

# 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	Synthesis of novel thiazolone-based compounds containing pyrazoline moiety and evaluation of their anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1396-1404.	2.6	247
2	4-Thiazolidones: Centenarian History, Current Status and Perspectives for Modern Organic and Medicinal Chemistry. <i>Current Organic Chemistry</i> , 2004, 8, 1547-1577.	0.9	223
3	Synthesis of New 4-Thiazolidinone-, Pyrazoline-, and Isatin-Based Conjugates with Promising Antitumor Activity. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8630-8641.	2.9	195
4	Synthesis and anticancer activity evaluation of 4-thiazolidinones containing benzothiazole moiety. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5012-5021.	2.6	191
5	New 5-substituted thiazolo[3,2-b][1,2,4]triazol-6-ones: Synthesis and anticancer evaluation. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 641-648.	2.6	137
6	Synthetic approaches, structure activity relationship and biological applications for pharmacologically attractive pyrazole/pyrazoline-thiazolidine-based hybrids. <i>European Journal of Medicinal Chemistry</i> , 2016, 113, 145-166.	2.6	129
7	5-Ene-4-thiazolidinones – An efficient tool in medicinal chemistry. <i>European Journal of Medicinal Chemistry</i> , 2017, 140, 542-594.	2.6	129
8	3D-MorSE descriptors explained. <i>Journal of Molecular Graphics and Modelling</i> , 2014, 54, 194-203.	1.3	121
9	Synthesis and Anticancer Activity of Isatin-Based Pyrazolines and Thiazolidines Conjugates. <i>Archiv Der Pharmazie</i> , 2011, 344, 514-522.	2.1	91
10	Anticancer thiopyrano[2,3-d][1,3]thiazol-2-ones with norbornane moiety. Synthesis, cytotoxicity, physico-chemical properties, and computational studies. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5230-5240.	1.4	90
11	Synthesis and in vitro anticancer activity of 2,4-azolidinedione-acetic acids derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3627-3636.	2.6	88
12	Recent developments with rhodanine as a scaffold for drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 1233-1252.	2.5	87
13	Synthesis of 5-arylidene-2-amino-4-azolones and evaluation of their anticancer activity. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5090-5102.	1.4	85
14	Synthesis and biological activity evaluation of 5-pyrazoline substituted 4-thiazolidinones. <i>European Journal of Medicinal Chemistry</i> , 2013, 66, 228-237.	2.6	85
15	Manganic encephalopathy due to amphetamine abuse. <i>Movement Disorders</i> , 2007, 22, 1337-1343.	2.2	72
16	Thiazolidinone motif in anticancer drug discovery. Experience of DH LNMU medicinal chemistry scientific group. <i>Biopolymers and Cell</i> , 2011, 27, 107-117.	0.1	72
17	A Facile Synthesis and Anticancer Activity Evaluation of Spiro[Thiazolidinone-Isatin] Conjugates. <i>Scientia Pharmaceutica</i> , 2011, 79, 763-777.	0.7	66
18	5-Ene-4-thiazolidinones induce apoptosis in mammalian leukemia cells. <i>European Journal of Medicinal Chemistry</i> , 2016, 117, 33-46.	2.6	61

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19	Synthesis of some N-substituted nitroimidazole derivatives as potential antioxidant and antifungal agents. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 645-652.	2.6	58
20	Study of novel anticancer 4-thiazolidinone derivatives. <i>Chemico-Biological Interactions</i> , 2017, 262, 46-56.	1.7	58
21	A new domino-Knoevenagelâ€“hetero-Dielsâ€“Alder reaction. <i>Tetrahedron Letters</i> , 2008, 49, 4648-4651.	0.7	57
