

Marta Struga

List of Publications by Year in descending order

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87
papers

1,112
citations

430874

18
h-index

501196

28
g-index

89
all docs

89
docs citations

89
times ranked

1356
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticancer activities of fatty acids and their heterocyclic derivatives. <i>European Journal of Pharmacology</i> , 2020, 871, 172937.	3.5	85
2	Synthesis, cytotoxicity and antimicrobial activity of thiourea derivatives incorporating 3-(trifluoromethyl)phenyl moiety. <i>European Journal of Medicinal Chemistry</i> , 2015, 101, 111-125.	5.5	74
3	Disubstituted thiourea derivatives and their activity on CNS: Synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2012, 55, 205-213.	5.5	53
4	Experimental and computational analysis of 1-(4-chloro-3-nitrophenyl)-3-(3,4-dichlorophenyl)thiourea. <i>Journal of Molecular Structure</i> , 2020, 1205, 127587.	3.6	53
5	Synthesis and Pharmacological Activity of Urea and Thiourea Derivatives of 4-Azatricyclo[5.2.2.0 ^{2,6}]undec-8-ene-3,5-dione. <i>Chemical and Pharmaceutical Bulletin</i> , 2007, 55, 796-799.	1.3	47
6	Antimicrobial and Anti-biofilm Activity of Thiourea Derivatives Incorporating a 2-Aminothiazole Scaffold. <i>Chemical and Pharmaceutical Bulletin</i> , 2015, 63, 225-236.	1.3	46
7	Anticancer and antimicrobial effects of novel ciprofloxacin fatty acids conjugates. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111810.	5.5	42
8	Synthesis and Biological Evaluation of Novel Indole-Derived Thioureas. <i>Molecules</i> , 2018, 23, 2554.	3.8	36
9	Design and synthesis of novel 1H-tetrazol-5-amine based potent antimicrobial agents: DNA topoisomerase IV and gyrase affinity evaluation supported by molecular docking studies. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 631-640.	5.5	27
10	Synthesis, pharmacological and antiviral activity of 1,3-thiazepine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4960-4969.	5.5	26
11	Synthesis, structural and antimicrobial studies of type II topoisomerase-targeted copper(II) complexes of 1,3-disubstituted thiourea ligands. <i>Journal of Inorganic Biochemistry</i> , 2018, 182, 61-70.	3.5	25
12	5-HT ₂ receptor affinity, docking studies and pharmacological evaluation of a series of 1,3-disubstituted thiourea derivatives. <i>European Journal of Medicinal Chemistry</i> , 2016, 116, 173-186.	5.5	23
13	Synthesis and anticancer effects of conjugates of doxorubicin and unsaturated fatty acids (LNA and) Tj ETQq1 1 0.784314 rgBT /Over 2.4 23		
14	1H-Tetrazol-5-amine and 1,3-thiazolidin-4-one derivatives containing 3-(trifluoromethyl)phenyl scaffold: Synthesis, cytotoxic and anti-HIV studies. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 804-812.	5.6	22
15	Two coordination modes around the Cu(II) cations in complexes with benzo[b]furan carboxylic acids. <i>Chemical Physics Letters</i> , 2013, 559, 41-45.	2.6	20
16	Synthesis, structural studies and biological activity of novel Cu(II) complexes with thiourea derivatives of 4-azatricyclo[5.2.1.0 ^{2,6}]dec-8-ene-3,5-dione. <i>Journal of Inorganic Biochemistry</i> , 2017, 176, 8-16.	3.5	20
17	Synthesis and microbiological activity of thiourea derivatives of 4-azatricyclo[5.2.2.0 ^{2,6}]undec-8-ene-3,5-dione. <i>Archives of Pharmacal Research</i> , 2010, 33, 47-54.	6.3	18
18	Synthesis and structural studies of novel Cu(II) complexes with hydroxy derivatives of benzo[b]furan and coumarin. <i>Polyhedron</i> , 2012, 43, 71-80.	2.2	18

