

Tahmineh Akbarzadeh

List of Publications by Year in descending order

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80
papers

1,875
citations

257357

24
h-index

302012

39
g-index

82
all docs

82
docs citations

82
times ranked

1977
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Design and synthesis of novel quinazolinone-1,2,3-triazole hybrids as new anti-diabetic agents: In vitro α -glucosidase inhibition, kinetic, and docking study. <i>Bioorganic Chemistry</i> , 2019, 83, 161-169. | 2.0 | 119 |
| 2 | Novel tacrine-coumarin hybrids linked to 1,2,3-triazole as anti-Alzheimer's compounds: In vitro and in vivo biological evaluation and docking study. <i>Bioorganic Chemistry</i> , 2019, 83, 303-316. | 2.0 | 94 |
| 3 | Potent acetylcholinesterase inhibitors: Design, synthesis, biological evaluation, and docking study of acridone linked to 1,2,3-triazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 799-806. | 2.6 | 91 |
| 4 | Novel tacrine-1,2,3-triazole hybrids: In vitro, in vivo biological evaluation and docking study of cholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 1200-1212. | 2.6 | 88 |
| 5 | Design, synthesis and anti-Alzheimer's activity of novel 1,2,3-triazole-chromenone carboxamide derivatives. <i>Bioorganic Chemistry</i> , 2019, 83, 391-401. | 2.0 | 77 |
| 6 | Design, synthesis, pharmacological evaluation, and docking study of new acridone-based 1,2,4-oxadiazoles as potential anticonvulsant agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 112, 91-98. | 2.6 | 75 |
| 7 | Design and synthesis of 4H-3-(2-Phenoxy)phenyl-1,2,4-triazole derivatives as benzodiazepine receptor agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 769-773. | 1.4 | 67 |
| 8 | Synthesis of novel chromenones linked to 1,2,3-triazole ring system: Investigation of biological activities against Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2017, 70, 86-93. | 2.0 | 61 |
| 9 | Design, Synthesis, Biological Evaluation, and Docking Study of Acetylcholinesterase Inhibitors: New Acridone-1,2,4-oxadiazole-1,2,3-triazole Hybrids. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1425-1432. | 1.5 | 58 |
| 10 | Design and synthesis of novel anti-Alzheimer's agents: Acridine-chromenone and quinoline-chromenone hybrids. <i>Bioorganic Chemistry</i> , 2016, 67, 84-94. | 2.0 | 55 |
| 11 | Synthesis of New Benzimidazole-1,2,3-triazole Hybrids as Tyrosinase Inhibitors. <i>Chemistry and Biodiversity</i> , 2018, 15, e1800120. | 1.0 | 50 |
| 12 | Design and synthesis of novel coumarin-pyridinium hybrids: In vitro cholinesterase inhibitory activity. <i>Bioorganic Chemistry</i> , 2018, 77, 311-319. | 2.0 | 44 |
| 13 | Design, synthesis, in vitro cytotoxic activity evaluation, and apoptosis-induction study of new 9(10H)-acridinone-1,2,3-triazoles. <i>Molecular Diversity</i> , 2015, 19, 787-795. | 2.1 | 41 |
| 14 | 2-Amino-3-cyano-4-(5-arylisoxazol-3-yl)-chromenes: Synthesis and <i>In Vitro</i> Cytotoxic Activity. <i>Archiv Der Pharmazie</i> , 2012, 345, 386-392. | 2.1 | 40 |
| 15 | Synthesis, in vitro evaluation, and molecular docking studies of novel hydrazineylideneindolinone linked to phenoxy-methyl-1,2,3-triazole derivatives as potential α -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2021, 111, 104869. | 2.0 | 33 |
| 16 | An Evidence-Based Review on Medicinal Plants Used as Insecticide and Insect Repellent in Traditional Iranian Medicine. <i>Iranian Red Crescent Medical Journal</i> , 2016, 18, e22361. | 0.5 | 31 |
| 17 | 4-Aryl-4H-Chromene-3-Carbonitrile Derivatives: Evaluation of Src Kinase Inhibitory and Anticancer Activities. <i>Medicinal Chemistry</i> , 2011, 7, 466-472. | 0.7 | 29 |
| 18 | Synthesis of Novel 1,2,3-Triazole-dihydro[3,2-c]chromenones as Acetylcholinesterase Inhibitors. <i>Synthetic Communications</i> , 2015, 45, 2311-2318. | 1.1 | 29 |

