

BegÅœem Nurpelin Saglik

List of Publications by Year in descending order

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90
papers

1,587
citations

331670

21
h-index

395702

33
g-index

90
all docs

90
docs citations

90
times ranked

1258
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Synthesis of new donepezil analogues and investigation of their effects on cholinesterase enzymes. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 1026-1040. | 5.5 | 84 |
| 2 | Design, synthesis, and AChE inhibitory activity of new benzothiazole-piperazines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5387-5394. | 2.2 | 78 |
| 3 | MAO enzymes inhibitory activity of new benzimidazole derivatives including hydrazone and propargyl side chains. <i>European Journal of Medicinal Chemistry</i> , 2017, 131, 92-106. | 5.5 | 65 |
| 4 | Synthesis and biological evaluation of new pyrazolone Schiff bases as monoamine oxidase and cholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 84, 41-50. | 4.1 | 57 |
| 5 | Synthesis, molecular docking analysis and carbonic anhydrase HI inhibitory evaluation of new sulfonamide derivatives. <i>Bioorganic Chemistry</i> , 2019, 91, 103153. | 4.1 | 52 |
| 6 | Design, synthesis and biological assessment of new thiazolyldiazine derivatives as selective and reversible h MAO-A inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 68-81. | 5.5 | 48 |
| 7 | In vitro and in silico evaluation of new thiazole compounds as monoamine oxidase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 85, 97-108. | 4.1 | 48 |
| 8 | Synthesis of New Hydrazone Derivatives for MAO Enzymes Inhibitory Activity. <i>Molecules</i> , 2017, 22, 1381. | 3.8 | 46 |
| 9 | Synthesis and Biological Evaluation of New Cholinesterase Inhibitors for Alzheimer's Disease. <i>Molecules</i> , 2018, 23, 2033. | 3.8 | 43 |
| 10 | Synthesis and Antifungal Potential of Some Novel Benzimidazole-1,3,4-Oxadiazole Compounds. <i>Molecules</i> , 2019, 24, 191. | 3.8 | 42 |
| 11 | Synthesis, Molecular Docking Studies, and Antifungal Activity Evaluation of New Benzimidazole-Triazoles as Potential Lanosterol 14 α -Demethylase Inhibitors. <i>Journal of Chemistry</i> , 2017, 2017, 1-15. | 1.9 | 41 |
| 12 | New Benzimidazole-1,2,4-Triazole Hybrid Compounds: Synthesis, Anticandidal Activity and Cytotoxicity Evaluation. <i>Molecules</i> , 2017, 22, 507. | 3.8 | 40 |
| 13 | Synthesis and AChE-Inhibitory Activity of New Benzimidazole Derivatives. <i>Molecules</i> , 2019, 24, 861. | 3.8 | 34 |
| 14 | Synthesis and AChE Inhibitory Activity of Novel Thiazolyldiazine Derivatives. <i>Molecules</i> , 2019, 24, 2392. | 3.8 | 33 |
| 15 | Synthesis of some new benzoxazole derivatives and investigation of their anticancer activities. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 112979. | 5.5 | 33 |
| 16 | Design, synthesis and biological assessment of new selective COX-2 inhibitors including methyl sulfonyl moiety. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112918. | 5.5 | 32 |
| 17 | Synthesis, Docking Studies and Biological Activity of New Benzimidazole- Triazolothiadiazine Derivatives as Aromatase Inhibitor. <i>Molecules</i> , 2020, 25, 1642. | 3.8 | 31 |
| 18 | Design and Synthesis of New Benzothiazole Compounds as Selective hMAO-B Inhibitors. <i>Molecules</i> , 2017, 22, 2187. | 3.8 | 29 |