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19	Synthesis and Antimicrobial Activity of 4-Chloro-3-Nitrophenylthiourea Derivatives Targeting Bacterial Type II Topoisomerases. <i>Chemical Biology and Drug Design</i> , 2016, 87, 905-917.	3.2	18
20	Synthesis and Biological Activities of Ethyl 2-(2-pyridylacetate) Derivatives Containing Thiourea, 1,2,4-triazole, Thiadiazole and Oxadiazole Moieties. <i>Molecules</i> , 2017, 22, 409.	3.8	18
21	4-Azatricyclo[5.2.2.0 ^{2,6}]undecane-3,5,8-triones as Potential Pharmacological Agents. <i>Molecules</i> , 2008, 13, 1570-1583.	3.8	16
22	Synthesis and Evaluation of in Vitro Biological Activity of 4-Substituted Arylpiperazine Derivatives of 1,7,8,9-Tetrachloro-10,10-dimethoxy-4-azatricyclo[5.2.1.0 ^{2,6}]dec-8-ene-3,5-dione. <i>Molecules</i> , 2009, 14, 5189-5202.	3.8	16
23	Synthesis, Antimicrobial and Pharmacological Evaluation of Thioureaderivatives of 4H-1,2,4-triazole. <i>Letters in Drug Design and Discovery</i> , 2015, 12, 263-276.	0.7	16
24	Synthesis and antibacterial activity of bis-[2-hydroxy-3-(1,7,8,9,10-pentamethyl-3,5-dioxo-4-aza-tricyclo[5.2.1.0 ^{2,6}]dec-8-en-4-yloxy)-propyl]-dimethyl-ammonium chloride. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 1309-1314.	1.6	15
25	New thiourea and 1,3-thiazolidin-4-one derivatives effective on the HIV-1 virus. <i>Chemical Biology and Drug Design</i> , 2017, 90, 883-891.	3.2	15
26	Binding Modes of Chain Arylpiperazines to 5-HT _{1a} , 5-HT _{2a} and 5-HT ₇ Receptors. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 1516-1539.	2.4	15
27	Vibrational spectroscopy (FT-IR and Laser-Raman) investigation, and computational (M06-2X and B3LYP) analysis on the structure of 4-(3-fluorophenyl)-1-(propan-2-ylidene)-thiosemicarbazone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 91-99.	3.9	12
28	Antimicrobial and Anti-biofilm Activity of Thiourea Derivatives Bearing 3-amino-1H-1,2,4-triazole Scaffold. <i>Medicinal Chemistry</i> , 2016, 12, 478-488.	1.5	12
29	The role of tumor-derived exosomes in tumor angiogenesis and tumor progression. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2019, 32, 193-202.	0.4	12
30	Development of (4-methoxyphenyl)-1H-tetrazol-5-amine regioisomers as a new class of selective antitubercular agents. <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111882.	5.5	10
31	Molecular mechanisms of ethanol biotransformation: enzymes of oxidative and nonoxidative metabolic pathways in human. <i>Xenobiotica</i> , 2020, 50, 1180-1201.	1.1	10
32	Synthesis, characterization and supramolecular synthons in crystals of new derivatives of 10-oxa-4-azatricyclo[5.2.1.0 ^{2,6}]dec-8-ene-3,5-dione. <i>Journal of Molecular Structure</i> , 2010, 965, 23-30.	3.6	9
33	Biological evaluation of novel 1,4-dithiine derivatives as potential antimicrobial agents. <i>Medicinal Chemistry Research</i> , 2011, 20, 1411-1420.	2.4	9
34	Derivatives of benzo[b]furan. Part II. Structural studies of derivatives of 2- and 3-benzo[b]furancarboxylic acids. <i>Structural Chemistry</i> , 2012, 23, 1617-1629.	2.0	9
35	Anticancer effects of alloxanthoxyletin and fatty acids esters – In vitro study on cancer HTB-140 and A549 cells. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 618-630.	5.6	9
36	Structure and anticancer activity of Cu(II) complexes with (bromophenyl)thiourea moiety attached to the polycyclic imide. <i>Journal of Inorganic Biochemistry</i> , 2020, 212, 111234.	3.5	9