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|----|--|-----|-----------|
| 19 | Design, synthesis, in vitro, and in silico studies of novel diarylimidazole-1,2,3-triazole hybrids as potent α -glucosidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 115148. | 1.4 | 29 |
| 20 | Design and Synthesis of Selective Acetylcholinesterase Inhibitors: Arylisoxazole- ϵ -Phenylpiperazine Derivatives. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800433. | 1.0 | 28 |
| 21 | Synthesis of Novel Benzo[6,7][1,4]oxazepino[4,5-a]quinazolinone Derivatives via Transition-Metal-Free Intramolecular Hydroamination. <i>Synlett</i> , 2014, 25, 385-388. | 1.0 | 26 |
| 22 | In vitro antimicrobial and acetylcholinesterase inhibitory activities of coumarins from <i>Ferulago carduchorum</i> . <i>Medicinal Chemistry Research</i> , 2016, 25, 1623-1629. | 1.1 | 26 |
| 23 | Design and Synthesis of Novel Arylisoxazole- ϵ -Chromenone Carboxamides: Investigation of Biological Activities Associated with Alzheimer's Disease. <i>Chemistry and Biodiversity</i> , 2020, 17, e1900746. | 1.0 | 26 |
| 24 | Palladium functionalized phosphinite polyethyleneimine grafted magnetic silica nanoparticles as an efficient catalyst for the synthesis of isoquinolino[1,2- <i>b</i>]quinazolin-8-ones. <i>New Journal of Chemistry</i> , 2018, 42, 5499-5507. | 1.4 | 25 |
| 25 | Novel tetrahydrocarbazole benzyl pyridine hybrids as potent and selective butryl cholinesterase inhibitors with neuroprotective and β -secretase inhibition activities. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 49-60. | 2.6 | 25 |
| 26 | Synthesis of 4-alkylaminoimidazo[1,2- <i>a</i>]pyridines linked to carbamate moiety as potent α -glucosidase inhibitors. <i>Molecular Diversity</i> , 2021, 25, 2399-2409. | 2.1 | 25 |
| 27 | Synthesis and bio-evaluation of new multifunctional methylindolinone-1,2,3-triazole hybrids as anti-Alzheimer's agents. <i>Journal of Molecular Structure</i> , 2021, 1229, 129828. | 1.8 | 24 |
| 28 | Design, synthesis, in vivo, and in silico evaluation of new coumarin-1,2,4-oxadiazole hybrids as anticonvulsant agents. <i>Bioorganic Chemistry</i> , 2019, 89, 102989. | 2.0 | 23 |
| 29 | Chemodiversity of <i>Nepeta menthoides</i> Boiss. & Bohse. essential oil from Iran and antimicrobial, acetylcholinesterase inhibitory and cytotoxic properties of 1,8-cineole chemotype. <i>Natural Product Research</i> , 2018, 32, 2745-2748. | 1.0 | 22 |
| 30 | Design and synthesis of multi-target directed 1,2,3-triazole-dimethylaminoacryloyl-chromenone derivatives with potential use in Alzheimer's disease. <i>BMC Chemistry</i> , 2020, 14, 64. | 1.6 | 22 |
| 31 | Synthesis and cytotoxic activity of novel poly-substituted imidazo[2,1- <i>b</i>]triazin-6-amines. <i>Molecular Diversity</i> , 2015, 19, 273-281. | 2.1 | 20 |
| 32 | Synthesis and evaluation of novel oxoisoindoline derivatives as acetylcholinesterase inhibitors. <i>Monatshefte für Chemie</i> , 2015, 146, 637-643. | 0.9 | 20 |
| 33 | 1,2,3-Triazole-Isoxazole Based Acetylcholinesterase Inhibitors: Synthesis, Biological Evaluation and Docking Study. <i>Letters in Drug Design and Discovery</i> , 2016, 14, 58-65. | 0.4 | 20 |
| 34 | Cyanoacetohydrazide linked to 1,2,3-triazole derivatives: a new class of α -glucosidase inhibitors. <i>Scientific Reports</i> , 2022, 12, . | 1.6 | 20 |
| 35 | Synthesis of Novel Tacrine Analogs as Acetylcholinesterase Inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 384-390. | 1.4 | 19 |
| 36 | Naturally occurring and synthetic peptides: Efficient tyrosinase inhibitors. <i>Journal of Peptide Science</i> , 2021, 27, e3329. | 0.8 | 19 |

