

Monika Wujec

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96
papers

1,049
citations

15
h-index

26
g-index

116
ext. papers

1,296
ext. citations

3
avg, IF

4.39
L-index

#	Paper	IF	Citations
96	Synthesis and antimicrobial activity of thiosemicarbazides, s-triazoles and their Mannich bases bearing 3-chlorophenyl moiety. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 241-8	6.8	100
95	Synthesis, characterization and preliminary anticonvulsant evaluation of some 4-alkyl-1,2,4-triazoles. <i>European Journal of Medicinal Chemistry</i> , 2013 , 60, 208-15	6.8	67
94	Synthesis and in vitro activity of 1,2,4-triazole-ciprofloxacin hybrids against drug-susceptible and drug-resistant bacteria. <i>European Journal of Medicinal Chemistry</i> , 2013 , 60, 128-34	6.8	66
93	Synthesis and potential antimycotic activity of 4-substituted-3-(thiophene-2-yl-methyl)-Delta2-1,2,4-triazoline-5-thiones. <i>Acta Pharmaceutica</i> , 2004 , 54, 251-60	3.2	39
92	Kinetic isotope effects on dehalogenations at an aromatic carbon. <i>Environmental Science & Technology</i> , 2008 , 42, 7744-50	10.3	32
91	Studies on the anticonvulsant activity and influence on GABA-ergic neurotransmission of 1,2,4-triazole-3-thione- based compounds. <i>Molecules</i> , 2014 , 19, 11279-99	4.8	29
90	Biological and docking studies of topoisomerase IV inhibition by thiosemicarbazides. <i>Journal of Molecular Modeling</i> , 2011 , 17, 2297-303	2	27
89	Thiol-thione tautomeric forms recognition on the example of 4-[3-(2-methyl-furan-3-yl)-5-thioxo-1,2,4-triazolin-4-yl]acetic acid. <i>Heteroatom Chemistry</i> , 2008 , 19, 337-344	1.2	26
88	Synthesis and antibacterial activity of new (2,4-dioxothiazolidin-5-yl/ylidene)acetic acid derivatives with thiazolidine-2,4-dione, rhodanine and 2-thiohydantoin moieties. <i>Saudi Pharmaceutical Journal</i> , 2018 , 26, 568-577	4.4	25
87	Studies on the synthesis and antibacterial activity of 3,6-disubstituted 1,2,4-triazolo[3,4-b]1,3,4-thiadiazoles. <i>European Journal of Medicinal Chemistry</i> , 2012 , 47, 580-4	6.8	23
86	Synthesis, structure and investigations of tuberculosis inhibition activities of new 4-methyl-1-substituted-1H-1,2,4-triazole-5(4H)-thione. <i>Journal of Heterocyclic Chemistry</i> , 2008 , 45, 1893-1896	1.0	23
85	Cyclization of 1-[[4-Methyl-4H-1,2,4-triazol-3-yl]sulfonyl]acetylthiosemicarbazides to 1,2,4-Triazole and 1,3,4-Thiadiazole Derivatives and Their Pharmacological Properties. <i>Collection of Czechoslovak Chemical Communications</i> , 2005 , 70, 51-62		22
84	Effect of 4-(4-bromophenyl)-5-(3-chlorophenyl)-2,4-dihydro-3H-1,2,4-triazole-3-thione on the anticonvulsant action of different classical antiepileptic drugs in the mouse maximal electroshock-induced seizure model. <i>European Journal of Pharmacology</i> , 2012 , 690, 99-106	5.3	19
83	Synthesis and in vitro antiproliferative and antibacterial activity of new thiazolidine-2,4-dione derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018 , 33, 17-24	5.6	18
82	New hydrazide-hydrazones and 1,3-thiazolidin-4-ones with 3-hydroxy-2-naphthoic moiety: Synthesis, in vitro and in vivo studies. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 103, 1337-1347	7.5	17
81	Influence of 5-(3-chlorophenyl)-4-(4-methylphenyl)-2,4-dihydro-3H-1,2,4-triazole-3-thione on the anticonvulsant action of 4 classical antiepileptic drugs in the mouse maximal electroshock-induced seizure model. <i>Pharmacological Reports</i> , 2012 , 64, 970-8	3.9	15
80	Cytotoxic Properties of 1,3,4-Thiadiazole Derivatives-A Review. <i>Molecules</i> , 2020 , 25,	4.8	15

