## Monika Wujec

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2306355/publications.pdf Version: 2024-02-01



MONIKA WHIEC

#	Article	IF	CITATIONS
1	Synthesis and antimicrobial activity of thiosemicarbazides, s-triazoles and their Mannich bases bearing 3-chlorophenyl moiety. European Journal of Medicinal Chemistry, 2011, 46, 241-248.	2.6	126
2	Synthesis and inÂvitro activity of 1,2,4-triazole-ciprofloxacin hybrids against drug-susceptible and drug-resistant bacteria. European Journal of Medicinal Chemistry, 2013, 60, 128-134.	2.6	89
3	Synthesis, characterization and preliminary anticonvulsant evaluation of some 4-alkyl-1,2,4-triazoles. European Journal of Medicinal Chemistry, 2013, 60, 208-215.	2.6	84
4	Synthesis and potential antimycotic activity of 4-substituted-3-(thiophene-2-yl-methyl)-Delta2-1,2,4-triazoline-5-thiones. Acta Pharmaceutica, 2004, 54, 251-60.	0.9	44
5	Cytotoxic Properties of 1,3,4-Thiadiazole Derivatives—A Review. Molecules, 2020, 25, 4309.	1.7	40
6	Studies on the Anticonvulsant Activity and Influence on GABA-ergic Neurotransmission of 1,2,4-Triazole-3-thione- Based Compounds. Molecules, 2014, 19, 11279-11299.	1.7	35
7	Kinetic Isotope Effects on Dehalogenations at an Aromatic Carbon. Environmental Science & Technology, 2008, 42, 7744-7750.	4.6	34
8	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. Saudi Pharmaceutical Journal, 2018, 26, 568-577.	1.2	34
9	New hydrazide-hydrazones and 1,3-thiazolidin-4-ones with 3-hydroxy-2-naphthoic moiety: Synthesis, in vitro and in vivo studies. Biomedicine and Pharmacotherapy, 2018, 103, 1337-1347.	2.5	33
10	Synthesis and <i>in vitro</i> antiproliferative and antibacterial activity of new thiazolidine-2,4-dione derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 17-24.	2.5	31
11	Biological and docking studies of topoisomerase IV inhibition by thiosemicarbazides. Journal of Molecular Modeling, 2011, 17, 2297-2303.	0.8	29
12	Studies on the synthesis and antibacterial activity of 3,6-disubstituted 1,2,4-triazolo[3,4-b]1,3,4-thiadiazoles. European Journal of Medicinal Chemistry, 2012, 47, 580-584.	2.6	28
13	Synthesis and Antibacterial Activity of New Thiazolidine-2,4-dione-Based Chlorophenylthiosemicarbazone Hybrids. Molecules, 2018, 23, 1023.	1.7	28
14	Thiol–thione tautomeric forms recognition on the example of 4â€{3â€{2â€methylâ€furanâ€3â€yl)â€5â€thioxoâ€1,2,4â€triazolinâ€4â€yl]acetic acid. Heteroatom Chemistry,	2008, 19,	33 <del>7</del> -344.
15	Design, synthesis and antimycobacterial activity of thiazolidine-2,4-dione-based thiosemicarbazone derivatives. Bioorganic Chemistry, 2020, 97, 103676.	2.0	26
16	Synthesis, structure and investigations of tuberculosis inhibition activities of new 4â€methylâ€1â€substitutedâ€1 <i>H</i> â€1,2,4â€triazoleâ€5(4 <i>H</i> )â€thione. Journal of Heterocyclic Chen 45, 1893-1896.	nistury, 200	8,25
17	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. European Journal of Pharmacology, 2012, 690, 99-106.	1.7	24
18	New hydrazide–hydrazones of isonicotinic acid: synthesis, lipophilicity and in vitro antimicrobial screening. Chemical Biology and Drug Design, 2018, 91, 915-923.	1.5	24

#	Article	IF	CITATIONS
19	Cyclization of 1-{[(4-Methyl-4H-1,2,4-triazol-3-yl)sulfanyl]acetyl}thiosemicarbazides to 1,2,4-Triazole and 1,3,4-Thiadiazole Derivatives and Their Pharmacological Properties. Collection of Czechoslovak Chemical Communications, 2005, 70, 51-62.	1.0	23
20	Antimicrobial and antiprotozoal activity of 3-acetyl-2,5-disubstituted-1,3,4-oxadiazolines: a review. Medicinal Chemistry Research, 2020, 29, 1-16.	1.1	23
