

# Leyla YurttaÄ

## List of Publications by Year in descending order

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93  
papers

987  
citations

516215

16  
h-index

552369

26  
g-index

96  
all docs

96  
docs citations

96  
times ranked

1268  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave supported synthesis of some novel 1,3-Diarylpyrazino[1,2-a]benzimidazole derivatives and investigation of their anticancer activities. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 411-416.	2.6	102
2	Synthesis and antimicrobial activity of some new hydrazone-bridged thiazole-pyrrole derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 830-835.	2.5	39
3	In vitro antitumor activity evaluation of some 1,2,4-triazine derivatives bearing piperazine amide moiety against breast cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6313-6323.	1.4	35
4	Synthesis and initial biological evaluation of substituted 1-phenylamino-2-thio-4,5-dimethyl-1H-imidazole derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6764-6768.	1.0	33
5	Design, synthesis and evaluation of new thiazole-piperazines as acetylcholinesterase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 1040-1047.	2.5	33
6	Synthesis and anticancer activity evaluation of N-[4-(2-methylthiazol-4-yl)phenyl]acetamide derivatives containing (benz)azole moiety. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 175-184.	2.5	32
7	Studies on non-steroidal inhibitors of aromatase enzyme; 4-(aryl/heteroaryl)-2-(pyrimidin-2-yl)thiazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 1986-1995.	1.4	29
8	Synthesis and Biological Evaluation of Some 1,2-Disubstituted Benzimidazole Derivatives as New Potential Anticancer Agents. <i>Archiv Der Pharmazie</i> , 2013, 346, 403-414.	2.1	28
9	The synthesis, antifungal and apoptotic effects of triazole-oxadiazoles against <i>Candida</i> species. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 255-261.	2.6	27
10	Synthesis and anti-cancer activity evaluation of new aurone derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 816-825.	2.5	26
11	Synthesis and antimicrobial activity evaluation of new dithiocarbamate derivatives bearing thiazole/benzothiazole rings. <i>Phosphorus, Sulfur and the Related Elements</i> , 2016, 191, 1166-1173.	0.8	26
12	Synthesis of Some New Thiazole Derivatives and Their Biological Activity Evaluation. <i>Journal of Chemistry</i> , 2015, 2015, 1-7.	0.9	23
13	Synthesis, antimicrobial activity and cytotoxicity of some new carbazole derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2012, 27, 868-874.	2.5	20
14	Synthesis and anti-nociceptive, anti-inflammatory activities of new aroyl propionic acid derivatives including N-acylhydrazone motif. <i>Medicinal Chemistry Research</i> , 2015, 24, 2406-2416.	1.1	20
15	Novel 1-(2-pyrimidin-2-yl)piperazine derivatives as selective monoamine oxidase (MAO)-A inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 193-202.	2.5	20
16	Thiazole- $\epsilon$ -substituted benzoylpiperazine derivatives as acetylcholinesterase inhibitors. <i>Drug Development Research</i> , 2018, 79, 406-425.	1.4	20
17	Synthesis of novel thiazolyl hydrazone derivatives as potent dual monoamine oxidase-aromatase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2022, 229, 114097.	2.6	19
18	Pyridine- $\epsilon$ -substituted thiazolylphenol derivatives: Synthesis, modeling studies, aromatase inhibition, and antiproliferative activity evaluation. <i>Archiv Der Pharmazie</i> , 2018, 351, e1700272.	2.1	17