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|----|--|-----|-----------|
| 19 | Synthesis and Evaluation of New 1,3,4-Thiadiazole Derivatives as Potent Antifungal Agents. <i>Molecules</i> , 2018, 23, 3129. | 3.8 | 25 |
| 20 | Synthesis, anticancer evaluation and molecular docking studies of new benzimidazole-1,3,4-oxadiazole derivatives as human topoisomerase types I poison. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1657-1673. | 5.2 | 24 |
| 21 | Synthesis of new hydrazone derivatives and evaluation of their monoamine oxidase inhibitory activity. <i>Bioorganic Chemistry</i> , 2021, 114, 105038. | 4.1 | 23 |
| 22 | Synthesis of some novel 2-substituted benzothiazole derivatives containing benzylamine moiety as monoamine oxidase inhibitory agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1654-1661. | 5.2 | 22 |
| 23 | Synthesis and docking study of benzimidazole-triazolothiadiazine hybrids as aromatase inhibitors. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000008. | 4.1 | 21 |
| 24 | 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. | 5.2 | 20 |
| 25 | Design, synthesis, monoamine oxidase inhibition and docking studies of new dithiocarbamate derivatives bearing benzylamine moiety. <i>Bioorganic Chemistry</i> , 2018, 76, 177-187. | 4.1 | 20 |
| 26 | Design, Synthesis and Biological Evaluation of Novel N-Pyridyl-Hydrazone Derivatives as Potential Monoamine Oxidase (MAO) Inhibitors. <i>Molecules</i> , 2018, 23, 113. | 3.8 | 20 |
| 27 | Synthesis of novel benzimidazole-oxadiazole derivatives as potent anticancer activity. <i>Medicinal Chemistry Research</i> , 2019, 28, 2252-2261. | 2.4 | 20 |
| 28 | Novel 2,5-disubstituted-1,3,4-oxadiazole derivatives as MAO-B inhibitors: Synthesis, biological evaluation and molecular modeling studies. <i>Bioorganic Chemistry</i> , 2021, 112, 104917. | 4.1 | 19 |
| 29 | Synthesis of novel thiazolyl hydrazone derivatives as potent dual monoamine oxidase-aromatase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2022, 229, 114097. | 5.5 | 19 |
| 30 | Synthesis and Anticandidal Activity Evaluation of New Benzimidazole-Thiazole Derivatives. <i>Molecules</i> , 2017, 22, 2051. | 3.8 | 18 |
| 31 | Anticholinesterase activity screening of some novel dithiocarbamate derivatives including piperidine and piperazine moieties. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 469-474. | 1.6 | 17 |
| 32 | Antiproliferative, Cytotoxic, and Apoptotic Effects of New Benzimidazole Derivatives Bearing Hydrazone Moiety. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 138-148. | 2.6 | 17 |
| 33 | Synthesis and Anticandidal Activity of New Imidazole-Chalcones. <i>Molecules</i> , 2018, 23, 831. | 3.8 | 17 |
| 34 | Novel imidazole derivatives as antifungal agents: Synthesis, biological evaluation, ADME prediction and molecular docking studies. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 887-894. | 1.6 | 17 |
| 35 | Synthesis and characterization of a new series of thiadiazole derivatives as potential anticancer agents. <i>Heterocyclic Communications</i> , 2020, 26, 6-13. | 1.2 | 17 |
| 36 | Quinazolinone-based benzenesulfonamides with low toxicity and high affinity as monoamine oxidase-A inhibitors: Synthesis, biological evaluation and induced-fit docking studies. <i>Bioorganic Chemistry</i> , 2022, 124, 105822. | 4.1 | 17 |