79	Biological evaluation and molecular modelling study of thiosemicarbazide derivatives as bacterial type IIA topoisomerases inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 14-22	5.6	14
78	Synthesis and Antibacterial Activity of New Thiazolidine-2,4-dione-Based Chlorophenylthiosemicarbazone Hybrids. <i>Molecules</i> , 2018 , 23,	4.8	14
77	Study of direction of cyclization of 1-azolil-4-aryl/alkyl-thiosemicarbazides. <i>Heteroatom Chemistry</i> , 2010 , 21, 521-532	1.2	14
76	Halogen bonding in the antibacterial 1,2,4-triazole-3-thione derivative Spectroscopic properties, crystal structure and conformational analysis. <i>Journal of Molecular Structure</i> , 2015 , 1083, 187-193	3.4	13
75	Microbiologically active Mannich bases derived from 1,2,4-triazoles. The effect of C-5 substituent on antibacterial activity. <i>Medicinal Chemistry Research</i> , 2013 , 22, 2531-2537	2.2	13
74	Mechanism of 4-methyl-1,2,4-triazol-3-thiole reaction with formaldehyde. A DFT study. <i>Journal of Physical Organic Chemistry</i> , 2007 , 20, 1043-1049	2.1	13
73	Reaction of Hydrazide of (Tetrazol-5-yl)acetic Acid with Isothiocyanates and Antimicrobial Investigations of Newly-Obtained Compounds. <i>Heterocycles</i> , 2007 , 71, 2617	0.8	13
72	New hydrazide-hydrazones of isonicotinic acid: synthesis, lipophilicity and in vitro antimicrobial screening. <i>Chemical Biology and Drug Design</i> , 2018 , 91, 915-923	2.9	13
71	Design, synthesis and antimycobacterial activity of thiazolidine-2,4-dione-based thiosemicarbazone derivatives. <i>Bioorganic Chemistry</i> , 2020 , 97, 103676	5.1	12
70	Molecular mechanism of action and safety of 5-(3-chlorophenyl)-4-hexyl-2,4-dihydro-3-1,2,4-triazole-3-thione - a novel anticonvulsant drug candidate. <i>International Journal of Medical Sciences</i> , 2017 , 14, 741-749	3.7	12
69	New 3-hydroxy-2-naphthoic hydrazide derivatives: thiosemicarbazides and 1,2,4-triazole-3-thiones, their synthesis and in vitro antimicrobial evaluation. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 1945-1951	2	12
68	The antinociceptive effect of 4-substituted derivatives of 5-(4-chlorophenyl)-2-(morpholin-4-ylmethyl)-2,4-dihydro-3H-1,2,4-triazole-3-thione in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014 , 387, 367-75	3.4	11
67	The Reactions of Hydroiodide of 2-Amino-1-substituted Guanidine Derivatives with Aromatic Isothiocyanates. <i>Heterocycles</i> , 2002 , 57, 1135	0.8	11
66	Synthesis, antiproliferative and antimicrobial activity of new Mannich bases bearing 1,2,4-triazole moiety. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014 , 29, 786-95	5.6	10
65	Cytotoxic effect and molecular docking of 4-ethoxycarbonylmethyl-1-(piperidin-4-ylcarbonyl)-thiosemicarbazide--a novel topoisomerase II inhibitor. <i>Journal of Molecular Modeling</i> , 2013 , 19, 1319-24	2	10
64	Pharmacological and structure-activity relationship evaluation of 4-aryl-1-diphenylacetyl(thio)semicarbazides. <i>Molecules</i> , 2014 , 19, 4745-59	4.8	10
63	Synthesis and Antimicrobial Evaluation of New Schiff Base Hydrazones Bearing 1,2,4-Triazole Moiety. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014 , 189, 1611-1623	1	10
62	Discovery of Potent and Selective Halogen-Substituted Imidazole-Thiosemicarbazides for Inhibition of Growth In Vitro via Structure-Based Design. <i>Molecules</i> , 2019 , 24,	4.8	9

