

Umit M Kocyigit

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,287
citations

331670

21
h-index

361022

35
g-index

41
all docs

41
docs citations

41
times ranked

872
citing authors

#	ARTICLE	IF	CITATIONS
19	Synthesis, characterization, and SAR of arylated indenoquinoline-based cholinesterase and carbonic anhydrase inhibitors. <i>Archiv Der Pharmazie</i> , 2018, 351, e1800167.	4.1	27
20	Biologically active phthalocyanine metal complexes: Preparation, evaluation of glycosidase and anticholinesterase enzyme inhibition activities, and molecular docking studies. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, 1-9.	3.0	26
21	Purification of glutathione S-transferase enzyme from quail liver tissue and inhibition effects of (3- <i>R</i> ,4- <i>S</i> ,7- <i>R</i> ,7- <i>S</i>)-(4-((<i>E</i> -(aryl)acryloyl)phenyl)-3,4,7,7-tetrahydro-1 <i>H</i> -indeno[1,2- <i>b</i>]quinolin-2-ylidene)quinoline derivatives on the enzyme activity. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22034.	3.4	24
22	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
23	Novel piperazine and morpholine substituted quinolines: Selective synthesis through activation of 3,6,8-tribromoquinoline, characterization and their some metabolic enzymes inhibition potentials. <i>Journal of Molecular Structure</i> , 2020, 1220, 128666.	3.6	23
24	Synthesis, molecular docking, and biological activities of new cyanopyridine derivatives containing phenylurea. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000334.	4.1	23
25	Phthalocyanine complexes with (4-isopropylbenzyl)oxy substituents: preparation and evaluation of anti-carbonic anhydrase, anticholinesterase enzymes and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 733-741.	3.5	22
26	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
27	Evaluation of antimicrobial, antibiofilm and carbonic anhydrase inhibition profiles of 1,3-bis-chalcone derivatives. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22281.	3.0	19
28	Determination of biological studies and molecular docking calculations of isatin-thiosemicarbazone hybrid compounds. <i>Journal of Molecular Structure</i> , 2022, 1264, 133249.	3.6	18
29	Inhibitory effects of some drugs on carbonic anhydrase enzyme purified from Kangal Akkaraman sheep in Sivas, Turkey. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22000.	3.0	15
30	Characterization and inhibition effects of some metal ions on carbonic anhydrase enzyme from Kangal Akkaraman sheep. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22172.	3.0	15
31	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
32	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
33	Potential thiosemicarbazone-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
34	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
35	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
36	The Effects of Oxytocin and Oxytocin Receptor Antagonist Atosiban on the Carbonic Anhydrase and Acetylcholinesterase Enzymes from Lung Tissues of Rats. <i>Cumhuriyet Science Journal</i> , 2017, 38, 450-460.	0.3	5

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37	Composition characterization and biological activity study of <i>Thymbra spicata</i> l. var. <i>spicata</i> essential oil. Cumhuriyet Science Journal, 2021, 42, 565-575.	0.3	4
38	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
39	Sivas da YetiÅŸen Endemik Bir Bitki Olan <i>Astragalus Dumanii</i> 'nin Antikolinergik, Antidiyabetik ve Antioksidan Aktivitesinin DeÅŸerlendirilmesi. KahramanmaraÅŸ SÃ¼leymaniye ÅŸifacılık FakÃ¼ltesi Dergisi, 2022, 25, 1-10.		3
40	Some old 2-(4-(Aryl)-thiazole-2-yl)-3a,4,7,7a-tetrahydro-1H-4,7-tethanoisoindole-1,3(2H)-dione derivatives: Synthesis, inhibition effects and molecular docking studies on Aldose reductase and Î±-Glycosidase. Cumhuriyet Science Journal, 2021, 42, 553-564.	0.3	3