

Ahmet Ozdemir

List of Publications by Year in descending order

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102
papers

2,807
citations

172386

29
h-index

206029

48
g-index

102
all docs

102
docs citations

102
times ranked

3225
citing authors

#	ARTICLE	IF	CITATIONS
1	New triazole and triazolothiadiazine derivatives as possible antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 155-159.	2.6	145
2	Synthesis and antimicrobial activity of 1-(4-aryl-2-thiazolyl)-3-(2-thienyl)-5-aryl-2-pyrazoline derivatives. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 403-409.	2.6	141
3	Synthesis of some 2-[(benzazole-2-yl)thioacetyl]amino]thiazole derivatives and their antimicrobial activity and toxicity. <i>European Journal of Medicinal Chemistry</i> , 2004, 39, 267-272.	2.6	112
4	Synthesis and evaluation of new indole-based chalcones as potential antiinflammatory agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 304-309.	2.6	90
5	Synthesis and antinociceptive activities of some pyrazoline derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 2606-2610.	2.6	88
6	Synthesis and biological evaluation of some hydrazone derivatives as new anticandidal and anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2012, 58, 299-307.	2.6	88
7	New pyrazoline derivatives and their antidepressant activity. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4383-4387.	2.6	81
8	Synthesis and Evaluation of New Pyrazoline Derivatives as Potential Anticancer Agents. <i>Molecules</i> , 2015, 20, 19066-19084.	1.7	74
9	Synthesis and evaluation of bis-thiazole derivatives as new anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 107, 288-294.	2.6	74
10	A novel series of thiazolyl-pyrazoline derivatives: Synthesis and evaluation of antifungal activity, cytotoxicity and genotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 342-352.	2.6	71
11	Design, synthesis and biological evaluation of a new series of thiazolyl-pyrazolines as dual EGFR and HER2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111648.	2.6	70
12	Synthesis of Some 1-[(N, N-Disubstituted thiocarbamoylthio)acetyl]-3-(2-thienyl)-5-aryl-2-pyrazoline Derivatives and Investigation of Their Antibacterial and Antifungal Activities. <i>Archiv Der Pharmazie</i> , 2005, 338, 96-104.	2.1	69
13	A new series of 2,4-thiazolidinediones endowed with potent aldose reductase inhibitory activity. <i>Open Chemistry</i> , 2021, 19, 347-357.	1.0	58
14	Design, synthesis, in vitro and in silico investigation of aldose reductase inhibitory effects of new thiazole-based compounds. <i>Bioorganic Chemistry</i> , 2020, 102, 104110.	2.0	56
15	Synthesis and biological evaluation of new naphthalene substituted thiosemicarbazone derivatives as potent antifungal and anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 108, 406-414.	2.6	55
16	Design, synthesis, in vitro and in silico evaluation of a new series of oxadiazole-based anticancer agents as potential Akt and FAK inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 905-924.	2.6	55
17	Synthesis and Evaluation of New 1,5-Diaryl-3-[4-(methyl-sulfonyl)phenyl]-4,5-dihydro-1H-pyrazole Derivatives as Potential Antidepressant Agents. <i>Molecules</i> , 2015, 20, 2668-2684.	1.7	54
18	Synthesis and antituberculosis activity of new thiazolylhydrazone derivatives. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 981-985.	2.6	52

