

Hayreddin Gezegen

List of Publications by Year in descending order

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53
papers

1,281
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394390

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docs citations

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times ranked

935
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#	ARTICLE	IF	CITATIONS
1	1,2,3-Triazole substituted phthalocyanine metal complexes as potential inhibitors for anticholinesterase and antidiabetic enzymes with molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 4429-4439.	3.5	24
2	Biological effects and molecular docking studies of Catechin 5-O-gallate: antioxidant, anticholinergics, antiepileptic and antidiabetic potentials. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 2489-2497.	3.5	14
3	Sivas da YetiÅŸen Endemik Bir Bitki Olan Astragalus Dumanii'nin Antikolinerjik, Antidiyabetik ve Antioksidan Aktivitesinin DeÄŸerlendirilmesi. <i>KahramanmaraÅŸ SÄŸatÅŸaÄŸı 4. A°mam A°eniversitesi TarÄŸm Ve DoÄŸe.7 Dergisi</i> , 2022, 25, 1-10.		3
4	Synthesis of diaryl urea derivatives and evaluation of their antiproliferative activities in colon adenocarcinoma. <i>Journal of Molecular Structure</i> , 2022, 1254, 132318.	3.6	7
5	Potential thiosemicarbazoneâ€based enzyme inhibitors: Assessment of antiproliferative activity, metabolic enzyme inhibition properties, and molecular docking calculations. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23018.	3.0	14
6	Synthesis, molecular docking, and biological activities of new cyanopyridine derivatives containing phenylurea. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000334.	4.1	23
7	Biologically active phthalocyanine metal complexes:ÅPreparation, evaluation of Î±â€glycosidase andÅanticholinesterase enzyme inhibition activities, and molecular docking studies. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, 1-9.	3.0	26
8	ADME properties, bioactivity and molecular docking studies of 4-amino-chalcone derivatives: new analogues for the treatment of Alzheimer, glaucoma and epileptic diseases. <i>In Silico Pharmacology</i> , 2021, 9, 34.	3.3	12
9	Michael/Michael Addition Cascade of 2â€Benzylideneâ€1â€indanones with Chalcones: Synthesis and Biological Evaluations of Novel Polycyclic Compounds. <i>ChemistrySelect</i> , 2021, 6, 9625-9631.	1.5	2
10	Composition characterization and biological activity study of <i>Thymbra spicata</i> l. var. <i>spicata</i> essential oil. <i>Cumhuriyet Science Journal</i> , 2021, 42, 565-575.	0.3	4
11	Synthesis, characterization, and biological studies of chalcone derivatives containing Schiff bases: Synthetic derivatives for the treatment of epilepsy and Alzheimer's disease. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000202.	4.1	22
12	Synthesis, characterization, crystal structures, theoretical calculations and biological evaluations of novel substituted tacrine derivatives as cholinesterase and carbonic anhydrase enzymes inhibitors. <i>Journal of Molecular Structure</i> , 2019, 1175, 906-915.	3.6	64
13	Synthesis and biological evaluation of novel indenopyrazole derivatives. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22285.	3.0	8
14	Aminopyrazoleâ€substituted metallophthalocyanines: Preparation, aggregation behavior, and investigation of metabolic enzymes inhibition properties. <i>Archiv Der Pharmazie</i> , 2019, 352, e1800292.	4.1	30
15	Evaluation of antimicrobial, antibiofilm and carbonic anhydrase inhibition profiles of 1,3â€bisâ€chalcone derivatives. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22281.	3.0	19
16	In vitro cytotoxic and in vivo antitumoral activities of some aminomethyl derivatives of 2,4â€dihydroâ€3Hâ€1,2,4â€triazoleâ€3â€thionesâ€”Evaluation of their acetylcholinesterase and carbonic anhydrase enzymes inhibition profiles. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22239.	3.0	46
17	SAR Evaluation of Disubstituted Tacrine Analogues as Promising Cholinesterase and Carbonic Anhydrase Inhibitors. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2019, 53, 268-275.	0.6	11
18	The effects of wireless electromagnetic fields on the activities of carbonic anhydrase and acetylcholinesterase enzymes in various tissues of rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22031.	3.0	14