21	Synthesis and Anthelmintic Activity of New Thiosemicarbazide Derivatives—A Preliminary Study. Molecules, 2020, 25, 2770.	1.7	20
22	Molecular mechanism of action and safety of 5-(3-chlorophenyl)-4-hexyl-2,4-dihydro-3 <i>H</i> -1,2,4-triazole-3-thione - a novel anticonvulsant drug candidate. International Journal of Medical Sciences, 2017, 14, 741-749.	1.1	19
23	Study of direction of cyclization of 1â€azolilâ€4â€aryl/alkylâ€thiosemicarbazides. Heteroatom Chemistry, 2010, 21, 521-532.	0.4	18
24	Synthesis, antiproliferative and antimicrobial activity of new Mannich bases bearing 1,2,4-triazole moiety. Journal of Enzyme Inhibition and Medicinal Chemistry, 2014, 29, 786-795.	2.5	18
25	Biological evaluation and molecular modelling study of thiosemicarbazide derivatives as bacterial type IIA topoisomerases inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 14-22.	2.5	18
26	Synthesis of promising antimicrobial agents: hydrazideâ€hydrazones of 5â€nitrofuranâ€2â€carboxylic acid. Chemical Biology and Drug Design, 2020, 95, 260-269.	1.5	18
27	Synthesis and in vitro bioactivity study of new hydrazide-hydrazones of 5-bromo-2-iodobenzoic acid. Biomedicine and Pharmacotherapy, 2020, 130, 110526.	2.5	18
28	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. Pharmacological Reports, 2012, 64, 970-978.	1.5	17
29	New 1,3,4-Thiadiazole Derivatives with Anticancer Activity. Molecules, 2022, 27, 1814.	1.7	17
30	Synthesis and in vitro antimicrobial activity screening of new pipemidic acid derivatives. Archives of Pharmacal Research, 2018, 41, 633-645.	2.7	16
31	Discovery of Potent and Selective Halogen-Substituted Imidazole-Thiosemicarbazides for Inhibition of Toxoplasma gondii Growth In Vitro via Structure-Based Design. Molecules, 2019, 24, 1618.	1.7	16
32	Systematic Identification of Thiosemicarbazides for Inhibition of Toxoplasma gondii Growth In Vitro. Molecules, 2019, 24, 614.	1.7	16
33	Synthesis and antimycobacterial activity of thiazolidine-2,4-dione based derivatives with halogenbenzohydrazones and pyridinecarbohydrazones substituents. European Journal of Medicinal Chemistry, 2020, 189, 112045.	2.6	16
34	Reaction of Hydrazide of (Tetrazol-5-yl)acetic Acid with Isothiocyanates and Antimicrobial Investigations of Newly-Obtained Compounds. Heterocycles, 2007, 71, 2617.	0.4	15
35	Microbiologically active Mannich bases derived from 1,2,4-triazoles. The effect of C-5 substituent on antibacterial activity. Medicinal Chemistry Research, 2013, 22, 2531-2537.	1.1	15
36	Synthesis and In Vitro Anti-Toxoplasma gondii Activity of Novel Thiazolidin-4-one Derivatives. Molecules, 2019, 24, 3029.	1.7	15

#	Article	IF	CITATIONS
37	Antibacterial Activity of Fluorobenzoylthiosemicarbazides and Their Cyclic Analogues with 1,2,4-Triazole Scaffold. Molecules, 2021, 26, 170.	1.7	15
38	The Reactions of Hydroiodide of 2-Amino-1-substituted Guanidine Derivatives with Aromatic Isothiocyanates. Heterocycles, 2002, 57, 1135.	0.4	14
39	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. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 367-375.	1.4	14
40	Halogen bonding in the antibacterial 1,2,4-triazole-3-thione derivative – Spectroscopic properties, crystal structure and conformational analysis. Journal of Molecular Structure, 2015, 1083, 187-193.	1.8	14
41	New 3-hydroxy-2-naphthoic hydrazide derivatives: thiosemicarbazides and 1,2,4-triazole-3-thiones, their synthesis and in vitro antimicrobial evaluation. Journal of the Iranian Chemical Society, 2016, 13, 1945-1951.	1.2	14