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19	Studies on 1,2,4-Triazole Derivatives as Potential Anti-inflammatory Agents. <i>Archiv Der Pharmazie</i> , 2007, 340, 586-590.	2.1	50
20	Synthesis and Biological Evaluation of Some Hydrazone Derivatives as Anti-inflammatory Agents. <i>Letters in Drug Design and Discovery</i> , 2012, 9, 310-315.	0.4	50
21	Design, Synthesis, and Biological Evaluation of Novel 1,3,4-Thiadiazole Derivatives as Potential Antitumor Agents against Chronic Myelogenous Leukemia: Striking Effect of Nitrothiazole Moiety. <i>Molecules</i> , 2018, 23, 59.	1.7	48
22	Indomethacin based new triazolothiadiazine derivatives: Synthesis, evaluation of their anticancer effects on T98 human glioma cell line related to COX-2 inhibition and docking studies. <i>European Journal of Medicinal Chemistry</i> , 2016, 113, 179-186.	2.6	46
23	Synthesis and the selective antifungal activity of 5,6,7,8-tetrahydroimidazo[1,2-a]pyridine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2080-2084.	2.6	44
24	Design, Synthesis, and Evaluation of a New Series of Thiazole-Based Anticancer Agents as Potent Akt Inhibitors. <i>Molecules</i> , 2018, 23, 1318.	1.7	44
25	Synthesis and biological activities of new hydrazone derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009, 24, 825-831.	2.5	41
26	An extensive research on aldose reductase inhibitory effects of new 4H-1,2,4-triazole derivatives. <i>Journal of Molecular Structure</i> , 2021, 1224, 129446.	1.8	34
27	Synthesis and evaluation of new benzodioxole-based dithiocarbamate derivatives as potential anticancer agents and hCA-I and hCA-II inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 190-196.	2.6	33
28	A New Series of Pyrrole-Based Chalcones: Synthesis and Evaluation of Antimicrobial Activity, Cytotoxicity, and Genotoxicity. <i>Molecules</i> , 2017, 22, 2112.	1.7	33
29	Identification of a new class of potent aldose reductase inhibitors: Design, microwave-assisted synthesis, in vitro and in silico evaluation of 2-pyrazolines. <i>Chemico-Biological Interactions</i> , 2021, 345, 109576.	1.7	33
30	Synthesis and in Vitro Evaluation of New Nitro-Substituted Thiazolyl Hydrazone Derivatives as Anticandidal and Anticancer Agents. <i>Molecules</i> , 2014, 19, 14809-14820.	1.7	31
31	Synthesis and Biological Evaluation of Some Pyrazoline Derivatives Bearing a Dithiocarbamate Moiety as New Cholinesterase Inhibitors. <i>Archiv Der Pharmazie</i> , 2013, 346, 189-199.	2.1	30
32	Preparation of some pyrazoline derivatives and evaluation of their antifungal activities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010, 25, 565-571.	2.5	29
33	Synthesis and Antimicrobial Activities of Some 1-[(N, T) ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (N-Disubstitutedthiocarbamate) the Related Elements, 2005, 180, 2717-2724.	0.8	28
34	Synthesis and anticandidal activity of new triazolothiadiazine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5562-5566.	2.6	28
35	Synthesis and Antimicrobial Activity of Some Thiazolyl-Pyrazoline Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007, 182, 749-764.	0.8	27
36	Synthesis and Evaluation of New Oxadiazole, Thiadiazole, and Triazole Derivatives as Potential Anticancer Agents Targeting MMP-9. <i>Molecules</i> , 2017, 22, 1109.	1.7	27

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37	Synthesis and Biological Evaluation of New Pyrazole-based Thiazolyl Hydrazone Derivatives as Potential Anticancer Agents. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 833-839.	0.4	27
38	Studies on hydrazone derivatives as antifungal agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2008, 23, 470-475.	2.5	26
39	Synthesis and antituberculosis activity of some N-pyridyl-N ² -thiazolylhydrazine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2085-2088.	2.6	26
40	Synthesis and antimicrobial activity evaluation of new dithiocarbamate derivatives bearing thiazole/benzothiazole rings. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1166-1173.	0.8	26
41	Synthesis and antimicrobial activity of some pyridinyliminothiazoline derivatives. <i>Il Farmaco</i> , 2002, 57, 569-572.	0.9	25
42	Evaluation of antidepressant-like effect of 2-pyrazoline derivatives. <i>Medicinal Chemistry Research</i> , 2010, 19, 94-101.	1.1	25
43	Synthesis and biological evaluation of some thiazole derivatives as new cholinesterase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 509-514.	2.5	25
44	Synthesis of some 4-arylidenamino-4H-1,2,4-triazole-3-thiols and their antituberculosis activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2007, 22, 511-516.	2.5	23
45	Synthesis and Biological Evaluation of Pyrazoline Derivatives Bearing an Indole Moiety as New Antimicrobial Agents. <i>Archiv Der Pharmazie</i> , 2013, 346, 463-469.	2.1	23
46	In Vitro and In Silico Evaluation of Anticancer Activity of New Indole-Based 1,3,4-Oxadiazoles as EGFR and COX-2 Inhibitors. <i>Molecules</i> , 2020, 25, 5190.	1.7	23
47	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
48	Synthesis and <i>In Vitro</i> Evaluation of New Thiosemicarbazone Derivatives as Potential Antimicrobial Agents. <i>Journal of Chemistry</i> , 2016, 2016, 1-7.	0.9	20
49	Potential inhibitors of human carbonic anhydrase isozymes I and II: Design, synthesis and docking studies of new 1,3,4-thiadiazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3547-3554.	1.4	19
50	Synthesis and Anticholinesterase Activity and Cytotoxicity of Novel Amide Derivatives. <i>Archiv Der Pharmazie</i> , 2012, 345, 112-116.	2.1	18
51	Synthesis and antifungal activity of new hydrazide derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 1211-1216.	2.5	17
52	Synthesis and anticandidal activity of some imidazopyridine derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2008, 23, 866-870.	2.5	16
53	Synthesis of Some Novel Triazole Derivatives and Investigation of Their Antimicrobial Activities. <i>Synthetic Communications</i> , 2011, 41, 2234-2250.	1.1	16
54	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