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19	Purification of glutathione S-transferase enzyme from quail liver tissue and inhibition effects of (3a R,4 S,7 R,7a S)-2-(4-((E)-3-(3-aryl)acryloyl)phenyl)-3a,4,7,7a-tetrahydro-1H-inden-2-ylidene)methyl]phenyl]urea derivatives on the enzyme activity. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22034.	3.0	15
20	Inhibitory effects of some drugs on carbonic anhydrase enzyme purified from Kangal Akkaraman sheep in Sivas, Turkey. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22000.	3.0	15
21	Synthesis of some novel pyridine compounds containing bis(1,2,4-triazole/thiosemicarbazide moiety and investigation of their antioxidant properties, carbonic anhydrase, and acetylcholinesterase enzymes inhibition profiles. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22006.	3.0	81
22	Synthesis of chalcone-imide derivatives and investigation of their anticancer and antimicrobial activities, carbonic anhydrase and acetylcholinesterase enzymes inhibition profiles. Archives of Physiology and Biochemistry, 2018, 124, 61-68.	2.1	129
23	Synthesis, characterization, and SAR of arylated indenoquinoline-based cholinesterase and carbonic anhydrase inhibitors. Archiv Der Pharmazie, 2018, 351, e1800167.	4.1	27
24	Characterization and inhibition effects of some metal ions on carbonic anhydrase enzyme from Kangal Akkaraman sheep. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22172.	3.0	15
25	(N-(4-Chlorophenyl)-N'-{4-[(Z)-hydroxy(1-oxo-1,3-dihydro-2H-inden-2-ylidene)methyl]phenyl}urea. IUCrData, 2018, 3, .	0.3	1
26	Investigation of Inhibition Effect of Oxytocin on Carbonic Anhydrase and Acetylcholinesterase Enzymes in the Heart Tissues of Rats. Journal of the Institute of Science and Technology, 2018, 8, 199-207.	0.9	4
27	Evaluation of acetylcholinesterase and carbonic anhydrase inhibition profiles of 1,2,3,4,6-pentasubstituted-4-hydroxy-cyclohexanes. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21938.	3.0	41
28	Synthesis, characterization, anticancer, antimicrobial and carbonic anhydrase inhibition profiles of novel (3a R,4 S,7 R,7a S)-2-(4-((E)-3-(3-aryl)acryloyl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (phenyl)-3a,4,7,7a-tetrahydro-1H-inden-2-ylidene)methyl]phenyl]urea Derivatives. Chemistry and Biodiversity, 2017, 70, 118-125.	4.1	89
29	Synthesis and investigation of antibacterial activities and carbonic anhydrase and acetyl cholinesterase inhibition profiles of novel 4,5-dihydropyrazol and pyrazolyl-thiazole derivatives containing methanoisoindol-1,3-dion unit. Synthetic Communications, 2017, 47, 2313-2323.	2.1	39
30	Inhibitory effects of oxytocin and oxytocin receptor antagonist atosiban on the activities of carbonic anhydrase and acetylcholinesterase enzymes in the liver and kidney tissues of rats. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21972.	3.0	40
31	Investigation of acetylcholinesterase and mammalian DNA topoisomerases, carbonic anhydrase inhibition profiles, and cytotoxic activity of novel bis((±)-aminoalkyl)phosphinic acid derivatives against human breast cancer. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21971.	3.0	43
32	Synthesis and Biological Evaluation of Novel (4-(Hydroxy(1-oxo-1,3-dihydro-2H-inden-2-ylidene)methyl)phenyl)-3-phenylurea Derivatives. Chemistry and Biodiversity, 2017, 14, e1700223.	3.0	43
33	Synthesis and Carbonic Anhydrase Inhibition of Tetrabromo Chalcone Derivatives. Archiv Der Pharmazie, 2017, 350, 1700198.	4.1	41
34	Synthesis, carbonic anhydrase I and II isoenzymes inhibition properties, and antibacterial activities of novel tetralone-based 1,4-benzothiazepine derivatives. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21872.	3.0	41
35	Purification of glucose-6-phosphate dehydrogenase from <i>Rattus</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td Journal of Biochemical and Molecular Toxicology, 2017, 31, e21927.	3.0	29
36	The Effects of Oxytocin and Oxytocin Receptor Antagonist Atosiban on the Carbonic Anhydrase and Acetylcholinesterase Enzymes from Lung Tissues of Rats. Cumhuriyet Science Journal, 2017, 38, 450-460.	0.3	5