42	Mechanism of 4â€methylâ€1,2,4â€ŧriazolâ€3â€ŧhiole reaction with formaldehyde. A DFT study. Journal of Physic Organic Chemistry, 2007, 20, 1043-1049.	<sup>al</sup> 0.9	13
43	Cytotoxic effect and molecular docking of 4-ethoxycarbonylmethyl-1-(piperidin-4-ylcarbonyl)-thiosemicarbazide—a novel topoisomerase II inhibitor. Journal of Molecular Modeling, 2013, 19, 1319-1324.	0.8	13
44	Synthesis and Antimicrobial Evaluation of New Schiff Base Hydrazones Bearing 1,2,4-Triazole Moiety. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 1611-1623.	0.8	13
45	Search for human DNA topoisomerase II poisons in the group of 2,5-disubstituted-1,3,4-thiadiazoles. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 1021-1026.	2.5	13
46	Synthesis, Dissociation Constants, and Antimicrobial Activity of Novel 2,3â€Disubstitutedâ€1,3â€thiazolidinâ€4â€one Derivatives. Journal of Heterocyclic Chemistry, 2016, 53, 393-40	2. <sup>1.4</sup>	13
47	Synthesis and antibacterial activity of 1,4-dibenzoylthiosemicarbazide derivatives. Biomedicine and Pharmacotherapy, 2017, 88, 1235-1242.	2.5	12
48	Novel Derivatives of 4-Methyl-1,2,3-Thiadiazole-5-Carboxylic Acid Hydrazide: Synthesis, Lipophilicity, and In Vitro Antimicrobial Activity Screening. Applied Sciences (Switzerland), 2021, 11, 1180.	1.3	12
49	Design, Synthesis, Antibacterial Evaluations and In Silico Studies of Novel Thiosemicarbazides and 1,3,4-Thiadiazoles. Molecules, 2022, 27, 3161.	1.7	12
50	Synthesis and pharmacological properties of 3-(2-methyl-furan-3-yl)-4-substituted-Δ2-1,2,4-triazoline-5-thiones. Open Chemistry, 2008, 6, 47-53.	1.0	11
51	Synthesis and in vitro antibacterial evaluation of 1â€substitutedâ€4â€ethoxycarbonylmethylthiosemicarbazides and products of their dehydrocyclization. Heteroatom Chemistry, 2010, 21, 131-138.	0.4	11
52	Pharmacological and Structure-Activity Relationship Evaluation of 4-aryl-1-Diphenylacetyl(thio)semicarbazides. Molecules, 2014, 19, 4745-4759.	1.7	11
53	New benzenesulphonohydrazide derivatives as potential antitumour agents. Oncology Letters, 2020, 20, 1-1.	0.8	11
54	RP-HPLC analysis and in vitro identification of antimycobacterial activity of novel thiosemicarbazides and 1,2,4-triazole derivatives. Journal of Pharmaceutical and Biomedical Analysis, 2015, 107, 501-511.	1.4	10

#	Article	IF	CITATIONS
55	The Current Directions of Searching for Antiparasitic Drugs. Molecules, 2022, 27, 1534.	1.7	10
56	Synthesis of 3â€(Pyridinâ€4‥lmethyl)â€4â€Substitutedâ€1,2,4â€Triazolineâ€5â€Thione. Journal of the Chines Society, 2007, 54, 69-73.	e Chemio	cal 9
57	Chemical and Pharmacological Properties of 3-(Thiophen-2-yl)-4-substituted-Δ <sup>2</sup> -1,2,4-triazoline-5-thiones. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 2669-2677.	0.8	9
58	Synthesis and Antibacterial Activity of Some New Derivatives of Thiosemicarbazide and 1,2,4-Triazole. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 1661-1669.	0.8	9
59	New Derivatives of 3-[(4-Phenyl-5-oxo-1,2,4-triazolin-1-yl)methyl]-4-substituted 1,2,4-Triazolin-5-one. Heterocycles, 2006, 68, 779.	0.4	9
60	Antimicrobial Properties of 4-Aryl-3-(2-methyl-furan-3-yl)-Δ <sup>2</sup> -1,2,4-triazoline-5-thiones. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 3149-3159.	0.8	8
61	Synthesis and antibacterial activity of some novel N2â€hydroxymethyl and N2â€aminomethyl derivatives of 4â€arylâ€5â€(3â€chlorophenyl)â€2,4â€dihydroâ€3Hâ€1,2,4à€triazoleâ€3â€thione. Heteroatom Chemistry, 201	1,22,73	37-7 <sup>8</sup> 43.