61	Search for human DNA topoisomerase II poisons in the group of 2,5-disubstituted-1,3,4-thiadiazoles. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015 , 30, 1021-1026	5.6	9
60	Synthesis and In Vitro Anti- Activity of Novel Thiazolidin-4-one Derivatives. <i>Molecules</i> , 2019 , 24,	4.8	9
59	Synthesis and in vitro antibacterial evaluation of 1-substituted-4-ethoxycarbonylmethylthiosemicarbazides and products of their dehydrocyclization. <i>Heteroatom Chemistry</i> , 2010 , 21, 131-138	1.2	9
58	Antimicrobial and antiprotozoal activity of 3-acetyl-2,5-disubstituted-1,3,4-oxadiazolines: a review. <i>Medicinal Chemistry Research</i> , 2020 , 29, 1-16	2.2	9
57	Synthesis of promising antimicrobial agents: hydrazide-hydrazones of 5-nitrofur-2-carboxylic acid. <i>Chemical Biology and Drug Design</i> , 2020 , 95, 260-269	2.9	9
56	Systematic Identification of Thiosemicarbazides for Inhibition of Growth In Vitro. <i>Molecules</i> , 2019 , 24,	4.8	9
55	Synthesis and antibacterial activity of 1,4-dibenzoylthiosemicarbazide derivatives. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 88, 1235-1242	7.5	8
54	Synthesis and Anthelmintic Activity of New Thiosemicarbazide Derivatives-A Preliminary Study. <i>Molecules</i> , 2020 , 25,	4.8	8
53	Synthesis and in vitro antimicrobial activity screening of new pipemidic acid derivatives. <i>Archives of Pharmacal Research</i> , 2018 , 41, 633-645	6.1	8
52	Synthesis and pharmacological properties of 3-(2-methyl-furan-3-yl)-4-substituted- α -1,2,4-triazoline-5-thiones. <i>Open Chemistry</i> , 2008 , 6, 47-53	1.6	8
51	Synthesis of 3-(Pyridin-4-Ylmethyl)-4-Substituted-1,2,4-Triazoline-5-Thione. <i>Journal of the Chinese Chemical Society</i> , 2007 , 54, 69-73	1.5	8
50	New Derivatives of 3-[(4-Phenyl-5-oxo-1,2,4-triazolin-1-yl)methyl]-4-substituted 1,2,4-Triazolin-5-one. <i>Heterocycles</i> , 2006 , 68, 779	0.8	8
49	Synthesis and antibacterial activity of some novel N2-hydroxymethyl and N2-aminomethyl derivatives of 4-aryl-5-(3-chlorophenyl)-2,4-dihydro-3H-1,2,4-triazole-3-thione. <i>Heteroatom Chemistry</i> , 2011 , 22, 737-743	1.2	7
48	Synthesis and Antibacterial Evaluation of Some Semicarbazides and 1,2,4-Triazol-5-Ones Containing Thiophene Moieties. <i>Journal of the Chinese Chemical Society</i> , 2010 , 57, 260-265	1.5	7
47	Antimicrobial Properties of 4-Aryl-3-(2-methyl-furan-3-yl)- α -1,2,4-triazoline-5-thiones. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009 , 184, 3149-3159	1	7
46	Dual Antibacterial and Anticancer Activity of 4-Benzoyl-1-dichlorobenzoylthiosemicarbazide Derivatives. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018 , 18, 529-540	2.2	7
45	Synthesis and antimycobacterial activity of thiazolidine-2,4-dione based derivatives with halogenbenzohydrazones and pyridinecarbohydrazones substituents. <i>European Journal of Medicinal Chemistry</i> , 2020 , 189, 112045	6.8	7
44	Lipophilicity Studies on Thiosemicarbazide Derivatives. <i>Molecules</i> , 2017 , 22,	4.8	6