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37	Alternate Method for the Dimerization of 2-Benzylidene inden-1-one Derivatives: Synthesis of 1,3-Diaryl-1,3,3a,8a-tetrahydro-8H-spiro[cyclopenta[a]indene-2,2'-indene]-1',8(3'H)-diones. <i>Cumhuriyet Science Journal</i> , 2017, 38, 594-601.	0.3	1
38	Discovery of Potent Carbonic Anhydrase and Acetylcholinesterase Inhibitors: 2-Aminoindan-1 ² -Lactam Derivatives. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1736.	4.1	66
39	Synthesis and Antimicrobial Activity of Racemic 1,5-Diols: 2-(1,3-Diaryl-3-hydroxypropyl)cyclohexanol Derivatives. <i>Helvetica Chimica Acta</i> , 2016, 99, 608-616.	1.6	3
40	Synthesis and Carbonic Anhydrase Inhibition of Novel 2-(4-(Aryl)thiazole-2-yl)-3a,4,7,7a-tetrahydro-1 <i>H</i> -4,7-methanoisindole-1,3(2 <i>H</i>)-dione Derivatives. <i>Archiv Der Pharmazie</i> , 2016, 349, 955-963.	4.1	66
41	Crystal structure of racemic [(1 <i>R</i> ,2 <i>S</i> ,3 <i>R</i> ,4 <i>S</i> ,6 <i>S</i>)-2,6-bis(furan-2-yl)-4-hydroxy-4-(thiophen-2-yl)cyclohexane-1,3-diyl]bis(thiophen-2-ylmethanone). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 976-979.	0.5	3
42	Synthesis of 3,5-Diaryl-2-cenones by NH ₄ Cl/HCl ₄ -Catalyzed Cyclization and Deacetylation of 4-Acetylhexane-1,5-diones. <i>Helvetica Chimica Acta</i> , 2015, 98, 253-259.	1.6	3
43	Alternate Method for the Synthesis of Six-Membered Carbocycles with Five Stereocenters: 1,2,3,4,6-Pentasubstituted-4-hydroxy-cyclohexanes. <i>Synthetic Communications</i> , 2015, 45, 2344-2349.	2.1	8
44	Synthesis, Characterization, and Antibacterial Activity of Novel Pyridones. <i>Synthetic Communications</i> , 2014, 44, 1084-1093.	2.1	5
45	2-[1-(4-Bromophenyl)-3-hydroxy-3-(4-methoxyphenyl)propyl]cyclohexanol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1091-o1092.	0.2	1
46	2-(4-Bromophenyl)-4-(4-methoxyphenyl)-6,7,8,9-tetrahydro-5H-cyclohepta[b]pyridine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o956-o956.	0.2	2
47	Iodine-Catalyzed Addition of Methyl Thioglycolate to Chalcones. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012, 187, 889-898.	1.6	10
48	Synthesis and Screening Antimicrobial Activities of Novel 1,3-Diaryl-3-(Phenylthio)Propan-1-One Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012, 187, 580-586.	1.6	9
49	Synthesis and in vitro antimicrobial activity of novel 2-(3-oxo-1,3-diarylpropylthio)acetic acid derivatives. <i>Acta Poloniae Pharmaceutica</i> , 2012, 69, 893-900.	0.1	1
50	The synthesis and screening of the antimicrobial activity of some novel 3-(furan-2-yl)-1-(aryl)-3-(phenylthio) propan-1-one derivatives. <i>Medicinal Chemistry Research</i> , 2011, 20, 109-115.	2.4	17
51	Screening of Biological Activities of a Series of Chalcone Derivatives against Human Pathogenic Microorganisms. <i>Chemistry and Biodiversity</i> , 2010, 7, 400-408.	2.1	57
52	Three-step synthesis of 2,4-diaryl-5,6,7,8-tetrahydroquinoline derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 1017-1024.	2.6	16
53	Potassium-Tertiary Butoxide-Assisted Addition of Thioglycolic Acid to Chalcone Derivatives Under Solvent-Free Conditions. <i>Synthetic Communications</i> , 2010, 40, 2598-2606.	2.1	15