62	Antimicrobial and Physicochemical Characterizations of Thiosemicarbazide and <i>S</i> -Triazole Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 1539-1545.	0.8	8
63	Lipophilicity Studies on Thiosemicarbazide Derivatives. Molecules, 2017, 22, 952.	1.7	8
64	Synthesis and Antibacterial Evaluation of Mannich Bases Derived from 1,2,4‶riazole. Chemistry and Biodiversity, 2019, 16, e1900377.	1.0	8
65	Dual Antibacterial and Anticancer Activity of 4-Benzoyl-1-dichlorobenzoylthiosemicarbazide Derivatives. Anti-Cancer Agents in Medicinal Chemistry, 2018, 18, 529-540.	0.9	8
66	Influence of the Solvent Description on the Predicted Mechanism of SN2 Reactions. Journal of Physical Chemistry B, 2008, 112, 12414-12419.	1.2	7
67	Synthesis and Antibacterial Evaluation of Some Semicarbazides and 1,2,4â€Triazolâ€5â€Ones Containing Thiophene Moieties. Journal of the Chinese Chemical Society, 2010, 57, 260-265.	0.8	7
68	Synthesis and antimicrobial evaluation of new 1â€{[4â€(4â€Halogenophenyl)â€4 <i>H</i> â€1,2,4― triazolâ€3â€yl]sulfanyl}acetylâ€4â€substituted thiosemicarbazides and products of their cyclization. Heteroatom Chemistry, 2012, 23, 117-121.	0.4	7
69	Cytotoxicity and topoisomerase I/II inhibition activity of novel 4-aryl/alkyl-1-(piperidin-4-yl)-carbonylthiosemicarbazides and 4-benzoylthiosemicarbazides. Journal of Enzyme Inhibition and Medicinal Chemistry, 2014, 29, 243-248.	2.5	7
70	Novel Concept of Discrimination of 1,2,4-Triazole-3-thione and 3-Thiol Tautomers. Journal of Chromatographic Science, 2017, 55, 117-129.	0.7	7
71	New Derivatives of Thiosemicarbazide and 1,2,4-Triazoline-5-thione with Potential Antimicrobial Activity. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 559-567.	0.8	6
72	Determination of Lipophilicity of New Thiosemicarbazide and 1,2,4-triazole-3-thione Derivatives Using Reversed-Phase HPLC Method and Theoretical Calculations. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 430-437.	0.5	6

#	Article	IF	CITATIONS
73	Synergistic Effects of Thiosemicarbazides with Clinical Drugs against S. aureus. Molecules, 2020, 25, 2302.	1.7	6
74	Mechanism of 4â€methylâ€1,2,4â€triazolâ€3â€thione reaction with formaldehyde. Journal of Physical Organic Chemistry, 2008, 21, 345-348.	0.9	5
75	Synthesis and theoretical characterization of some new 4â€substitutedâ€1,3â€diphenylâ€5â€thioxoâ€4,5â€dihydroâ€1 <i>H</i> â€1,2,4â€triazoles with potential pharma activity. Heteroatom Chemistry, 2008, 19, 713-718.	accalegical	5
76	Novel 2,3‑disubstituted 1,3‑thiazolidin‑4‑one derivatives as potential antitumor agents in renal cell adenocarcinoma. Oncology Reports, 2018, 41, 693-701.	1.2	5
77	Synthesis and in Vitro Antimicrobial Activity Screening of New 3â€Acetylâ€2,5â€disubstitutedâ€1,3,4â€oxadiazoline Derivatives. Chemistry and Biodiversity, 2019, 16, e190008	2.0	5
78	Novel 3-Acetyl-2,5-disubstituted-1,3,4-oxadiazolines: Synthesis and Biological Activity. Molecules, 2020, 25, 5844.	1.7	5
79	Synthesis, Biological Activity and Molecular Docking Studies of Novel Nicotinic Acid Derivatives. International Journal of Molecular Sciences, 2022, 23, 2823.	1.8	5
80	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. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2011, 66, 333-339.	0.6	4
81	Novel 2,4,6-Trimethylbenzenesulfonyl Hydrazones with Antibacterial Activity: Synthesis and In Vitro Study. Materials, 2021, 14, 2723.	1.3	4
82	Synthesis and Antibacterial Activity of 4,5-disubstituted-1,2,4-triazole-3- thiones. Letters in Drug Design and Discovery, 2013, 10, 917-922.	0.4	4
83	Antibacterial Activity and Structure-activity Relationship Studies of 4- substituted-5-(diphenylmethyl)-2,4-dihydro-3H-1,2,4-triazole-3-thiones. Letters in Drug Design and Discovery, 2012, 10, 95-101.	0.4	3
