

# Miyase GÃ¼zde GÃ¼ndÃ¼z

## List of Publications by Year in descending order

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57  
papers

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#	ARTICLE	IF	CITATIONS
1	Attaching azoles to Hantzsch 1,4-dihydropyridines: Synthesis, theoretical investigation of nonlinear optical properties, antimicrobial evaluation and molecular docking studies. <i>Journal of Molecular Structure</i> , 2022, 1247, 131316.	1.8	7
2	Isoquinolinedione-urea hybrids: Synthesis, antibacterial evaluation, drug-likeness, molecular docking and DFT studies. <i>Journal of Molecular Structure</i> , 2022, 1252, 132007.	1.8	7
3	Isolation, Characterization and <i>in Silico</i> Studies of Secondary Metabolites from <i>Jurinea macrocephala</i> DC. with Antiproliferative Activity. <i>Chemistry and Biodiversity</i> , 2022, 19, .	1.0	3
4	Synthesis, Antimicrobial Evaluation, and Molecular Modeling Studies of New Thiosemicarbazide-Triazole Hybrid Derivatives of (S) Naproxen. <i>Chemistry and Biodiversity</i> , 2022, .	1.0	5
5	Linking azoles to isoniazid via hydrazone bridge: Synthesis, crystal structure determination, antitubercular evaluation and computational studies. <i>Journal of Molecular Liquids</i> , 2022, 354, 118873.	2.3	6
6	Synthesis, antimicrobial evaluation and molecular modeling studies of novel thiosemicarbazides/semicarbazides derived from p-aminobenzoic acid. <i>Journal of Molecular Structure</i> , 2022, 1261, 132907.	1.8	3
7	Theoretical and experimental investigation of 1,4-dihydropyridine-based hexahydroquinoline-3-carboxylates: Photophysics and bovine serum albumin binding studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 429, 113915.	2.0	3
8	1,4-Dihydropyridine as a Promising Scaffold for Novel Antimicrobials Against <i>Helicobacter pylori</i> . <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	4
9	Urea derivatives carrying a thiophenylthiazole moiety: Design, synthesis, and evaluation of antitubercular and InhA inhibitory activities. <i>Drug Development Research</i> , 2022, 83, 1292-1304.	1.4	5
10	Design, synthesis, antibacterial activity evaluation and molecular modeling studies of new sulfonamides containing a sulfathiazole moiety. <i>New Journal of Chemistry</i> , 2021, 45, 8166-8177.	1.4	30
11	<i>In vitro</i> biological activity of <i>Salvia fruticosa</i> Mill. infusion against amyloid $\beta$ -peptide-induced toxicity and inhibition of GSK-3 $\beta$ , CK-1 $\gamma$ , and BACE-1 enzymes relevant to Alzheimer's disease. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 236-243.	1.2	8
12	Use of Pluronic Surfactants in Gel Formulations of Photosensitive 1,4-Dihydropyridine Derivatives: A Potential Approach in the Treatment of Neuropathic Pain. <i>Pharmaceutics</i> , 2021, 13, 527.	2.0	3
13	Crystal structure determination and computational studies of 1,4-dihydropyridine derivatives as selective T-type calcium channel blockers. <i>Journal of Molecular Structure</i> , 2021, 1230, 129898.	1.8	8
14	Copper-Oxone Promoted Oxidative C-H Functionalization: Synthesis of 2-Aminobenzothiazoles and Evaluation of Their Antimicrobial Activities. <i>ChemistrySelect</i> , 2021, 6, 4382-4389.	0.7	6
15	Synthesis and Laccase-Mediated Oxidation of New Condensed 1,4-Dihydropyridine Derivatives. <i>Catalysts</i> , 2021, 11, 727.	1.6	5
16	S-alkylated thiosemicarbazone derivatives: Synthesis, crystal structure determination, antimicrobial activity evaluation and molecular docking studies. <i>Journal of Molecular Structure</i> , 2021, 1242, 130674.	1.8	6
17	Molecular dynamics, viscoelastic properties and physical stability studies of a new amorphous dihydropyridine derivative with T-type calcium channel blocking activity. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 141, 105083.	1.9	8
18	Discovery of hydrazone containing thiadiazoles as <i>Mycobacterium tuberculosis</i> growth and enoyl acyl carrier protein reductase (InhA) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 188, 112035.	2.6	26