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55	Synthesis and analgesic activity of some acetamide derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2012, 27, 275-280.	2.5	14
56	Synthesis of 1-acetyl-3-(2-thienyl)-5-aryl-2-pyrazoline derivatives and evaluation of their anticancer activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 1221-1227.	2.5	14
57	Synthesis and Antimicrobial Activity of New Pyrimidine-Hydrazones. <i>Letters in Drug Design and Discovery</i> , 2013, 11, 76-81.	0.4	14
58	Synthesis and Antituberculosis Activity of New Hydrazone Derivatives. <i>Archiv Der Pharmazie</i> , 2008, 341, 721-724.	2.1	13
59	Synthesis, antimicrobial activity and cytotoxicity of novel oxadiazole derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2012, 27, 51-57.	2.5	13
60	Synthesis and evaluation of new thiadiazole derivatives as potential inhibitors of human carbonic anhydrase isozymes (hCA-I and hCA-II). <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 32-37.	2.5	13
61	Synthesis and Evaluation of a Series of 1,3,4-Thiadiazole Derivatives as Potential Anticancer Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1606-1616.	0.9	13
62	Synthesis and evaluation of naphthalene-based thiosemicarbazone derivatives as new anticancer agents against LNCaP prostate cancer cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1-7.	2.5	12
63	Design, Synthesis, and Neuroprotective Effects of a Series of Pyrazolines against 6-Hydroxydopamine-Induced Oxidative Stress. <i>Molecules</i> , 2018, 23, 2151.	1.7	12
64	Biological evaluation of a series of benzothiazole derivatives as mosquitocidal agents. <i>Open Chemistry</i> , 2019, 17, 288-294.	1.0	12
65	Synthesis and Antiviral Activity of Some (3,4-Diaryl-3H-thiazol-2-ylidene)pyrimidin-2-yl Amine Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 233-239.	0.8	11
66	A New Series of Antileukemic Agents: Design, Synthesis, In Vitro and In Silico Evaluation of Thiazole-Based ABL1 Kinase Inhibitors. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 1099-1109.	0.9	10
67	Synthesis and In Vitro Evaluation of Some Hydrazone Derivatives as Potential Antibacterial Agents. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 355-362.	0.4	10
68	A New Series of Triazolothiadiazines as Potential Anticancer Agents for Targeted Therapy of Non-Small Cell Lung and Colorectal Cancers: Design, Synthesis, In silico and In vitro Studies Providing Mechanistic Insight into Their Anticancer Potencies. <i>Medicinal Chemistry</i> , 2021, 17, 1104-1128.	0.7	10
69	Synthesis of some new hydrazone derivatives containing benzothiazole moiety. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 141-146.	0.4	9
70	Synthesis of New Thiazolyl-Pyrazoline Derivatives and Evaluation of Their Antimicrobial, Cytotoxic and Genotoxic Effects. <i>Letters in Drug Design and Discovery</i> , 2018, 15, 744-756.	0.4	9
71	Synthesis and Evaluation of A New Series of Thiazole Derivatives as Potential Antitumor Agents and MMP Inhibitors. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 674-681.	0.9	9
72	Synthesis and Antimicrobial Activity of Some 2-(Benzo[d]oxazol/benzo[d]imidazol-2-ylthio)- N -(9 H) Tj ETQq0 0 0 rgBT /Overlock 10 T 182, 639-646.	0.8	8