84	Diversity in Antibacterial Activity of Thiosemicarbazides Derived from 3-Chlorobenzhydrazide. Letters in Drug Design and Discovery, 2013, 10, 492-496.	0.4	3
85	Synthesis and biological action of 1-aminomethyl derivatives of 3-R-4-phenyl-delta2-1,2,4-triazoline-5-thione. Acta Poloniae Pharmaceutica, 2005, 62, 443-9.	0.3	3
86	Synthesis, lipophilicity and antimicrobial activity of new derivatives of thiosemicarbazides and 1,2,4-triazoline-5-thione. Acta Poloniae Pharmaceutica, 2009, 66, 73-82.	0.3	3
87	Structure–activity relationship of <i>s</i> â€ŧriazoles and thiadiazoles as analgesics. Heteroatom Chemistry, 2010, 21, 256-264.	0.4	2
88	Influence of Thiazolidine-2,4-Dione Derivatives with Azolidine or Thiosemicarbazone Moieties on Haemophilus spp. Planktonic or Biofilm-Forming Cells. Molecules, 2019, 24, 1051.	1.7	2
89	Halogen Substituents as an Effective Modulators of Antibacterial Activity of Substituted 1,2,4-triazole-3-thiones. Letters in Drug Design and Discovery, 2012, 9, 947-952.	0.4	2
90	New Drugs - From Necessity to Delivery. Current Issues in Pharmacy and Medical Sciences, 2018, 31, 69-75.	0.1	2

#	Article	IF	CITATIONS
91	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. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 293-299.	0.8	1
92	Synthesis and evaluation of antimicrobial properties of new Mannich bases of 4,5-disubstituted-1,2,4-triazole-3-thiones. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 880-885.	0.8	1
93	Usefulness of thin-layer chromatography for the prediction of high-performance liquid chromatographic retention behavior of new 1,2,4-triazole and thiosemicarbazide derivatives. Journal of Planar Chromatography - Modern TLC, 2015, 28, 24-29.	0.6	1
94	The Effect of N-4 Substituent on Antibacterial Activity of Novel Hydroxymethyl/Aminomethyl Derivatives of 1,2,4-Triazole-3-thione. Letters in Drug Design and Discovery, 2012, 9, 633-637.	0.4	1
95	Antibacterial Characterization of 1-benzoyl-4-arylthiosemicarbazides and the study of their structure-activity relationship. Letters in Drug Design and Discovery, 2012, 9, 828-832.	0.4	1
96	Synthesis and In Vitro Antimicrobial Evaluation of 4-alkyl/aryl-1-(3-phenoxypropionyl)-thiosemicarbazides. Letters in Drug Design and Discovery, 2010, 7, 737-742.	0.4	1
97	Antibacterial Activity and Structure-Activity Relationship Studies of 4- aryl/alkyl-1-(diphenylacetyl)thiosemicarbazides. Letters in Drug Design and Discovery, 2013, 10, 748-757.	0.4	1
98	Preliminary Pharmacological Screening of Some Thiosemicarbazide, s-triazole, and Thiadiazole Derivatives. CNS and Neurological Disorders - Drug Targets, 2016, 15, 730-739.	0.8	1
99	Statistical Analysis of the Impact of Molecular Descriptors on Antimicrobial Activity of Thiourea Derivatives Incorporating 3-amino-1,2,4-triazole Scaffold. Advances in Intelligent Systems and Computing, 2018, , 171-184.	0.5	1
100	Synthesis and biological action of 1-substituted-3-R-4-phenyl-delta 2-1,2,4-triazoline-5-thione. Acta Poloniae Pharmaceutica, 2003, 60, 451-6.	0.3	1
101	Cyclization of 1-{[(4-Methyl-4H-1,2,4-triazol-3-yl)sulfanyl]acetyl}thiosemicarbazides to 1,2,4-Triazole and 1,3,4-Thiadiazole Derivatives and Their Pharmacological Properties ChemInform, 2005, 36, no.	0.1	0
102	Synthetic route to isotopically labelled-oxamate. Journal of Labelled Compounds and Radiopharmaceuticals, 2011, 54, 344-344.	0.5	0
103	4-Ethyl-3-(2-thienylmethyl)-Δ2-1,2,4-triazoline-5-thione. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o274-o274.	0.2	0
104	Synthesis of new derivatives of 4-substituted-3-(naphtalen-1-ylmethyl)-Δ <sup>2</sup> -1,2,4-triazoline-5-thiones. Annales Universitatis Mariae Curie-Sklodowska Sectio DDD Pharmacia, 2009, 22, 65-68.	0.1	0
105	The blue pill (sildenafil) and its descendants: an overview. Current Issues in Pharmacy and Medical Sciences, 2017, 30, 129-133.	0.1	0