22	Synthesis of new potential anticancer agents based on 4-thiazolidinone and oleanane scaffolds. <i>Medicinal Chemistry Research</i> , 2012, 21, 3568-3580.	1.1	54
23	Synthesis and antitrypanosomal activity of new 6,6,7-trisubstituted thiopyrano[2,3-d][1,3]thiazoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 7071-7074.	1.0	51
24	Thiazole-Bearing 4-Thiazolidinones as New Anticonvulsant Agents. <i>Scientia Pharmaceutica</i> , 2020, 88, 16.	0.7	50
25	Synthesis of pyrazolineâ€“thiazolidinone hybrids with trypanocidal activity. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 245-254.	2.6	49
26	Antifibrotic and anticancer action of 5-ene amino/iminothiazolidinones. <i>European Journal of Medicinal Chemistry</i> , 2016, 112, 180-195.	2.6	47
27	Synthesis and Anticancer and Antiviral Activities of New 2â€“Pyrazolineâ€“Substituted 4â€“Thiazolidinones. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, E55.	1.4	46
28	Thiazolidinone/thiazole based hybrids â€“ New class of antitrypanosomal agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 174, 292-308.	2.6	44
29	Synthesis and Anticancer Activity of Novel Nonfused Bicyclic Thiazolidinone Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 638-650.	0.8	41
30	Synthesis and anticancer activity of novel thiopyrano[2,3- <i>d</i> ]thiazole-based compounds containing norbornane moiety. <i>Journal of Sulfur Chemistry</i> , 2008, 29, 151-162.	1.0	40
31	Trends in research of antitrypanosomal agents among synthetic heterocycles. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 51-64.	2.6	40
32	Anticancer properties of 4-thiazolidinone derivatives depend on peroxisome proliferator-activated receptor gamma (PPAR $\gamma$ ). <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 162-168.	2.6	40
33	Synthesis and Anticancer Activity of New Thiopyrano[2,3- <i>d</i> ]thiazoles Based on Cinnamic Acid Amides. <i>Scientia Pharmaceutica</i> , 2014, 82, 723-733.	0.7	39
34	Changes in Energy Consumption, Economic Growth and Aspirations for Energy Independence: Sectoral Analysis of Uses of Natural Gas in Ukrainian Economy. <i>Energies</i> , 2019, 12, 4724.	1.6	39
35	Synthesis of 5-enamine-4-thiazolidinone derivatives with trypanocidal and anticancer activity. <i>Bioorganic Chemistry</i> , 2019, 86, 126-136.	2.0	38
36	Fused Thiopyrano[2,3- <i>d</i> ]thiazole Derivatives as Potential Anticancer Agents. <i>Scientia Pharmaceutica</i> , 2012, 80, 509-529.	0.7	37

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37	Isothiocoumarin-3-carboxylic acid derivatives: Synthesis, anticancer and antitrypanosomal activity evaluation. <i>European Journal of Medicinal Chemistry</i> , 2014, 75, 57-66.	2.6	37
38	Autophagy Modulators in Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5804.	1.8	37
39	Synthesis and Biological Activity of New Thiopyrano[2,3-d]thiazoles Containing a Naphthoquinone Moiety. <i>Scientia Pharmaceutica</i> , 2013, 81, 423-436.	0.7	36
40	Evaluation of the Adaptability of the Ukrainian Economy to Changes in Prices for Energy Carriers and to Energy Market Risks. <i>Energies</i> , 2018, 11, 3529.	1.6	35
41	Synthesis of fused thiopyrano[2,3-d][1,3]thiazoles via hetero-Diels-Alder reaction related tandem and domino processes. <i>Tetrahedron</i> , 2015, 71, 9501-9508.	1.0	34
42	Biologically Active 4-Thiazolidinones: A Review of QSAR Studies and QSAR Modeling of Antitumor Activity. <i>Current Topics in Medicinal Chemistry</i> , 2013, 12, 2763-2784.	1.0	34
43	Thiopyrano[2,3-d]Thiazoles as New Efficient Scaffolds in Medicinal Chemistry. <i>Scientia Pharmaceutica</i> , 2018, 86, 26.	0.7	33