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19	1,3-Disubstituted urea derivatives: Synthesis, antimicrobial activity evaluation and in silico studies. <i>Bioorganic Chemistry</i> , 2020, 102, 104104.	2.0	22
20	M3, a 1,4-Dihydropyridine Derivative and Mixed L-/T-Type Calcium Channel Blocker, Attenuates Isoproterenol-Induced Toxicity in Male Wistar Rats. <i>Cardiovascular Toxicology</i> , 2020, 20, 627-640.	1.1	3
21	Design and synthesis of thiourea-based derivatives as <i>Mycobacterium tuberculosis</i> growth and enoyl acyl carrier protein reductase (InhA) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 199, 112402.	2.6	27
22	Electrochemical Studies of Newly Synthesized 1,4-Dihydropyridine-Based Hexahydroquinoline Derivatives. <i>Journal of the Electrochemical Society</i> , 2020, 167, 125502.	1.3	4
23	Discovery of Michael acceptor containing 1,4-dihydropyridines as first covalent inhibitors of L-/T-type calcium channels. <i>Bioorganic Chemistry</i> , 2019, 91, 103187.	2.0	16
24	Synthesis of Disulfide-Bridged N-Phenyl-N-(alkyl/aryl/heteroaryl)urea Derivatives and Evaluation of Their Antimicrobial Activities. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900461.	1.0	2
25	Direct Enantiomeric Resolution of Seventeen Racemic 1,4-Dihydropyridine-Based Hexahydroquinoline Derivatives by HPLC. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2513.	1.8	8
26	Design, synthesis and computational analysis of novel acridine-(sulfadiazine/sulfathiazole) hybrids as antibacterial agents. <i>Journal of Molecular Structure</i> , 2019, 1186, 39-49.	1.8	14
27	A New Generation of Dihydropyridine Calcium Channel Blockers: Photostabilization of Liquid Formulations Using Nonionic Surfactants. <i>Pharmaceutics</i> , 2019, 11, 28.	2.0	10
28	Bioactivity-Guided Isolation of Anti-Inflammatory Principles from <i>Cistus parviflorus</i> Lam.. <i>Records of Natural Products</i> , 2019, 13, 226-235.	1.3	5
29	Synthesis of fused 1,4-dihydropyridines as potential calcium channel blockers. <i>Turkish Journal of Biochemistry</i> , 2018, 43, 578-586.	0.3	9
30	Binding mechanism investigations guiding the synthesis of novel condensed 1,4-dihydropyridine derivatives with L-/T-type calcium channel blocking activity. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 1-12.	2.6	34
31	Synthesis and photodegradation studies of analogues of muscle relaxant 1,4-dihydropyridine compounds. <i>Acta Pharmaceutica</i> , 2017, 67, 341-355.	0.9	7
32	Theoretical and experimental study of the ground and excited states of 1,4-dihydropyridine based hexahydroquinoline derivatives achieved by microwave irradiation. <i>New Journal of Chemistry</i> , 2017, 41, 11686-11694.	1.4	11
33	Synthesis, crystal structure and antimycobacterial activities of 4-indolyl-1,4-dihydropyridine derivatives possessing various ester groups. <i>Research on Chemical Intermediates</i> , 2017, 43, 7471-7489.	1.3	10
34	Photodegradation studies of 1,4-dihydropyridine compounds by MCR analysis on UV spectral data. <i>Future Medicinal Chemistry</i> , 2016, 8, 107-115.	1.1	12
35	Synthesis, structural characterization and myorelaxant activity of 4-naphthylhexahydroquinoline derivatives containing different ester groups. <i>Journal of the Serbian Chemical Society</i> , 2016, 81, 729-738.	0.4	12
36	Synthesis and Biological Evaluation of New Tricyclic Dihydropyridine Based Derivatives on Potassium Channels. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 763-775.	0.3	0