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37	The Cytotoxic Effect of Copper (II) Complexes with Halogenated 1,3-Disubstituted Arylthioureas on Cancer and Bacterial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11415.	4.1	9
38	The Effect of Fatty Acids on Ciprofloxacin Cytotoxic Activity in Prostate Cancer Cell Lines—Does Lipid Component Enhance Anticancer Ciprofloxacin Potential?. <i>Cancers</i> , 2022, 14, 409.	3.7	9
39	The Effect of Conjugation of Ciprofloxacin and Moxifloxacin with Fatty Acids on Their Antibacterial and Anticancer Activity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6261.	4.1	9
40	The New Face of a Well-Known Antibiotic: A Review of the Anticancer Activity of Enoxacin and Its Derivatives. <i>Cancers</i> , 2022, 14, 3056.	3.7	9
41	Synthesis of new derivatives of 2,2-dimethyl-2,3-dihydro-7-benzo[b]furanol with potential antimicrobial activity. <i>Medicinal Chemistry Research</i> , 2009, 18, 555-565.	2.4	8
42	Anticancer effects of O-aminoalkyl derivatives of alloxanthoxyletin and seselin. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 1412-1424.	5.6	8
43	Novel multitarget 5-arylidenehydantoins with arylpiperazinealkyl fragment: Pharmacological evaluation and investigation of cytotoxicity and metabolic stability. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 4163-4173.	3.0	8
44	Synthesis of new 1,3-thiazepine derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 298-302.	2.6	7
45	Antimicrobial activity of 10-(diphenylmethylene)-4-azatricyclo[5.2.1.0 ^{2,6}]dec-8-ene-3,5-dione derivatives. <i>Annals of Microbiology</i> , 2010, 60, 151-155.	2.6	7
46	Electrochemical synthesis and structural studies of zinc(II) complexes with derivatives of benzo[b]furancarboxylic acids. <i>Chemical Physics Letters</i> , 2013, 575, 40-45.	2.6	7
47	Statistical Analysis of the Impact of Molecular Descriptors on Cytotoxicity of Thiourea Derivatives Incorporating 2-Aminothiazole Scaffold. <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 1196-1202.	1.3	7
48	Synthesis, Structural Studies and Biological Evaluation of Connections of Thiosemicarbazide, 1,2,4-Triazole and 1,3,4-Thiadiazole with Palmitic Acid. <i>Molecules</i> , 2018, 23, 822.	3.8	7
49	Synthesis, docking studies, and pharmacological evaluation of 2-hydroxypropyl-4-arylpiperazine derivatives as serotonergic ligands. <i>Archiv Der Pharmazie</i> , 2021, 354, 2000414.	4.1	7
50	Evaluation of the anticancer activity of singly and doubly modified analogues of C20-epi-salinomycin. <i>European Journal of Pharmacology</i> , 2021, 908, 174347.	3.5	7
51	Synthesis and Pharmacological Activity of Thiourea Derivatives of 1,7,8,9-Tetramethyl-4-azatricyclo[5.2.1.0 ^{2,6}]dec-8-ene-3,5-dione. <i>Letters in Drug Design and Discovery</i> , 2009, 6, 445-450.	0.7	7
52	Synthesis and Structural Characterisation of Derivatives of Tricyclo[5.2.1.0 ^{2,6}]Dec-8-ene-3,5-Dione with an Expected Antimicrobial Activity. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 1258-1265.	1.4	6
53	Derivatives of benzo[b]furan. Part I. Conformational studies of khellinone and visnaginone. <i>Structural Chemistry</i> , 2012, 23, 1573-1584.	2.0	6
54	The unexpected product of Diels-Alder reaction between indanocyclon and maleimide. <i>Journal of Molecular Structure</i> , 2017, 1130, 573-578.	3.6	6