44	Synthesis and antimicrobial activity of 2,4-dioxothiazolidine-5-acetic acid amides. <i>Pharmaceutical Chemistry Journal</i> , 2006, 40, 303-306.	0.3	32
45	Crotonic, cinnamic, and propiolic acids motifs in the synthesis of thiopyrano[2,3-d][1,3]thiazoles via hetero-Diels-Alder reaction and related tandem processes. <i>Tetrahedron</i> , 2014, 70, 720-729.	1.0	29
46	5-Ethoxymethylidene-4-thioxo-2-thiazolidinone as Versatile Building Block for Novel Biorelevant Small Molecules with Thiopyrano[2,3-d][1,3]thiazole Core. <i>Synthetic Communications</i> , 2014, 44, 237-244.	1.1	28
47	Microcredits for Sustainable Development of Small Ukrainian Enterprises: Efficiency, Accessibility, and Government Contribution. <i>Sustainability</i> , 2020, 12, 6184.	1.6	28
48	Bradykinin antagonists and thiazolidinone derivatives as new potential anti-cancer compounds. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3815-3823.	1.4	27
49	Synthesis, anticancer and antiviral activities of novel thiopyrano[2,3-d]thiazole-6-carbaldehydes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1245-1249.	0.8	26
50	An efficient method for the transformation of 5-ylidenerhodanines into 2,3,5-trisubstituted-4-thiazolidinones. <i>Tetrahedron Letters</i> , 2012, 53, 557-559.	0.7	25
51	Assessment of the Technological Changes Impact on the Sustainability of State Security System of Ukraine. <i>Sustainability</i> , 2018, 10, 1186.	1.6	25
52	Synthesis and cytotoxicity of new thiazolo[4,5-b]pyridine-2(3H)-one derivatives based on $\alpha,\beta$ -unsaturated ketones and $\alpha$ -ketoacids. <i>Chemical Papers</i> , 2018, 72, 669-681.	1.0	24
53	Structure-anticancer activity relationships among 4-azolidinone-3-carboxylic acids derivatives. <i>Biopolymers and Cell</i> , 2010, 26, 136-145.	0.1	23
54	Synthesis and anticancer activity of 6-heteroaryl coumarins. <i>European Journal of Medicinal Chemistry</i> , 2015, 105, 171-181.	2.6	23

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55	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. <i>Croatian Medical Journal</i> , 2016, 57, 151-163.	0.2	23
56	Synthesis and evaluation of anticancer activity of 6-pyrazolinylicoumarin derivatives. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 214-223.	1.2	23
57	Synthesis, antioxidant and antimicrobial activities of novel thiopyrano[2,3-d]thiazoles based on aroylacrylic acids. <i>Molecular Diversity</i> , 2017, 21, 427-436.	2.1	23
58	Assessing different thiazolidine and thiazole based compounds as antileishmanial scaffolds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127616.	1.0	22
59	Synthesis of novel indole-thiazolidinone hybrid structures as promising scaffold with anticancer potential. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 50, 116453.	1.4	21
60	Synthesis and Evaluation of Anticancer Activity of 5-Ylidene-4- Aminothiazol-2(5H)-one Derivatives. <i>Medicinal Chemistry</i> , 2015, 11, 517-530.	0.7	19
61	Arylidene pyruvic acids motif in the synthesis of new thiopyrano[2,3-d]thiazoles as potential biologically active compounds. <i>Heterocyclic Communications</i> , 2015, 21, 55-59.	0.6	19
62	Differential pro-apoptotic effects of synthetic 4-thiazolidinone derivative Les-3288, doxorubicin and temozolomide in human glioma U251 cells. <i>Croatian Medical Journal</i> , 2017, 58, 150-159.	0.2	19
63	Novel hybrid pyrrolidinedione-thiazolidinones as potential anticancer agents: Synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2022, 238, 114422.	2.6	18
