyrano[2,3-d][1,3]thiazole Core. Synthetic Communications, 2014, 44, 237-244.	1.1	28
129	Isothiocoumarin-3-carboxylic acid derivatives: Synthesis, anticancer and antitrypanosomal activity evaluation. European Journal of Medicinal Chemistry, 2014, 75, 57-66.	2.6	37
130	3D-MoRSE descriptors explained. Journal of Molecular Graphics and Modelling, 2014, 54, 194-203.	1.3	121
131	Synthesis of pyrazolineâ€“thiazolidinone hybrids with trypanocidal activity. European Journal of Medicinal Chemistry, 2014, 85, 245-254.	2.6	49
132	Trends in research of antitrypanosomal agents among synthetic heterocycles. European Journal of Medicinal Chemistry, 2014, 85, 51-64.	2.6	40
133	Conformational space and vibrational spectra of 2-[(2,4-dimethoxyphenyl)amino]-1,3-thiazolidin-4-one. Journal of Molecular Modeling, 2014, 20, 2366.	0.8	9
134	Bradykinin antagonists and thiazolidinone derivatives as new potential anti-cancer compounds. Bioorganic and Medicinal Chemistry, 2014, 22, 3815-3823.	1.4	27
135	Synthesis of New Schiff Bases and Polycyclic Fused Thiopyranothiazoles Containing 4,6-Dichloro-1,3,5-Triazine Moiety. Journal of Heterocyclic Chemistry, 2013, 50, 1419-1424.	1.4	10
136	Synthesis and Anticancer and Antiviral Activities of New 2â€Pyrazolineâ€Substituted 4â€Thiazolidinones. Journal of Heterocyclic Chemistry, 2013, 50, E55.	1.4	46
137	Synthesis and biological activity evaluation of 5-pyrazoline substituted 4-thiazolidinones. European Journal of Medicinal Chemistry, 2013, 66, 228-237.	2.6	85
138	Synthesis and Biological Activity of New Thiopyrano[2,3-d]thiazoles Containing a Naphthoquinone Moiety. Scientia Pharmaceutica, 2013, 81, 423-436.	0.7	36
139	2-[N-(4-Methoxyphenyl)acetamido]-1,3-thiazol-4-yl acetate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o391-o391.	0.2	1
140	2-[N-(2,4-Dimethoxyphenyl)acetamido]-1,3-thiazol-4-yl acetate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o356-o357.	0.2	2
141	Biologically Active 4-Thiazolidinones: A Review of QSAR Studies and QSAR Modeling of Antitumor Activity. Current Topics in Medicinal Chemistry, 2013, 12, 2763-2784.	1.0	34
142	Synthesis of 3S-Substituted Triazino[5,6-b]indoles and 4-Thiazolidinone-triazino[5,6-b]indole Hybrids with Antitumor Activity. Chemistry and Chemical Technology, 2013, 7, 381-389.	0.2	2
143	Fused Thiopyrano[2,3-d]thiazole Derivatives as Potential Anticancer Agents. Scientia Pharmaceutica, 2012, 80, 509-529.	0.7	37
144	2-[7-(3,5-Dibromo-2-hydroxyphenyl)-6-ethoxycarbonyl-2-oxo-5H-2,3,6,7-tetrahydrothiopyrano[2,3-d][1,3]thiazol-6-yl]acetic acid ethanol monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2721-o2722.	0.2	6

#	Article	IF	Citations
145	Synthesis of New 4-Thiazolidinone-, Pyrazoline-, and Isatin-Based Conjugates with Promising Antitumor Activity. Journal of Medicinal Chemistry, 2012, 55, 8630-8641.	2.9	195
146	Synthesis of new potential anticancer agents based on 4-thiazolidinone and oleanane scaffolds. Medicinal Chemistry Research, 2012, 21, 3568-3580.	1.1	54
147	Synthesis and antitrypanosomal activity of new 6,6,7-trisubstituted thiopyrano[2,3-d][1,3]thiazoles. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 7071-7074.	1.0	51
148	An efficient method for the transformation of 5-ylidenerhodanines into 2,3,5-trisubstituted-4-thiazolidinones. Tetrahedron Letters, 2012, 53, 557-559.	0.7	25
149	Study of molecular mechanisms of proapoptotic action of novel heterocyclic 4-thiazolidone derivatives. Biopolymers and Cell, 2012, 28, 121-128.	0.1	11
150	A Facile Synthesis and Anticancer Activity Evaluation of Spiro[Thiazolidinone-Isatin] Conjugates. Scientia Pharmaceutica, 2011, 79, 763-777.	0.7	66
151	Design and synthesis of ibuprofen salts as anti-inflammatory agents in the form of semi-solid preparations for topical use. Journal of Pharmacy and Pharmacology, 2011, 50, 250-250.	1.2	0
152	Rhodanine 3-carboxylic acids as potential NSAIDs. Journal of Pharmacy and Pharmacology, 2011, 50, 240-240.	1.2	0
153	Synthesis and Anticancer Activity of Isatinâ€Based Pyrazolines and Thiazolidines Conjugates. Archiv Der Pharmazie, 2011, 344, 514-522.	2.1	91