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55	Asymmetric synthesis and in vivo/in vitro characterization of new hybrid anticonvulsants derived from (2,5-dioxopyrrolidin-1-yl)phenylacetamides. <i>Bioorganic Chemistry</i> , 2021, 109, 104751.	4.1	6
56	Structural and antiviral studies of dipetalactone and its methyl derivative. <i>Journal of Molecular Structure</i> , 2013, 1054-1055, 150-156.	3.6	5
57	Disubstituted 4-Chloro-3-nitrophenylthiourea Derivatives: Antimicrobial and Cytotoxic Studies. <i>Molecules</i> , 2018, 23, 2428.	3.8	5
58	Structural characterization and cytotoxic evaluation of Cu(II), Co(II) and Ni(II) complexes with herbicide 4-chloro-2-methylphenoxyacetic acid. <i>Polyhedron</i> , 2019, 165, 86-96.	2.2	5
59	Synthesis of Lasalocid-Based Bioconjugates and Evaluation of Their Anticancer Activity. <i>ACS Omega</i> , 2022, 7, 1943-1955.	3.5	5
60	Synthesis and some pharmacological properties of 3-(4-phenyl-5-oxo-1,2,4-triazolin-1-ylmethyl)-1,2,4-triazolin-5-thione derivatives. <i>Acta Poloniae Pharmaceutica</i> , 2002, 59, 281-90.	0.1	5
61	Biological evaluation of 10-(diphenylmethylene)-4-azatricyclo[5.2.1.0 ^{2,6}]dec-8-ene-3,5-dione derivatives. <i>Open Life Sciences</i> , 2009, 4, 362-368.	1.4	4
62	Synthesis and anticancer effects of $\hat{\pm}$ -lipoic ester of alloxanthoxyletin. <i>Medicinal Chemistry Research</i> , 2019, 28, 788-796.	2.4	4
63	Synthetic Transition from Thiourea-Based Compounds to Tetrazole Derivatives: Structure and Biological Evaluation of Synthesized New N-(Furan-2-ylmethyl)-1H-tetrazol-5-amine Derivatives. <i>Molecules</i> , 2021, 26, 323.	3.8	4
64	Computational Methods in Determination of Pharmacophore Models of 5-HT _{1A} , 5-HT _{2A} and 5-HT ₇ Receptors. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 933-951.	2.4	4
65	Antistaphylococcal Activity of Selected Thiourea Derivatives. <i>Polish Journal of Microbiology</i> , 2016, 65, 451-460.	1.7	4
66	Effect of Hydroxyl Groups Esterification with Fatty Acids on the Cytotoxicity and Antioxidant Activity of Flavones. <i>Molecules</i> , 2022, 27, 420.	3.8	4
67	Synthesis and pharmacological evaluation of 4-[2-hydroxy-3-(4-phenylpiperazin-1-yl)-propoxy]-4-azatricyclo[5.2.1.0 ^{2,6}]dec-8-ene-3,5-dione. <i>Medicinal Chemistry Research</i> , 2008, 17, 507-514.	2.4	3
68	Synthesis and Biological Evaluation of New 3-Phenyl-1-[(4-arylpiperazin-1-yl)alkyl]-piperidine-2,6-diones. <i>Scientia Pharmaceutica</i> , 2011, 79, 225-238.	2.0	3
69	Synthesis and structure evaluation of new complex butylarylpiperazin-1-yl derivatives. <i>Medicinal Chemistry Research</i> , 2014, 23, 1519-1536.	2.4	3
70	Substituent effect on supramolecular motifs in series of succinimide polycyclic keto derivatives – Spectroscopic, theoretical and crystallographic studies. <i>Journal of Molecular Structure</i> , 2014, 1074, 695-702.	3.6	3
71	Cytotoxicity Evaluation of Novel bis(2-aminoethyl)amine Derivatives. <i>Molecules</i> , 2020, 25, 2816.	3.8	3
72	Synthesis, Structural Studies and Biological Evaluation of Halogen Derivatives of 1,3-Disubstituted Thiourea. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.7	3