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|----|---|-----|-----------|
| 37 | Synthesis of Two Novel 3-Amino-5-[4-chloro-2-phenoxyphenyl]-4H-1,2,4-triazoles with Anticonvulsant Activity. <i>Iranian Journal of Pharmaceutical Research</i> , 2010, 9, 265-9. | 0.3 | 19 |
| 38 | Novel Tacrine-Based Pyrano[3,4:5,6]pyrano[2,3-b]quinolinones: Synthesis and Cholinesterase Inhibitory Activity. <i>Archiv Der Pharmazie</i> , 2016, 349, 915-924. | 2.1 | 18 |
| 39 | In vitro cholinesterase inhibitory activity of some plants used in Iranian traditional medicine. <i>Natural Product Research</i> , 2017, 31, 2690-2694. | 1.0 | 18 |
| 40 | Design, synthesis, and biological evaluation of selective and potent Carbazole-based butyrylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4952-4962. | 1.4 | 17 |
| 41 | Synthesis and Biological Activity of Some Benzochromenoquinolinones: Tacrine Analogs as Potent Anti-Alzheimer's Agents. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800488. | 1.0 | 17 |
| 42 | Novel N-benzylpyridinium moiety linked to arylisoxazole derivatives as selective butyrylcholinesterase inhibitors: Synthesis, biological evaluation, and docking study. <i>Bioorganic Chemistry</i> , 2019, 92, 103192. | 2.0 | 16 |
| 43 | Thieno[2,3-b]pyridine amines: Synthesis and evaluation of tacrine analogs against biological activities related to Alzheimer's disease. <i>Archiv Der Pharmazie</i> , 2020, 353, 2000101. | 2.1 | 16 |
| 44 | Design, Synthesis and Cytotoxicity of Novel Coumarin-1,2,3-triazole-1,2,4- Oxadiazole Hybrids as Potent Anti-breast Cancer Agents. <i>Letters in Drug Design and Discovery</i> , 2019, 16, 818-824. | 0.4 | 16 |
| 45 | Design, synthesis, biological evaluation, and molecular dynamics of novel cholinesterase inhibitors as anti-Alzheimer's agents. <i>Archiv Der Pharmazie</i> , 2019, 352, e1800352. | 2.1 | 15 |
| 46 | Synthesis and In Vitro Cytotoxic Activity of Novel Triazole-Isoxazole Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1743-1747. | 1.4 | 14 |
| 47 | Design, Synthesis, and Molecular Docking of Some Novel Tacrine Based Cyclopentapyranopyridine and Tetrahydropyranoquinoline Kojic Acid Derivatives as Anti-Acetylcholinesterase Agents. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000924. | 1.0 | 14 |
| 48 | Novel tacrine-based acetylcholinesterase inhibitors as potential agents for the treatment of Alzheimer's disease: Quinolotacrine hybrids. <i>Molecular Diversity</i> , 2022, 26, 489-503. | 2.1 | 14 |
| 49 | Design, synthesis, and evaluation of novel cinnamic acid-tryptamine hybrid for inhibition of acetylcholinesterase and butyrylcholinesterase. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 463-477. | 0.9 | 13 |
| 50 | Novel N-benzylpiperidine derivatives of 5-arylisoxazole-3-carboxamides as anti-Alzheimer's agents. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000258. | 2.1 | 12 |
| 51 | Synthesis and evaluation of novel arylisoxazoles linked to tacrine moiety: in vitro and in vivo biological activities against Alzheimer's disease. <i>Molecular Diversity</i> , 2022, 26, 409-428. | 2.1 | 12 |
| 52 | Synthesis and biological evaluation of novel imidazopyrimidinamines as anticancer agents. <i>Chemical Biology and Drug Design</i> , 2017, 89, 797-805. | 1.5 | 11 |
| 53 | Phytochemical constituents and biological activities of <i>Salvia macrosiphon</i> Boiss.. <i>BMC Chemistry</i> , 2021, 15, 4. | 1.6 | 11 |
| 54 | Design, Synthesis, and In Vitro and In Vivo Evaluation of Novel Fluconazole-Based Compounds with Promising Antifungal Activities. <i>ACS Omega</i> , 2021, 6, 24981-25001. | 1.6 | 11 |