43	Cytotoxicity and topoisomerase I/II inhibition activity of novel 4-aryl/alkyl-1-(piperidin-4-yl)-carbonylthiosemicarbazides and 4-benzoylthiosemicarbazides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014 , 29, 243-8	5.6	6
42	Synthesis and antimicrobial evaluation of new 1-[[4-(4-Halogenophenyl)-4H-1,2,4-triazol-3-yl]sulfonyl]acetyl-4-substituted thiosemicarbazides and products of their cyclization. <i>Heteroatom Chemistry</i> , 2012 , 23, 117-121	1.2	6
41	Synthesis and Antibacterial Activity of Some New Derivatives of Thiosemicarbazide and 1,2,4-Triazole. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013 , 188, 1661-1669	1	6
40	Novel Concept of Discrimination of 1,2,4-Triazole-3-thione and 3-Thiol Tautomers. <i>Journal of Chromatographic Science</i> , 2017 , 55, 117-129	1.4	6
39	Chemical and Pharmacological Properties of 3-(Thiophen-2-yl)-4-substituted- \square 2-1,2,4-triazoline-5-thiones. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 2669-2677		6
38	Influence of the solvent description on the predicted mechanism of SN2 reactions. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 12414-9	3.4	6
37	Synthesis and in vitro bioactivity study of new hydrazide-hydrazones of 5-bromo-2-iodobenzoic acid. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 130, 110526	7.5	6
36	Synthesis, Dissociation Constants, and Antimicrobial Activity of Novel 2,3-Disubstituted-1,3-thiazolidin-4-one Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2016 , 53, 393-402	1.9	6
35	RP-HPLC analysis and in vitro identification of antimycobacterial activity of novel thiosemicarbazides and 1,2,4-triazole derivatives. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 107, 501-11	3.5	5
34	New Derivatives of Thiosemicarbazide and 1,2,4-Triazoline-5-thione with Potential Antimicrobial Activity. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009 , 184, 559-567	1	5
33	Mechanism of 4-methyl-1,2,4-triazol-3-thione reaction with formaldehyde. <i>Journal of Physical Organic Chemistry</i> , 2008 , 21, 345-348	2.1	5
32	Antibacterial Activity of Fluorobenzoylthiosemicarbazides and Their Cyclic Analogues with 1,2,4-Triazole Scaffold. <i>Molecules</i> , 2020 , 26,	4.8	5
31	Antimicrobial and Physicochemical Characterizations of Thiosemicarbazide and S-Triazole Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014 , 189, 1539-1545	1	4
30	Novel Derivatives of 4-Methyl-1,2,3-Thiadiazole-5-Carboxylic Acid Hydrazide: Synthesis, Lipophilicity, and In Vitro Antimicrobial Activity Screening. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 1180	2.6	4
29	Synthesis and Antibacterial Evaluation of Mannich Bases Derived from 1,2,4-Triazole. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1900377	2.5	3
28	Synthesis and theoretical characterization of some new 4-substituted-1,3-diphenyl-5-thioxo-4,5-dihydro-1H-1,2,4-triazoles with potential pharmacological activity. <i>Heteroatom Chemistry</i> , 2008 , 19, 713-718	1.2	3
27	Antibacterial Activity and Structure-activity Relationship Studies of 4-substituted-5-(diphenylmethyl)-2,4-dihydro-3H-1,2,4-triazole-3-thiones. <i>Letters in Drug Design and Discovery</i> , 2012 , 10, 95-101	0.8	3
26	Diversity in Antibacterial Activity of Thiosemicarbazides Derived from 3-Chlorobenzhydrazide. <i>Letters in Drug Design and Discovery</i> , 2013 , 10, 492-496	0.8	3