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37	Microwave-assisted synthesis of condensed 1,4-dihydropyridines as potential calcium channel modulators. Turkish Journal of Chemistry, 2015, 39, 886-896.	0.5	8
38	Analgesic effect of a broad-spectrum dihydropyridine inhibitor of voltage-gated calcium channels. Pflugers Archiv European Journal of Physiology, 2015, 467, 2485-2493.	1.3	33
39	1,4-Dihydropyridine derivatives with T-type calcium channel blocking activity attenuate inflammatory and neuropathic pain. Pflugers Archiv European Journal of Physiology, 2015, 467, 1237-1247.	1.3	40
40	Synthesis and Evaluation of 1,4-Dihydropyridine Derivatives with Calcium Channel Blocking Activity. Pflugers Archiv European Journal of Physiology, 2014, 466, 1355-1363.	1.3	53
41	Microwave-assisted synthesis and myorelaxant activity of 9-indolyl-1,8-acridinedione derivatives. European Journal of Medicinal Chemistry, 2014, 75, 258-266.	2.6	17
42	ESR study of some gamma irradiated amino acids and condensed 1,4-dihydropyridines. Journal of Molecular Structure, 2013, 1035, 378-382.	1.8	5
43	Microwave-Assisted Synthesis and Spasmolytic Activity of 4-Indolylhexahydroquinoline Derivatives. Drug Research, 2013, 63, 579-585.	0.7	6
44	Ethyl 2,7,7-trimethyl-4-(1-methyl-1 <i>H</i> -indol-3-yl)-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o40-o41.	0.2	8
45	Synthesis of Cyclopentapyridine and Thienopyridine Derivatives as Potential Calcium Channel Modulators. Arzneimittelforschung, 2012, 62, 167-175.	0.5	1
46	Ethyl 4-(5-bromo-1 <i>H</i> -indol-3-yl)-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3404-o3405.	0.2	8
47	Synthesis and Myorelaxant Activity of Fused 1,4-Dihydropyridines on Isolated Rabbit Gastric Fundus. Drug Development Research, 2012, 73, 332-342.	1.4	12
48	Investigation of myorelaxant activity of 9-aryl-3,4,6,7-tetrahydroacridine-1,8-(2H,5H,9H,10H)-diones in isolated rabbit gastric fundus. Medicinal Chemistry Research, 2012, 21, 1817-1824.	1.1	8
49	Two 1,4-dihydropyridine derivatives with potential calcium-channel antagonist activity. Acta Crystallographica Section C: Crystal Structure Communications, 2011, 67, o80-o84.	0.4	9
50	Substituted 9-aryl-1,8-acridinedione derivatives and their effects on potassium channels. Medicinal Chemistry Research, 2009, 18, 317-325.	1.1	15
51	Synthesis and Calcium Modulatory Activity of 3-alkoxy-carbonyl-(disubstituted)aryl-5-oxo-1,4,5,6,7,8-hexahydroquinoline Derivatives. Archiv Der Pharmazie, 2008, 341, 55-60.		15
52	Evaluation of myorelaxant activity of 7-substituted hexahydroquinoline derivatives in isolated rabbit gastric fundus. European Journal of Medicinal Chemistry, 2008, 43, 562-568.	2.6	11
53	Synthesis of 2-Methyl-4-aryl-4,6,7,8-tetrahydro-5(1H)-quinolone Derivatives and their Effects on Potassium Channels. Arzneimittelforschung, 2008, 58, 659-665.	0.5	0
54	Structure-Activity Relationships of Receptor Binding of 1,4-Dihydropyridine Derivatives. Biological and Pharmaceutical Bulletin, 2008, 31, 473-479.	0.6	21

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55	Cocrystals of diastereoisomers of 1,4-dihydropyridine derivatives. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o227-o230.	0.4	11
56	4-difluoro-substituted phenl-5-oxohexahydroquinoline derivatives and their effects on calcium channels. Arzneimittelforschung, 2006, 56, 529-34.	0.5	0
57	(Â±)-Methyl and (Â±)-ethyl 4-(2,3-difluorophenyl)-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o731-o734.	0.4	7