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19	Synthesis and antiproliferative activity of new 1,5-disubstituted tetrazoles bearing hydrazone moiety. <i>Medicinal Chemistry Research</i> , 2014, 23, 1067-1075.	1.1	16
20	Synthesis and biological evaluation of 5-methyl-4-phenyl thiazole derivatives as anticancer agents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 820-828.	0.8	16
21	Synthesis and antitumor activity evaluation of new 2-(4-aminophenyl)benzothiazole derivatives bearing different heterocyclic rings. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 458-465.	2.5	15
22	New chroman-4-one/thiochroman-4-one derivatives as potential anticancer agents. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 1063-1072.	1.2	15
23	Novel thiazoleâ€piperazine derivatives as potential cholinesterase inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 3370-3386.	1.4	15
24	Potent ribonucleotide reductase inhibitors: Thiazoleâ€containing thiosemicarbazone derivatives. <i>Archiv Der Pharmazie</i> , 2019, 352, e1900033.	2.1	15
25	Synthesis and Antimicrobial Activity of New Pyrimidine-Hydrazones. <i>Letters in Drug Design and Discovery</i> , 2013, 11, 76-81.	0.4	14
26	New Thiazoline-Tetralin Derivatives and Biological Activity Evaluation. <i>Molecules</i> , 2018, 23, 135.	1.7	14
27	Synthesis and antimycobacterial activity evaluation of isatin-derived 3- [(4- aryl - 2-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422	0.2	12
28	Synthesis of new 1-phenyl-2-(4-substituted-piperazin-1-yl)-propanol derivatives and evaluation of their antidepressant-like effects. <i>Archives of Pharmacal Research</i> , 2013, 36, 802-811.	2.7	11
29	Design and synthesis of novel 2,4,5-thiazole derivatives as 6-APA mimics and antimicrobial activity evaluation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2021, 196, 954-960.	0.8	11
30	Novel Tri-substituted Thiazoles Bearing Piperazine Ring: Synthesis and Evaluation of their Anticancer Activity. <i>Letters in Drug Design and Discovery</i> , 2019, 16, 547-555.	0.4	11
31	Novel benzothiazole based imidazole derivatives as new cytotoxic agents against glioma (C6) and liver (hepG2) cancer cell lines. <i>ACTA Pharmaceutica Scientia</i> , 2017, 55, 39.	0.2	11
32	Synthesis and Anticancer Activity of Some 2-[3/4-(2-Substituted Phenyl-2-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (oxoethoxy)ben and Discovery, 2014, 11, 578-585.	0.4	10
33	Synthesis, anticandidal activity, and cytotoxicity of some thiazole derivatives with dithiocarbamate side chains. <i>Turkish Journal of Chemistry</i> , 2014, 38, 815-824.	0.5	9
34	Synthesis of novel thiazolylpyrazoline derivatives and evaluation of their antimicrobial activities and cytotoxicities. <i>Turkish Journal of Chemistry</i> , 2016, 40, 641-654.	0.5	9
35	Synthesis and biological evaluation of some dibenzofuran-piperazine derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1177-1183.	2.5	9
36	Synthesis and antiproliferative activity evaluation of new thiazoleâ€benzimidazole derivatives using real-time cell analysis (RTCA DP). <i>Medicinal Chemistry Research</i> , 2016, 25, 482-493.	1.1	9

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37	Synthesis of novel <i>N</i> -(naphthalen-1-yl)propanamide derivatives and evaluation their antimicrobial activity. Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 158-164.	0.8	9
38	Novel cyanothiouracil and cyanothiocytosine derivatives as concentration-dependent selective inhibitors of U87MG glioblastomas: Adenosine receptor binding and potent PDE4 inhibition. European Journal of Medicinal Chemistry, 2021, 212, 113125.	2.6	9
39	Synthesis, anticandidal activity and cytotoxicity of some tetrazole derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2014, 29, 43-48.	2.5	8
40	Synthesis, Antituberculosic, and Cytotoxic Properties of New Hydrazone Derivatives Bearing Pyrimidine-Alkylsulfanyl Moiety. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 1183-1191.	0.8	8
41	Design and synthesis of new 4-methylthiazole derivatives: In vitro and in silico studies of antimicrobial activity. Journal of Molecular Structure, 2021, 1241, 130692.	1.8	8
42	Synthesis and anticancer activity of some 1,2,3-trisubstituted pyrazinobenzimidazole derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2014, 29, 811-822.	2.5	7
43	Synthesis and Antiproliferative Activity of 2-arylidene 6-(2-aryl-2-oxoethoxy)Benzofuran-3-one Derivatives. Letters in Drug Design and Discovery, 2016, 13, 563-569.	0.4	7
44	Synthesis of some novel 3,4,5-trisubstituted triazole derivatives bearing quinoline ring and evaluation of their antimicrobial activity. Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 767-773.	0.8	7
45	Design and synthesis of new donepezil analogs derived from arylpiperazine scaffold as acetylcholinesterase inhibitors. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 283-293.	0.8	7
46	New Quinoline Based Sulfonamide Derivatives: Cytotoxic and Apoptotic Activity Evaluation Against Pancreatic Cancer Cells. Anti-Cancer Agents in Medicinal Chemistry, 2018, 18, 1122-1130.	0.9	7
47	Synthesis of some imidazolyl-thioacetyl-pyrazolinone derivatives and their antinociceptive and anticancer activities. Journal of Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 74-79.	2.5	6
48	Synthesis and anticandidal evaluation of new benzothiazole derivatives with hydrazone moiety. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 714-720.	2.5	6
49	Carbazoles and Hydrazone-Bridged Thiazole-Pyrrole Derivatives as New Inhibitors of $\alpha$ -Glucosidase. ChemistrySelect, 2018, 3, 7921-7925.	0.7	6
50	New chromanone derivatives containing thiazoles: Synthesis and antitumor activity evaluation on A549 lung cancer cell line. Drug Development Research, 2022, 83, 470-484.	1.4	6
51	Cytotoxic, Antiproliferative and Apoptotic Effects of New Benzimidazole Derivatives on A549 Lung Carcinoma and C6 Glioma Cell Lines. Anti-Cancer Agents in Medicinal Chemistry, 2015, 15, 1174-1184.	0.9	6
52	Biological Activity Evaluation of Novel 1,2,4-Triazine Derivatives Containing Thiazole/Benzothiazole Rings. Anti-Cancer Agents in Medicinal Chemistry, 2018, 17, 1846-1853.	0.9	6
53	Synthesis and Biological Evaluation of New 1,3,4-Oxadiazoles as Potential Anticancer Agents and Enzyme Inhibitors. Anti-Cancer Agents in Medicinal Chemistry, 2018, 18, 914-921.	0.9	6
54	Synthesis and biological evaluation of some new pyrimidine bearing 2,5-disubstituted 1,3,4-oxadiazole derivatives as cytotoxic agents. Turkish Journal of Biochemistry, 2017, 42, 131-137.	0.3	5