25	Synthesis and Antibacterial Activity of 4,5-disubstituted-1,2,4-triazole-3- thiones. <i>Letters in Drug Design and Discovery</i> , 2013 , 10, 917-922	0.8	3
24	New benzenesulphonohydrazide derivatives as potential antitumour agents. <i>Oncology Letters</i> , 2020 , 20, 136	2.6	3
23	Synthesis and biological action of 1-aminomethyl derivatives of 3-R-4-phenyl-delta2-1,2,4-triazoline-5-thione. <i>Acta Poloniae Pharmaceutica</i> , 2005 , 62, 443-9	1.3	3
22	Synthesis, lipophilicity and antimicrobial activity of new derivatives of thiosemicarbazides and 1,2,4-triazoline-5-thione. <i>Acta Poloniae Pharmaceutica</i> , 2009 , 66, 73-82	1.3	3
21	Synthesis and in Vitro Antimicrobial Activity Screening of New 3-Acetyl-2,5-disubstituted-1,3,4-oxadiazoline Derivatives. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1900082 ^{2.5}		2
20	Determination of Lipophilicity of New Thiosemicarbazide and 1,2,4-triazole-3-thione Derivatives Using Reversed-Phase HPLC Method and Theoretical Calculations. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015 , 38, 430-437	1.3	2
19	Synthesis and in vitro study of antiviral and virucidal activity of novel 2-[(4-methyl-4H-1,2,4-triazol-3-yl)sulfanyl]acetamide derivatives. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2011 , 66, 333-9	1.7	2
18	Novel 3-Acetyl-2,5-disubstituted-1,3,4-oxadiazolines: Synthesis and Biological Activity. <i>Molecules</i> , 2020 , 25,	4.8	2
17	Synthesis and evaluation of antimicrobial properties of new Mannich bases of 4,5-disubstituted-1,2,4-triazole-3-thiones. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017 , 192, 880-885	1	1
16	Influence of Thiazolidine-2,4-Dione Derivatives with Azolidine or Thiosemicarbazone Moieties on spp. Planktonic or Biofilm-Forming Cells. <i>Molecules</i> , 2019 , 24,	4.8	1
15	Synergistic Effects of Thiosemicarbazides with Clinical Drugs against. <i>Molecules</i> , 2020 , 25,	4.8	1
14	Synthesis and Antimicrobial Evaluation of 1-{3-[(Furan-2-Ylmethyl)Sulfanyl] Propanoyl}-4-Substituted Thiosemicarbazides and their Products of Cyclization to 1,2,4-Triazole Ring. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014 , 189, 293-299	1	1
13	Structure-activity relationship of s-triazoles and thiadiazoles as analgesics. <i>Heteroatom Chemistry</i> , 2010 , 21, 256-264	1.2	1
12	Usefulness of thin-layer chromatography for the prediction of high-performance liquid chromatographic retention behavior of new 1,2,4-triazole and thiosemicarbazide derivatives. <i>Journal of Planar Chromatography - Modern TLC</i> , 2015 , 28, 24-29	0.9	1
11	Preliminary Pharmacological Screening of Some Thiosemicarbazide, s-triazole, and Thiadiazole Derivatives. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 730-9	2.6	1
10	New Drugs - From Necessity to Delivery. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2018 , 31, 69-75 ^{0.5}		1
9	Statistical Analysis of the Impact of Molecular Descriptors on Antimicrobial Activity of Thiourea Derivatives Incorporating 3-amino-1,2,4-triazole Scaffold. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 171-184	0.4	1
8	Novel 2,3-disubstituted 1,3-thiazolidin-4-one derivatives as potential antitumor agents in renal cell adenocarcinoma. <i>Oncology Reports</i> , 2019 , 41, 693-701	3.5	1

7	Synthesis and biological action of 1-substituted-3-R-4-phenyl-delta 2-1,2,4-triazoline-5-thione. <i>Acta Poloniae Pharmaceutica</i> , 2003 , 60, 451-6	1.3	1
6	New 1,3,4-Thiadiazole Derivatives with Anticancer Activity.. <i>Molecules</i> , 2022 , 27,	4.8	1
5	Design, Synthesis, Antibacterial Evaluations and In Silico Studies of Novel Thiosemicarbazides and 1,3,4-Thiadiazoles. <i>Molecules</i> , 2022 , 27, 3161	4.8	0
4	Synthetic route to isotopically labelled-oxamate. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2011 , 54, 344-344	1.9	
3	The blue pill (sildenafil) and its descendants: an overview. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2017 , 30, 129-133	0.5	
2	4-Ethyl-3-(2-thienylmethyl)- Δ^1 ,2,4-triazoline-5-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o274		
1	Synthesis of new derivatives of 4-substituted-3-(naphthalen-1-ylmethyl)- Δ^1 ,2,4-triazoline-5-thiones. <i>Annales Universitatis Mariae Curie-Sklodowska Sectio DDD Pharmacia</i> , 2009 , 22, 65-68		