154	Isorhodanine and Thiorhodanine Motifs in the Synthesis of Fused Thiopyrano[2,3-d][1,3]thiazoles. Synlett, 2011, 2011, 1385-1388.	1.0	15
155	Thiazolidinone motif in anticancer drug discovery. Experience of DH LNMU medicinal chemistry scientific group. Biopolymers and Cell, 2011, 27, 107-117.	0.1	72
156	Comparison of dual acting drugs and conventional NSAIDs towards parameters of NO-synthase system and oxidative stress in mucosal membrane of large intestine of rats with experimental ulcerative colitis. Biopolymers and Cell, 2011, 27, 147-153.	0.1	3
157	Structureâ€“anticancer activity relationships among 4-azolidinone-3-carboxylic acids derivatives. Biopolymers and Cell, 2010, 26, 136-145.	0.1	23
158	Synthesis and anticancer activity evaluation of 4-thiazolidinones containing benzothiazole moiety. European Journal of Medicinal Chemistry, 2010, 45, 5012-5021.	2.6	191
159	Synthesis of 5-arylidene-2-amino-4-azolones and evaluation of their anticancer activity. Bioorganic and Medicinal Chemistry, 2010, 18, 5090-5102.	1.4	85
160	QSAR Analysis of Antimicrobial Activity of 4-thiazolidone Derivatives. QSAR and Combinatorial Science, 2009, 28, 194-205.	1.5	7
161	Synthesis of some N-substituted nitroimidazole derivatives as potential antioxidant and antifungal agents. European Journal of Medicinal Chemistry, 2009, 44, 645-652.	2.6	58
162	Synthesis of novel thiazolone-based compounds containing pyrazoline moiety and evaluation of their anticancer activity. European Journal of Medicinal Chemistry, 2009, 44, 1396-1404.	2.6	247

#	Article	IF	Citations
163	Synthesis and in vitro anticancer activity of 2,4-azolidinedione-acetic acids derivatives. European Journal of Medicinal Chemistry, 2009, 44, 3627-3636.	2.6	88
164	Synthesis and Anticancer Activity of Novel Nonfused Bicyclic Thiazolidinone Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 638-650.	0.8	41
165	A new domino-Knoevenagelâ€“hetero-Dielsâ€“Alder reaction. Tetrahedron Letters, 2008, 49, 4648-4651.	0.7	57
166	Synthesis and anticancer activity of novel thiopyrano[2,3-d]thiazole-based compounds containing norbornane moiety. Journal of Sulfur Chemistry, 2008, 29, 151-162.	1.0	40
167	Synthesis and anticancer activity in vitro of isothiochromeno[3,4-d]thiazole derivatives. Annales Universitatis Mariae Curie-Sklodowska Sectio DDD Pharmacia, 2008, 21, 247-251.	0.1	4
168	Manganic encephalopathy due to â€œephedroneâ€•abuse. Movement Disorders, 2007, 22, 1337-1343.	2.2	72
169	New 5-substituted thiazolo[3,2-b][1,2,4]triazol-6-ones: Synthesis and anticancer evaluation. European Journal of Medicinal Chemistry, 2007, 42, 641-648.	2.6	137
170	Anticancer thiopyrano[2,3-d][1,3]thiazol-2-ones with norbornane moiety. Synthesis, cytotoxicity, physico-chemical properties, and computational studies. Bioorganic and Medicinal Chemistry, 2006, 14, 5230-5240.	1.4	90
171	Synthesis and antimicrobial activity of 2,4-dioxothiazolidine-5-acetic acid amides. Pharmaceutical Chemistry Journal, 2006, 40, 303-306.	0.3	32
172	4-Thiazolidones: Centenarian History, Current Status and Perspectives for Modern Organic and Medicinal Chemistry. Current Organic Chemistry, 2004, 8, 1547-1577.	0.9	223
173	Synthesis and antiinflammatory activity of some 2-arylamino-2-thiazoline-4-ones. Acta Poloniae Pharmaceutica, 2003, 60, 457-66.	0.3	13
174	Citraconic acid and its anhydride-based hetero-Dielsâ€“Alder reactions in the synthesis of new thiopyrano[2,3-d][1,3]thiazole derivatives. Synthetic Communications, 0, , 1-7.	1.1	0
175	The cytotoxic potential of a novel 2-thioxo-4-thiazolidinone derivative used with anti-HER2 antibodies in AGS gastric cancer cells. , 0, , .		0
176	The pro-apoptotic effect of new 2-thioxo-4-thiazolidinone derivative Les-3331 on MCF-7 and MDA-MB-231 cell lines. , 0, , .		0
177	EVALUATION OF NOVEL 4-THIAZOLIDINONE-BASED DERIVATIVES AS POSSIBLE CYTOPROTECTIVE AGENTS AGAINST STRESS MODEL IN RATS. Journal of Applied Pharmaceutical Science, 0, , 199-203.	0.7	11
178	Thiazolidinone-Related Heterocyclic Compounds as Potential Antitrypanosomal Agents. , 0, , .		4