64	Anticancer properties of 5Z-(4-fluorobenzylidene)-2-(4-hydroxyphenylamino)-thiazol-4-one. <i>Scientific Reports</i> , 2019, 9, 10609.	1.6	17
65	Comparative Investigation of Amino Acids Content in the Dry Extracts of <i>Juno bucharica</i> , <i>Gladiolus Hybrid Zefir</i> , <i>Iris Hungarica</i> , <i>Iris Variegata</i> and <i>Crocus Sativus</i> Raw Materials of Ukrainian Flora. <i>Scientia Pharmaceutica</i> , 2020, 88, 8.	0.7	17
66	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. <i>Molecules</i> , 2021, 26, 1162.	1.7	17
67	Isorhodanine and Thiorhodanine Motifs in the Synthesis of Fused Thiopyrano[2,3-d][1,3]thiazoles. <i>Synlett</i> , 2011, 2011, 1385-1388.	1.0	15
68	Application of the 2(5 H)furanone motif in the synthesis of new thiopyrano[2,3-d]thiazoles via the hetero-Diels-Alder reaction and related tandem processes. <i>Tetrahedron Letters</i> , 2016, 57, 3318-3321.	0.7	15
69	5-Year Trends in QSAR and its Machine Learning Methods. <i>Current Computer-Aided Drug Design</i> , 2016, 12, 265-271.	0.8	15
70	Evaluation of Anticancer and Antibacterial Activity of Four 4-Thiazolidinone-Based Derivatives. <i>Molecules</i> , 2022, 27, 894.	1.7	15
71	Synthesis, Biological Activity of Thiazolidinones Bearing Indoline Moiety and Isatin Based Hybrids. <i>Mini-Reviews in Organic Chemistry</i> , 2014, 12, 66-87.	0.6	14
72	Arylidene Pyruvic Acids Motif in the Synthesis of New 2-Hydroxy-5-Chromeno[4,3-b]thiopyrano[2,3-d]thiazoles via Tandem Hetero-Diels-Alder-Hemiacetal Reaction. <i>Synthetic Communications</i> , 2015, 45, 2266-2270.	1.1	14

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73	Synthesis and anticancer activity evaluation of 3-(4-oxo-2-thioxothiazolidin-5-yl)-1 <i>H</i> -indole-carboxylic acids derivatives. <i>Synthetic Communications</i> , 2020, 50, 2830-2838.	1.1	14
74	Synthesis and Anticancer Activity Evaluation of 5-[2-Chloro-3-(4-nitrophenyl)-2-propenylidene]-4-thiazolidinones. <i>Molecules</i> , 2021, 26, 3057.	1.7	14
75	4-Thiazolidinone derivative Les-3833 effectively inhibits viability of human melanoma cells through activating apoptotic mechanisms. <i>Croatian Medical Journal</i> , 2017, 58, 129-139.	0.2	13
76	Development of Predictive QSAR Models of 4-Thiazolidinones Antitrypanosomal Activity Using Modern Machine Learning Algorithms. <i>Molecular Informatics</i> , 2018, 37, e1700078.	1.4	13
77	Drug design: 4-thiazolidinones applications. Part 2. Pharmacological profiles. <i>Journal of Medical Science</i> , 2020, 89, e407.	0.2	13
78	Investigation of anticancer and anti-parasitic activity of thiopyrano[2,3-d]thiazoles bearing norbornane moiety. <i>Biopolymers and Cell</i> , 2017, 33, 183-205.	0.1	13
79	Synthesis and antiinflammatory activity of some 2-arylamino-2-thiazoline-4-ones. <i>Acta Poloniae Pharmaceutica</i> , 2003, 60, 457-66.	0.3	13
80	Synthesis and biological activity evaluation of new thiazolidinone-diclofenac hybrid molecules. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 836-841.	0.8	12
81	Synthesis, Antibacterial and Antifungal Activity of New 3-Aryl-5H-pyrrolo[1,2-a]imidazole and 5H-Imidazo[1,2-a]azepine Quaternary Salts. <i>Molecules</i> , 2021, 26, 4253.	1.7	12
82	Hydrogen Sulfide Releasing 2-Mercaptoacrylic Acid-Based Derivative Possesses Cytoprotective Activity in a Small Intestine of Rats with Medication-Induced Enteropathy. <i>Scientia Pharmaceutica</i> , 2017, 85, 35.	0.7	11
83	Synthesis, structure and evaluation of anticancer activity of 4-amino-1,3-thiazolinone/pyrazoline hybrids. <i>Journal of Molecular Structure</i> , 2021, 1224, 129059.	1.8	11