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|----|--|-----|-----------|
| 55 | Novel Indole-Isoxazole Hybrids: Synthesis and In Vitro Anti-Cholinesterase Activity. <i>Letters in Drug Design and Discovery</i> , 2017, 14, . | 0.4 | 8 |
| 56 | Anti-cholinesterase and Neuroprotective Activities of Sweet and Bitter Apricot Kernels (L). <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 216-224. | 0.3 | 8 |
| 57 | , a Bioactive Essential Oil: Chemical Composition and Biological Activities. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 412-421. | 0.3 | 8 |
| 58 | Synthesis and evaluation of antiproliferative activity of substituted N-(9-oxo-9H-xanthen-4-yl)benzenesulfonamides. <i>Tetrahedron Letters</i> , 2014, 55, 373-375. | 0.7 | 7 |
| 59 | Phytochemical investigation and anticholinesterase activity of ethyl acetate fraction of <i>Myristica fragrans</i> Houtt. seeds. <i>Natural Product Research</i> , 2022, 36, 610-616. | 1.0 | 7 |
| 60 | Design, synthesis and biological assessment of new 1-benzyl-4-((4-oxoquinazolin-3(4H)-yl)methyl)pyridin-1-ium derivatives (BOPs) as potential dual inhibitors of acetylcholinesterase and butyrylcholinesterase. <i>Heliyon</i> , 2021, 7, e06683. | 1.4 | 7 |
| 61 | Phytochemical analysis, antimicrobial, antioxidant activities and total phenols of <i>Ferulago carduchorum</i> in two vegetative stages (flower and fruit). <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2016, 29, 623-8. | 0.2 | 7 |
| 62 | Synthesis of novel 2-(2-methylsulfonyl-1-methyl-5H-imidazol-5-yl)-5-(alkylsulfonyl)-1,3,4-thiadiazoles. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 454-457. | 1.4 | 5 |
| 63 | Synthesis and Cytotoxic Evaluation of Novel 1,2,3-Triazole-4-Linked (2-E,6-E)-2-Benzylidene-6-(4-nitrobenzylidene)cyclohexanones. <i>Helvetica Chimica Acta</i> , 2016, 99, 175-180. | 1.0 | 5 |
| 64 | Facile access to new pyrido[2,3-d]pyrimidine derivatives. <i>Molecular Diversity</i> , 2019, 23, 333-340. | 2.1 | 5 |
| 65 | Investigation of anti-Alzheimer's activity of aqueous extract of areca nuts (<i>Areca catechu</i> L.): In vitro and in vivo studies. <i>Boletín Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas</i> , 2021, 20, 406-415. | 0.2 | 5 |
| 66 | Phytochemical Analysis and Evaluation of Biological Activity of <i>Lawsonia inermis</i> Seeds Related to Alzheimer's Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-10. | 0.5 | 5 |
| 67 | One-Pot Synthesis of 4-Alkoxybenzo[c]thiophenes. <i>Synthetic Communications</i> , 2004, 34, 1455-1462. | 1.1 | 4 |
| 68 | A green and efficient synthesis of 2-thioxoquinazolinone derivatives in water using potassium thiocyanate. <i>Journal of Sulfur Chemistry</i> , 2017, 38, 519-529. | 1.0 | 4 |
| 69 | Design, synthesis, in vivo and in vitro studies of 1,2,3,4-tetrahydro-9H-carbazole derivatives, highly selective and potent butyrylcholinesterase inhibitors. <i>Molecular Diversity</i> , 2020, 24, 211-223. | 2.1 | 4 |
| 70 | 6-Methoxy-1-tetralone Derivatives Bearing an Arylpyridinium Moiety as Cholinesterase Inhibitors: Design, Synthesis, Biological Evaluation, and Molecular Docking Study. <i>ChemistrySelect</i> , 2022, 7, . | 0.7 | 4 |
| 71 | Design and Synthesis of Novel 5-Arylisoxazole-1,3,4-thiadiazole Hybrids as α -Glucosidase Inhibitors. <i>Letters in Drug Design and Discovery</i> , 2021, 18, 436-444. | 0.4 | 3 |
| 72 | Phytochemical investigation and biological activity of <i>Doronicum pardalianches</i> L. roots against Alzheimer's disease. <i>Natural Product Research</i> , 2023, 37, 1227-1231. | 1.0 | 3 |

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|----|---|-----|-----------|
| 73 | Anti Compounds from Vent. through Urease Inhibitory and Studies.. Iranian Journal of Pharmaceutical Research, 2021, 20, 476-489. | 0.3 | 3 |
| 74 | Synthesis of novel 1,2,3-triazole derivatives of 2,3-dihydroquinazolin-4(1H)-one. Monatshefte für Chemie, 2016, 147, 2151-2156. | 0.9 | 2 |
| 75 | Synthesis and Anticancer Activity of N-(di/trimethoxyaryl)-5-arylisoxazole-3-carboxamide. Polycyclic Aromatic Compounds, 2020, 40, 1568-1580. | 1.4 | 2 |
| 76 | Novel 1,2,4-oxadiazole derivatives as selective butyrylcholinesterase inhibitors: Design, synthesis and biological evaluation. EXCLI Journal, 2021, 20, 907-921. | 0.5 | 2 |
| 77 | Green Decarboxylative Aminoalkylation of Coumarin-3-Carboxylic Acids. ChemistrySelect, 2019, 4, 13695-13697. | 0.7 | 1 |
| 78 | Anticholinesterase Activity of Cinnamic Acids Derivatives: In Vitro, In Vivo Biological Evaluation, and Docking Study. Letters in Drug Design and Discovery, 2020, 17, 965-982. | 0.4 | 1 |
| 79 | Caring for Newborn's Umbilical Cord from Iranian Traditional Medicine Point of View. Iranian Journal of Medical Sciences, 2016, 41, S24. | 0.3 | 0 |
| 80 | Ugi Adducts: Design and Synthesis of Natural-based α -glucosidase Inhibitors. Letters in Organic Chemistry, 2022, 19, 1084-1093. | 0.2 | 0 |