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|----|--|-----|-----------|
| 37 | Synthesis and evaluation of new benzimidazole derivatives with hydrazone moiety as anticancer agents. <i>Biyokimya Dergisi</i> , 2018, 43, 151-158. | 0.5 | 16 |
| 38 | Synthesis and Biological Evaluation of New Thiosemicarbazone Derivative Schiff Bases as Monoamine Oxidase Inhibitory Agents. <i>Molecules</i> , 2018, 23, 60. | 3.8 | 16 |
| 39 | Design, Synthesis, and Structure-Activity Relationships of Thiazole Analogs as Anticholinesterase Agents for Alzheimer's Disease. <i>Molecules</i> , 2020, 25, 4312. | 3.8 | 16 |
| 40 | A benzothiazole/piperazine derivative with acetylcholinesterase inhibitory activity: Improvement in streptozotocin-induced cognitive deficits in rats. <i>Pharmacological Reports</i> , 2017, 69, 1349-1356. | 3.3 | 15 |
| 41 | Novel thiazole-piperazine derivatives as potential cholinesterase inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 3370-3386. | 2.6 | 15 |
| 42 | Multifunctional quinoxaline-hydrazone derivatives with acetylcholinesterase and monoamine oxidases inhibitory activities as potential agents against Alzheimer's disease. <i>Medicinal Chemistry Research</i> , 2020, 29, 1000-1011. | 2.4 | 15 |
| 43 | Phenothiazine-based chalcones as potential dual-target inhibitors toward cholinesterases (AChE, Tj ETQq1 1 0.784314 rgBT /Ove | 2.6 | 15 |
| 44 | Synthesis of Oxadiazole-Thiadiazole Hybrids and Their Anticandidal Activity. <i>Molecules</i> , 2017, 22, 2004. | 3.8 | 14 |
| 45 | Synthesis, Characterization, and Molecular Docking Study of Some Novel Imidazole Derivatives as Potential Antifungal Agents. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 142-152. | 2.6 | 12 |
| 46 | Design, Synthesis and Biological Evaluation of New <i>N</i> -Acyl Hydrazones with a Methyl Sulfonyl Moiety as Selective COX-2 Inhibitors. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100521. | 2.1 | 12 |
| 47 | Pharmacological and Toxicological Screening of Novel Benzimidazole-Morpholine Derivatives as Dual-Acting Inhibitors. <i>Molecules</i> , 2017, 22, 1374. | 3.8 | 11 |
| 48 | Synthesis of Novel 4-(Dimethylaminoalkyl)piperazine-1-carbodithioate Derivatives as Cholinesterase Inhibitors. <i>Letters in Drug Design and Discovery</i> , 2017, 14, 528-539. | 0.7 | 11 |
| 49 | Synthesis and biological evaluation of novel 1,3,4-thiadiazole derivatives as possible anticancer agents. <i>Acta Pharmaceutica</i> , 2020, 70, 499-513. | 2.0 | 11 |
| 50 | Rutamarin: Efficient Liquid-Liquid Chromatographic Isolation from <i>Ruta graveolens</i> L. and Evaluation of Its In Vitro and In Silico MAO-B Inhibitory Activity. <i>Molecules</i> , 2020, 25, 2678. | 3.8 | 11 |
| 51 | Synthesis of New Fluoro-Benzimidazole Derivatives as an Approach towards the Discovery of Novel Intestinal Antiseptic Drug Candidates. <i>Current Pharmaceutical Design</i> , 2017, 23, 2276-2286. | 1.9 | 10 |
| 52 | Novel 1,3,4-thiadiazole compounds as potential MAO-A inhibitors - design, synthesis, biological evaluation and molecular modelling. <i>RSC Medicinal Chemistry</i> , 2020, 11, 1063-1074. | 3.9 | 10 |
| 53 | Design, synthesis, in vitro and in silico studies of some novel triazoles as anticancer agents for breast cancer. <i>Journal of Molecular Structure</i> , 2021, 1246, 131198. | 3.6 | 10 |
| 54 | Novel Thiosemicarbazone Derivatives: In Vitro and In Silico Evaluation as Potential MAO-B Inhibitors. <i>Molecules</i> , 2021, 26, 6640. | 3.8 | 10 |