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73	Synthesis, anticandidal activity and cytotoxicity of some tetrazole derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 43-48.	2.5	8
74	Design, synthesis, <i>in vitro</i> and <i>in silico</i> evaluation of new pyrrole derivatives as monoamine oxidase inhibitors. <i>Archiv Der Pharmazie</i> , 2018, 351, e1800082.	2.1	8
75	Synthesis and Evaluation of A New Series of Thiazolyl-Pyrazoline Derivatives as Cholinesterase Inhibitors. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2018, 15, 333-338.	0.6	8
76	Toxicity and Synergistic Activities of Chalcones Against <i>Aedes aegypti</i> (Diptera: Culicidae) and <i>Drosophila melanogaster</i> (Diptera: Drosophilidae). <i>Journal of Medical Entomology</i> , 2016, 54, t183.	0.9	7
77	Synthesis and Evaluation of Tetrazole-Based Hydrazone Derivatives Bearing a Pyridine Moiety as Antimicrobial Agents. <i>Letters in Drug Design and Discovery</i> , 2015, 12, 687-693.	0.4	7
78	Synthesis and Biological Evaluation of a New Series of Pyrazolines as New Anticandidal Agents. <i>Pharmaceutical Chemistry Journal</i> , 2014, 48, 603-612.	0.3	6
79	A Series of Furan-based Hydrazones: Design, Synthesis, and Evaluation of Antimicrobial Activity, Cytotoxicity and Genotoxicity. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 312-322.	0.4	6
80	Synthesis and Evaluation of New Thiazole Derivatives as Potential Antimicrobial Agents. <i>Letters in Drug Design and Discovery</i> , 2016, 13, 903-911.	0.4	6
81	Synthesis and Evaluation of a New Series of Arylidene Indanones as Potential Anticancer Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1394-1404.	0.9	6
82	Synthesis and Evaluation of Bis-pyrazoline Derivatives as Potential Antimicrobial Agents. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 1199-1203.	0.4	5
83	Synthesis and Evaluation of New Thiazolyl Hydrazone Derivatives as Potential Anticancer Agents. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.4	5
84	Synthesis and Evaluation of Thiazole-Pyrimidine Derivatives as New Anticandidal and Cytotoxic Agents. <i>Pharmaceutical Chemistry Journal</i> , 2014, 48, 452-455.	0.3	4
85	New Benzodioxole-based Pyrazoline Derivatives: Synthesis and Anticandidal, <i>In silico</i> ADME, Molecular Docking Studies. <i>Letters in Drug Design and Discovery</i> , 2018, 16, 82-92.	0.4	4
86	Synthesis of some novel hydrazone derivatives and evaluation of their antituberculosis activity. <i>Marmara Pharmaceutical Journal</i> , 2010, 2, 79-83.	0.5	4
87	Synthesis and <i>In vitro</i> Evaluation of Thiadiazole Derivatives as AChE, Bu-ChE and LOX Inhibitors. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 1062-1069.	0.4	4
88	Synthesis and <i>In Vitro</i> Evaluation of Furan-Based Chalcone Derivatives as Antimicrobial Agents. <i>Letters in Drug Design and Discovery</i> , 2015, 12, 607-611.	0.4	4
89	Synthesis of some triazolyl-benzofuranamine derivatives. <i>Il Farmaco</i> , 2002, 57, 573-575.	0.9	3
90	Synthesis and Antibacterial Activity of tert-Butyl [1-benzyl-2[(4-aryl-2-thiazolyl)hydrazone]ethyl] carbamate Derivatives. <i>Archiv Der Pharmazie</i> , 2007, 340, 310-314.	2.1	3

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91	Synthesis and Biological Evaluation of some Amide Derivatives Bearing Benzothiazole and Piperidine Moieties as Antimicrobial Agents. Letters in Drug Design and Discovery, 2013, 10, 453-461.	0.4	3
92	A New Series of Indeno[1,2-c]pyrazoles as EGFR TK Inhibitors for NSCLC Therapy. Molecules, 2022, 27, 485.	1.7	3
93	A new series of thiosemicarbazone-based anti-inflammatory agents exerting their action through cyclooxygenase inhibition. Archiv Der Pharmazie, 2022, 355, .	2.1	3
94	SYNTHESIS OF SOME 2-[(BENZAZOLE-2-YL)THIO]-DIPHENYLMETHYLACETAMIDE DERIVATIVES AND THEIR ANTIMICROBIAL ACTIVITY. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 2183-2188.	0.8	2
95	Preparation of Some Thiazolyl Hydrazone Derivatives and Evaluation of Their Antibacterial Activities. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2613-2623.	0.8	2
96	Synthesis and Antimicrobial Activity of some Amide Derivatives Bearing Thiazole, Benzhydryl and Piperidine Moieties. Letters in Drug Design and Discovery, 2012, 10, 44-48.	0.4	2
97	Synthesis and antimicrobial activity of some pyrazoline derivatives bearing amide moiety. Marmara Pharmaceutical Journal, 2013, 3, 187-187.	0.5	2
98	Antinociceptive Activities of Some 4,5-Dihydro-1H-Pyrazole Derivatives: Involvement of Central and Peripheral Pathways. Letters in Drug Design and Discovery, 2016, 13, 411-417.	0.4	2
99	Cytotoxic, Apoptotic and DNA Synthesis Inhibitory Effects of Some Thiazole Derivatives. Letters in Drug Design and Discovery, 2017, 14, 554-566.	0.4	2
100	Synthesis of New Bis-pyrazolines Endowed with Potent Antifungal Activity against Candida albicans and Aspergillus niger. Letters in Drug Design and Discovery, 2021, 18, 3-15.	0.4	1
101	Synthesis and Mosquitocidal Activity of a Series of Hydrazone Derivatives against Aedes aegypti. Letters in Drug Design and Discovery, 2018, 15, 671-677.	0.4	1
102	Antiproliferative Effects of a Series of Pyrazolines on Lung Cancer. Proceedings (mdpi), 2018, 2, 1574.	0.2	0