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55	Novel 2-(2-hydrazinyl)thiazole derivatives as chemotherapeutic agents. <i>Synthetic Communications</i> , 2020, 50, 3072-3079.	1.1	5
56	Synthesis and Antimicrobial Evaluation of Some 2,5-Disubstituted Benzimidazole Derivatives. <i>Letters in Drug Design and Discovery</i> , 2013, 10, 486-491.	0.4	5
57	Antimicrobial activity evaluation of new 1,3,4-oxadiazole derivatives. <i>ACTA Pharmaceutica Scientia</i> , 2017, 55, 45.	0.2	5
58	Synthesis and in vitro antitumor activities of novel thioamide substituted piperazinyl-1,2,4-triazines. <i>Journal of Heterocyclic Chemistry</i> , 2022, 59, 1333-1340.	1.4	5
59	A preliminary investigation of anticancer activity of novel benzothiazole derivatives against A549 lung carcinoma cell line. <i>Biyokimya Dergisi</i> , 2017, 42, 535-544.	0.1	4
60	Study on the Antimicrobial Effects of Novel Thiazole Derivatives. <i>Marmara Pharmaceutical Journal</i> , 2017, 21, 654-654.	0.5	4
61	3,4,5-Trisubstituted-1,2,4-triazole Derivatives as Antiproliferative Agents: Synthesis, In vitro Evaluation and Molecular Modelling. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 1502-1515.	0.4	4
62	Some Thiazole Derivatives Combined with Different Heterocycles: Cytotoxicity Evaluation and Apoptosis Inducing Studies. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 1115-1121.	0.9	4
63	Novel benzofurane carbonyl analogs of donepezil as acetylcholinesterase inhibitors. <i>Journal of Molecular Structure</i> , 2022, 1264, 133193.	1.8	4
64	Synthesis, density functional theory calculation, molecular docking studies, and evaluation of novel 5-nitrothiophene derivatives for anticancer activity. <i>Archiv Der Pharmazie</i> , 2022, 355, e2200105.	2.1	4
65	Synthesis of some N-[4-(benzothiazole-2yl) phenyl]-2-aryloxyacetamide derivatives and their anticancer activities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2012, 27, 515-520.	2.5	3
66	Synthesis and Biological Evaluation of Some New Amide Moiety Bearing Quinoxaline Derivatives as Antimicrobial Agents. <i>Drug Research</i> , 2015, 65, 266-271.	0.7	3
67	Design and Synthesis of New 1,3,4-Oxadiazole Benzothiazole and Hydrazone Derivatives as Promising Chemotherapeutic Agents. <i>Drug Research</i> , 2017, 67, 275-282.	0.7	3
68	Novel tetrazole derivatives: synthesis, anticholinesterase activity and cytotoxicity evaluation. <i>Turkish Journal of Biochemistry</i> , 2017, 42, 169-180.	0.3	3
69	Synthesis of New 1,2,4-Triazole Derivatives and Investigation of Their Matrix Metalloproteinase-9 (MMP-9) Inhibition Properties. <i>ACTA Pharmaceutica Scientia</i> , 2021, 59, 216-232.	0.2	3
70	New indane derivatives containing 2-hydrazinothiazole as potential acetylcholinesterase and monoamine oxidase-B inhibitors. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2021, 76, 417-424.	0.6	3
71	Apoptotic Effect of Novel Benzimidazole Derivatives Bearing Pyridyl/Pyrimidinyl Piperazine Moiety. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 1780-1792.	0.9	3
72	Synthesis, antioxidant and antimicrobial properties of novel pyridyl-carbonyl thiazoles as dendrodoine analogs. <i>Turkish Journal of Chemistry</i> , 2020, 44, 1733-1741.	0.5	2