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|----|---|-----|-----------|
| 55 | Synthesis, investigation of biological effects and <i>in silico</i> studies of new benzimidazole derivatives as aromatase inhibitors. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2020, 75, 353-362. | 1.4 | 10 |
| 56 | Design, synthesis, biological activity, molecular docking, and molecular dynamics of novel benzimidazole derivatives as potential AChE/MAO-B dual inhibitors. Archiv Der Pharmazie, 2022, 355, e2100450. | 4.1 | 10 |
| 57 | Design, synthesis, in vitro and in silico studies of some novel thiazole-dihydrofuran derivatives as aromatase inhibitors. Bioorganic Chemistry, 2021, 114, 105123. | 4.1 | 9 |
| 58 | Design, synthesis, and evaluation of novel 2-phenylpropionic acid derivatives as dual COX inhibitory-antibacterial agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 732-745. | 5.2 | 8 |
| 59 | Design, synthesis, <i>in vitro</i> and <i>in silico</i> evaluation of new pyrrole derivatives as monoamine oxidase inhibitors. Archiv Der Pharmazie, 2018, 351, e1800082. | 4.1 | 8 |
| 60 | Synthesis and evaluation of new pyrazoline-thiazole derivatives as monoamine oxidase inhibitors. Journal of Heterocyclic Chemistry, 2019, 56, 3000-3007. | 2.6 | 8 |
| 61 | Synthesis, <i>in vitro</i> enzyme activity and molecular docking studies of new benzylamine-sulfonamide derivatives as selective MAO-B inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 1422-1432. | 5.2 | 8 |
| 62 | Design, synthesis, biological evaluation, and docking studies of some novel chalcones as selective COX-2 inhibitors. Archiv Der Pharmazie, 2021, 354, e2000273. | 4.1 | 8 |
| 63 | Design, Synthesis, In Vitro and In Silico Studies of New Thiazolyldiazine-Piperazine Derivatives as Selective MAO-A Inhibitors. Molecules, 2020, 25, 4342. | 3.8 | 7 |
| 64 | Design, Synthesis, and Biological Activity Evaluation of New Donepezil-Like Compounds Bearing Thiazole Ring for the Treatment of Alzheimer's Disease. Crystals, 2020, 10, 637. | 2.2 | 7 |
| 65 | Synthesis, characterization and carbonic anhydrase I and II inhibitory evaluation of new sulfonamide derivatives bearing dithiocarbamate. European Journal of Medicinal Chemistry, 2020, 198, 112392. | 5.5 | 7 |
| 66 | Fighting Against Alzheimer's Disease: Synthesis of New Pyrazoline and Benzothiazole Derivatives as New Acetylcholinesterase and MAO Inhibitors. Letters in Drug Design and Discovery, 2018, 15, 414-427. | 0.7 | 7 |
| 67 | Synthesis of New Pyrimidine-Triazole Derivatives and Investigation of Their Anticancer Activities. Chemistry and Biodiversity, 2022, 19, . | 2.1 | 7 |
| 68 | Synthesis and Biological Evaluation of Some Novel Dithiocarbamate Derivatives. Journal of Chemistry, 2014, 2014, 1-9. | 1.9 | 6 |
| 69 | Biological Activity Evaluation of Novel 1,2,4-Triazine Derivatives Containing Thiazole/Benzothiazole Rings. Anti-Cancer Agents in Medicinal Chemistry, 2018, 17, 1846-1853. | 1.7 | 6 |
| 70 | Synthesis and biological evaluation of novel 1,3,4-oxadiazole derivatives as anticancer agents and potential EGFR inhibitors. Journal of Heterocyclic Chemistry, 2022, 59, 518-532. | 2.6 | 6 |
| 71 | Design, synthesis, biological activity evaluation and in silico studies of new nicotinohydrazide derivatives as multi-targeted inhibitors for Alzheimer's disease. Journal of Molecular Structure, 2022, 1265, 133441. | 3.6 | 6 |