84	Biochemical indicators of hepatotoxicity in blood serum of rats under the effect. <i>Ukrainian Biochemical Journal</i> , 2015, 87, 122-132.	0.1	11
85	Drug design: 4-thiazolidinones applications. Part 1. Synthetic routes to the drug-like molecules. <i>Journal of Medical Science</i> , 2020, 89, e406.	0.2	11
86	Characterization of Phytochemical Components of <i>Crocus sativus</i> Leaves: A New Attractive By-Product. <i>Scientia Pharmaceutica</i> , 2021, 89, 28.	0.7	11
87	Study of molecular mechanisms of proapoptotic action of novel heterocyclic 4-thiazolidone derivatives. <i>Biopolymers and Cell</i> , 2012, 28, 121-128.	0.1	11
88	Screening of antioxidant and anti-inflammatory activities among thiopyrano[2,3-d]thiazoles. <i>Biopolymers and Cell</i> , 2015, 31, 131-137.	0.1	11
89	EVALUATION OF NOVEL 4-THIAZOLIDINONE-BASED DERIVATIVES AS POSSIBLE CYTOPROTECTIVE AGENTS AGAINST STRESS MODEL IN RATS. <i>Journal of Applied Pharmaceutical Science</i> , 0, , 199-203.	0.7	11
90	Synthesis of New Schiff Bases and Polycyclic Fused Thiopyranothiazoles Containing 4,6-Dichloro-1,3,5-Triazine Moiety. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 1419-1424.	1.4	10

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91	Computational Search for Possible Mechanisms of 4-Thiazolidinones Anticancer Activity: The Power of Visualization. <i>Molecular Informatics</i> , 2014, 33, 216-229.	1.4	10
92	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. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2015, 28, 37-41.	0.1	10
93	Enhanced Proapoptotic Effects of Water Dispersed Complexes of 4-Thiazolidinone-Based Chemotherapeutics with a PEG-Containing Polymeric Nanocarrier. <i>Nanoscale Research Letters</i> , 2019, 14, 140.	3.1	10
94	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. <i>Ukrainian Biochemical Journal</i> , 2016, 88, 51-60.	0.1	10
95	Morphology of the Micelles Formed by a Comb-Like PEG-Containing Copolymer Loaded with Antitumor Substances with Different Water Solubilities. <i>Ukrainian Journal of Physics</i> , 2020, 65, 670.	0.1	10
96	Synthesis and Anticancer Activity of Isatin, Oxadiazole and 4-Thiazolidinone Based Conjugates. <i>Chemistry and Chemical Technology</i> , 2015, 9, 29-36.	0.2	10
97	Conformational space and vibrational spectra of 2-[(2,4-dimethoxyphenyl)amino]-1,3-thiazolidin-4-one. <i>Journal of Molecular Modeling</i> , 2014, 20, 2366.	0.8	9
98	Synthesis and in vivo evaluation of pyrazoline-thiazolidin-4-one hybrid Les-5581 as a potential non-steroidal anti-inflammatory agent. <i>Biopolymers and Cell</i> , 2019, 35, 437-447.	0.1	9
99	Synthesis of indoline-thiazolidinone hybrids with antibacterial and antifungal activities. <i>Biopolymers and Cell</i> , 2020, 36, 381-391.	0.1	9
100	Cyclocondensation of Thioamides and Haloacetic Acid Derivatives Provides Only 4-Thiazolidinones; Isomeric 5-Thiazolidinones Were Not observed. <i>Synthetic Communications</i> , 2014, 44, 231-236.	1.1	8
101	trans -Aconitic acid-based hetero -Diels-Alder reaction in the synthesis of thiopyrano[2,3-d][1,3]thiazole derivatives. <i>Tetrahedron Letters</i> , 2017, 58, 1751-1754.	0.7	8
102	The application of anthraquinone-based triazenes as equivalents of diazonium salts in reaction with methylene active compounds. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 409-414.	0.8	8
103	4-thiazolidinone-based derivatives rosiglitazone and pioglitazone affect the expression of antioxidant enzymes in different human cell lines. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111684.	2.5	8