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73	Evaluation of new sulfathiazole derivatives as antiproliferative agents. Turkish Journal of Biochemistry, 2021, 46, 533-539.	0.3	2
74	Synthesis of new thiazole derivatives and evaluation of their antimicrobial and cytotoxic activities. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 1093-1102.	0.8	2
75	Synthesis and evaluation of novel 2-[(1,2,4-triazol-3-yl)thio]acetamide derivatives as potential serum paraoxonase-1 (PON1) activators. Marmara Pharmaceutical Journal, 2017, 21, 967-977.	0.5	2
76	Synthesis, Antibacterial, Antifungal, Antimycobacterial Activity Evaluation of Novel 1,2,4-triazole Derivatives Bearing 4-Aminophenyl Moiety. Letters in Drug Design and Discovery, 2017, 14, .	0.4	2
77	New Nâ€™-Arylidene-2-[(4-Nitrophenyl)PiperazÄ±n-1-yl]Acetohydrazide Derivatives: Synthesis and Anticancer Activity Investigation. Letters in Drug Design and Discovery, 2017, 14, .	0.4	2
78	Novel Benzimidazole Derivatives: Cytotoxic and Apoptotic Properties on Lung Cancer Cell Line. Letters in Drug Design and Discovery, 2020, 17, 1227-1236.	0.4	2
79	Synthesis of some 5,6-diaryl-1,2,4-triazine derivatives and investigation of their cyclooxygenase (COX) inhibitory activity. Phosphorus, Sulfur and Silicon and the Related Elements, 2022, 197, 1123-1135.	0.8	2
80	Synthesis, antimicrobial activity and modeling studies of thiazoles bearing pyridyl and triazolyl scaffolds. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2022, 77, 429-446.	0.6	2
81	Design and Efficient Synthesis of Novel 4,5-Dimethylthiazole-Hydrazone Derivatives and their Anticancer Activity. Letters in Drug Design and Discovery, 2021, 18, 372-386.	0.4	1
82	Synthesis and Antimicrobial Activity of Some New N-(1H-benzimidazol-2-yl)-2-mercaptoacetamide Derivatives. Letters in Drug Design and Discovery, 2018, 15, 154-159.	0.4	1
83	Synthesis and Antifungal Activity Evaluation of New 1,2,4-Triazole Derivatives Bearing Salicylidene Hydrazone Moiety. Letters in Drug Design and Discovery, 2015, 13, 178-184.	0.4	1
84	Synthesis and antimicrobial activity evaluation of novel nitrofuranthiazoles. ACTA Pharmaceutica Scientia, 2016, 54, 43.	0.2	1
85	Synthesis and Anticancer Activity of Some 1H-inden-1-one Substituted (Heteroaryl)Acetamide Derivatives. Letters in Drug Design and Discovery, 2018, 16, 111-118.	0.4	1
86	New Procaspase Activating Compound (PAC-1) Like Molecules as Potent Antitumoral Agents Against Lung Cancer. Letters in Drug Design and Discovery, 2019, 16, 645-655.	0.4	1
87	Novel benzofuran-pyrazole derivatives with anti-inflammatory, cyclooxygenase inhibitory and cytotoxicity evaluation. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2022, 77, 279-285.	0.6	1
88	Antimicrobial and Cytotoxic Evaluation of New Quinazoline Derivatives. Natural Product Communications, 2016, 11, 1934578X1601101.	0.2	0
89	Novel N-(2-Methoxydibenzofuran-3-yl)-2-aryloxyacetamide Derivatives: Synthesis and Biological Investigation. Letters in Drug Design and Discovery, 2021, 18, 471-479.	0.4	0
90	Arylamino Substituted Mercaptoimidazole Derivatives as New Corrosion Inhibitors for Carbon Steel in Acidic Media: Experimental and Computational Study. Journal of Electrochemical Science and Technology, 2021, 12, 365-376.	0.9	0

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91	Synthesis of novel 3, 5, 6-trisubstituted triazine derivatives and their biological activity evaluation as potential antitumor and anti-inflammatory agents. ACTA Pharmaceutica Scientia, 2016, 54, 83.	0.2	0
92	New Cyclohexylamine-dithiocarbamate Derivatives as Potential Anti-microbial Agents. Letters in Drug Design and Discovery, 2017, 14, .	0.4	0
93	Antimicrobial evaluation of trisubstituted 2-piperazinyl thiazoles. ACTA Pharmaceutica Scientia, 2019, 57, 103.	0.1	0