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73	Synthesis of N-acetyl-N-(3,5-dioxo-10-oxa-4-aza-tricyclo[5.2.1.0 ^{2,6}]dec-4-yl)-acetamide. MolBank, 2007, 2007, M533.	0.5	2
74	4-(3-Fluorophenyl)-1-(propan-2-ylidene)thiosemicarbazone. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3010-o3010.	0.2	2
75	4-Hydroxy-1-methyl-7-(propan-2-yl)-4-azatricyclo [5.2.2.0 ^{2,6}]undec-8-ene-3,5-dione. MolBank, 2012, 2012, M767.	0.5	2
76	Structural characterization of derivatives of 4-methylcoumarin – Theoretical and experimental studies. Journal of Molecular Structure, 2013, 1043, 109-115.	3.6	2
77	G protein-coupled receptor binding and pharmacological evaluation of indole-derived thiourea compounds. Archiv Der Pharmazie, 2020, 353, 1900218.	4.1	2
78	Novel Tetrazole-Based Antimicrobial Agents Targeting Clinical Bacteria Strains: Exploring the Inhibition of Staphylococcus aureus DNA Topoisomerase IV and Gyrase. International Journal of Molecular Sciences, 2022, 23, 378.	4.1	2
79	Structural and computational study of 1,2,4-triazolin-5-thione derivative and its DMSO solvate. Journal of Molecular Structure, 2017, 1147, 786-796.	3.6	1
80	Design, Synthesis, and In Vitro Antiproliferative Activity of Hydantoin and Purine Derivatives with the 4-Acetylphenylpiperazinylalkyl Moiety. Materials, 2021, 14, 4156.	2.9	1
81	THIOUREA DERIVATIVES OF 4-AZATRICYCLO[5.2.2.0(2.6)]UNDEC-8-ENE-3,5 DIONE - SYNTHESIS AND BIOLOGICAL ACTIVITY. Acta Poloniae Pharmaceutica, 2016, 73, 693-703.	0.1	1
82	Design and Synthesis of Menthol and Thymol Derived Ciprofloxacin: Influence of Structural Modifications on the Antibacterial Activity and Anticancer Properties. International Journal of Molecular Sciences, 2022, 23, 6600.	4.1	1
83	Synthesis of 4-Amino-1,7,8,9-tetramethyl-4-aza-tricyclo[5.2.1.0 ^{2,6}]dec-8-ene-3,5-dione. MolBank, 2007, 2007, M534.	0.5	0
84	1-Acetyl-17-{2-hydroxy-3-[4-(2-methoxyphenyl)piperazin-1-yl]propyl}-17-azapentacyclo[6.6.5.0 ^{2,7} ,0 ^{9,14} ,0 ^{15,19}]nonadeca-2,4,6,9,11,13-hexaene-10,12-dione. MolBank, 2010, 2010, M697.	0.5	0
85	6-Bromo-2-methylsulfanyl-1,3-benzothiazole. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3446-o3447.	0.2	0
86	17-Hydroxy-1,8-dimethyl-17-azapentacyclo[6.6.5.0 ^{2,7} ,0 ^{9,14} ,0 ^{15,19}]nonadeca-2,4,6,9(14),10,12-hexaene-16,18-dione. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3293-o3294.	0.2	0
87	Structural study of Cu(II) complexes with benzo[b]furancarboxylic acids. Nuclear Instruments & Methods in Physics Research B, 2017, 411, 116-120.	1.4	0