104	Preliminary evaluation of thiazolidinone- and pyrazoline-related heterocyclic derivatives as potential antimalarial agents. <i>Biopolymers and Cell</i> , 2020, 36, 47-59.	0.1	8
105	QSAR Analysis of Antimicrobial Activity of 4-thiazolidone Derivatives. <i>QSAR and Combinatorial Science</i> , 2009, 28, 194-205.	1.5	7
106	Heterocyclic tautomerism: reassignment of two crystal structures of 2-amino-1,3-thiazolidin-4-one derivatives. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 812-816.	0.2	7
107	One-Pot Synthesis of 5-Ene-4-aminothiazol-2(5H)-ones and Chromeno[2,3-d]thiazol-2-ones. <i>Synlett</i> , 2017, 28, 811-814.	1.0	7
108	Unexpected synthesis of azepino[4,3,2-cd]indoles from 4-aminoindoles. <i>Tetrahedron Letters</i> , 2017, 58, 1324-1325.	0.7	7



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109	Facile one-pot synthesis of 5-aryl/heterylidene-2-(2-hydroxyethyl- and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (3-hydroxy) 1071-1076.	1.1	7
110	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
111	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
112	Synthesis and Biological Activity Evaluation of Polyfunctionalized Anthraquinonehydrazones. Letters in Drug Design and Discovery, 2021, 18, 199-209.	0.4	7
113	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
114	Hematoxylin binds to mutant calreticulin and disrupts its abnormal interaction with thrombopoietin receptor. Blood, 2021, 137, 1920-1931.	0.6	6
115	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
116	Features of antimicrobial activity of some 5-aminomethylene-2-thioxo-4-thiazolidinones. Biopolymers and Cell, 2019, 35, 371-380.	0.1	6
117	2-[5-[(Z,Z)-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
118	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
119	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
120	5â€”Arylideneâ€”2â€”(4â€”hydroxyphenyl)aminothiazolâ€”(5 H )â€”ones with selective inhibitory activity against some leukemia cell lines. Archiv Der Pharmazie, 2021, 354, 2000342.	2.1	5
121	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
122	Synthesis and evaluation of the anticancer activity of some semisynthetic derivatives of rutaecarpine and evodiamine. Synthetic Communications, 2021, 51, 3237-3245.	1.1	5
123	Evaluation of Anticonvulsant Activity of Dual COX-2/5-LOX Inhibitor Darbufelon and Its Novel Analogues. Scientia Pharmaceutica, 2021, 89, 22.	0.7	5
124	Tandem hetero-Dielsâ€”Alder-hemiacetal reaction in the synthesis of new chromeno[4â€”2,3â€”4,5]thiopyrano[2,3- <i>i&gt;d&lt;/i&gt;]thiazoles. Heterocyclic Communications, 2017, 23, 1-5.</i>	0.6	4
125	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
126	Synthesis of new structurally diverse thiazolidinone-derived compounds based on reaction of isorhodanine with ortho-substituted aldehydes, 1â€”keto- and 1â€”-aroylacrylic acids. Journal of Molecular Structure, 2020, 1217, 128448.	1.8	4



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127	Biodistribution and Anticancer Characteristics of Les-3833, A Novel 4-thiazolidinone-Based Lead Compound. <i>Scientia Pharmaceutica</i> , 2020, 88, 18.	0.7	4
128	The novel pyrazolin-5-one bearing thiazolidin-4-ones: synthesis, characterization and biological evaluation. <i>Biopolymers and Cell</i> , 2021, 37, 46-61.	0.1	4
129	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]sulfonyl]acetamide. <i>MolBank</i> , 2021, 2021, M1211.	0.2	4
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