| 72 | Synthesis and monoamine oxidase A/B inhibitory evaluation of new benzothiazole-thiazolyldiazine derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 491-497. | 1.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Design and synthesis of novel chalcone derivatives and evaluation of their inhibitory activities against acetylcholinesterase. <i>Archiv Der Pharmazie</i> , 2022, 355, e2100372. | 4.1 | 5 |
| 74 | Synthesis and antimicrobial activities of some novel thiazole compounds. <i>Biyokimya Dergisi</i> , 2018, 43, 220-227. | 0.5 | 4 |
| 75 | Synthesis of new benzothiazole derivatives bearing thiadiazole as monoamine oxidase inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 2225-2233. | 2.6 | 4 |
| 76 | Novel imidazole derivatives as potential aromatase and monoamine oxidase-B inhibitors against breast cancer. <i>New Journal of Chemistry</i> , 2022, 46, 7442-7451. | 2.8 | 4 |
| 77 | Design, Synthesis, and Evaluation of Novel 2H-Benzo[b][1,4]thiazin-3(4H)-one Derivatives as New Acetylcholinesterase Inhibitors. <i>Molecules</i> , 2022, 27, 2121. | 3.8 | 4 |
| 78 | 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. | 1.4 | 3 |
| 79 | Design, synthesis, in vitro, and in silico studies of 1,2,4-triazole-piperazine hybrid derivatives as potential MAO inhibitors. <i>Bioorganic Chemistry</i> , 2021, 117, 105430. | 4.1 | 3 |
| 80 | Synthesis, Molecular Modeling, 3D-QSAR and Biological Evaluation Studies of New Benzimidazole Derivatives as Potential MAO-A and MAO-B Inhibitors. <i>Journal of Molecular Structure</i> , 2022, , 133444. | 3.6 | 3 |
| 81 | Novel Imidazole Derivatives as Antifungal Agents: Synthesis, Biological Evaluation, ADME Prediction and Molecular Docking Studies. <i>Proceedings (mdpi)</i> , 2017, 1, 663. | 0.2 | 1 |
| 82 | Synthesis and antimicrobial activity of new with 4-nitrobenzaldehyde. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 744-751. | 1.6 | 1 |
| 83 | Synthesis and Evaluation of N-[1-(((3,4-Diphenylthiazol-2(3H)-ylidene)amino)methyl)cyclopentyl]acetamide Derivatives for the Treatment of Diseases Belonging to MAOs. <i>Journal of Chemistry</i> , 2018, 2018, 1-10. | 1.9 | 1 |
| 84 | Novel thiazolyl-hydrazone derivatives including piperazine ring: synthesis, in vitro evaluation, and molecular docking as selective MAO-A inhibitor. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2022, 77, 167-175. | 1.4 | 1 |
| 85 | N-Substituted Arylidene-(Methylsulfonyl)-Oxoimidazolidine-Carbohydrazide as Cholinesterase Inhibitors: Design, Synthesis, and Molecular Docking Study. <i>Chemistry and Biodiversity</i> , 2022, 19, . | 2.1 | 1 |
| 86 | Synthesis and Anticandidal Activity of New Imidazole Derivatives. <i>Proceedings (mdpi)</i> , 2017, 1, 230. | 0.2 | 0 |
| 87 | Synthesis, Anticandidal Activity and Molecular Docking Study of Some New Imidazole Derivatives. <i>Proceedings (mdpi)</i> , 2017, 1, 656. | 0.2 | 0 |
| 88 | Evaluation of Antifungal Activity of Some Benzothiazole Derivatives. <i>Kocatepe Veteriner Dergisi</i> , 0, , 1-1. | 0.2 | 0 |
| 89 | Synthesis and Characterization of New Series Benzothiazole-Dithiocarbamate Derivatives As Potential Antifungal Agents. <i>Deu Muhendislik Fakultesi Fen Ve Muhendislik</i> , 2022, 24, 105-110. | 0.2 | 0 |
| 90 | Synthesis, Characterization and Docking Studies of New Chalcone Derivatives Carrying Propargyl Side Chain as a Monoaminoxidase Inhibitor. <i>Afyon Kocatepe University Journal of Sciences and Engineering</i> , 2022, 22, 268-274. | 0.2 | 0 |