

Tahmineh Akbarzadeh

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

1,875
citations

257101

24
h-index

301761

39
g-index

82
all docs

82
docs citations

82
times ranked

1977
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Ugi Adducts: Design and Synthesis of Natural-based α -glucosidase Inhibitors. <i>Letters in Organic Chemistry</i> , 2022, 19, 1084-1093.	0.2	0
6	Cyanoacetohydrazide linked to 1,2,3-triazole derivatives: a new class of α -glucosidase inhibitors. <i>Scientific Reports</i> , 2022, 12, .	1.6	20
7	6-Methoxy- δ -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
8	Synthesis of 4-alkylaminoimidazo[1,2-a]pyridines linked to carbamate moiety as potent α -glucosidase inhibitors. <i>Molecular Diversity</i> , 2021, 25, 2399-2409.	2.1	25
9	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
10	Phytochemical constituents and biological activities of <i>Salvia macrosiphon</i> Boiss.. <i>BMC Chemistry</i> , 2021, 15, 4.	1.6	11
11	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
12	Naturally occurring and synthetic peptides: Efficient tyrosinase inhibitors. <i>Journal of Peptide Science</i> , 2021, 27, e3329.	0.8	19
13	Investigation of anti-Alzheimer's activity of aqueous extract of areca nuts (<i>Areca catechu</i> L.): In vitro and in vivo studies. <i>Boletin Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas</i> , 2021, 20, 406-415.	0.2	5
14	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
15	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
16	Synthesis, in vitro evaluation, and molecular docking studies of novel hydrazineylideneindolinone linked to phenoxyethyl-1,2,3-triazole derivatives as potential α -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2021, 111, 104869.	2.0	33
17	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
18	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

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19	Design, Synthesis, and <i>In Vitro</i> and <i>In Vivo</i> Evaluation of Novel Fluconazole-Based Compounds with Promising Antifungal Activities. ACS Omega, 2021, 6, 24981-25001.	1.6	11
20	Novel 1,2,4-oxadiazole derivatives as selective butyrylcholinesterase inhibitors: Design, synthesis and biological evaluation. EXCLI Journal, 2021, 20, 907-921.	0.5	2
21	Anti Compounds from Vent. through Urease Inhibitory and Studies.. Iranian Journal of Pharmaceutical Research, 2021, 20, 476-489.	0.3	3
22	Design, synthesis, in vivo and in vitro studies of 1,2,3,4-tetrahydro-9H-carbazole derivatives, highly selective and potent butyrylcholinesterase inhibitors. Molecular Diversity, 2020, 24, 211-223.	2.1	4
23	Synthesis and Anticancer Activity of N-(di/trimethoxyaryl)-5-arylisoxazole-3-carboxamide. Polycyclic Aromatic Compounds, 2020, 40, 1568-1580.	1.4	2
24	Design and synthesis of multi-target directed 1,2,3-triazole-dimethylaminoacryloyl-chromenone derivatives with potential use in Alzheimer's disease. BMC Chemistry, 2020, 14, 64.	1.6	22
25	Design, synthesis, and evaluation of novel cinnamic acid-tryptamine hybrid for inhibition of acetylcholinesterase and butyrylcholinesterase. DARU, Journal of Pharmaceutical Sciences, 2020, 28, 463-477.	0.9	13
26	Design and Synthesis of Novel Arylisoxazole- ϵ -Chromenone Carboxamides: Investigation of Biological Activities Associated with Alzheimer's Disease. Chemistry and Biodiversity, 2020, 17, e1900746.	1.0	26
27	Thieno[2,3- <i>b</i>]pyridine amines: Synthesis and evaluation of tacrine analogs against biological activities related to Alzheimer's disease. Archiv Der Pharmazie, 2020, 353, 2000101.	2.1	16
28	Anti-cholinesterase and Neuroprotective Activities of Sweet and Bitter Apricot Kernels (L). Iranian Journal of Pharmaceutical Research, 2020, 19, 216-224.	0.3	8
29	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
30	Design, synthesis, in vitro, and in silico studies of novel diarylimidazole-1,2,3-triazole hybrids as potent β -glucosidase inhibitors. Bioorganic and Medicinal Chemistry, 2019, 27, 115148.	1.4	29
31	Novel N-benzylpyridinium moiety linked to arylisoxazole derivatives as selective butyrylcholinesterase inhibitors: Synthesis, biological evaluation, and docking study. Bioorganic Chemistry, 2019, 92, 103192.	2.0	16
32	Synthesis and Biological Activity of Some Benzochromenoquinolinones: Tacrine Analogs as Potent Anti-Alzheimer's Agents. Chemistry and Biodiversity, 2019, 16, e1800488.	1.0	17
33	Design, synthesis, biological evaluation, and molecular dynamics of novel cholinesterase inhibitors as anti-Alzheimer's agents. Archiv Der Pharmazie, 2019, 352, e1800352.	2.1	15
34	Design, synthesis, in vivo, and in silico evaluation of new coumarin-1,2,4-oxadiazole hybrids as anticonvulsant agents. Bioorganic Chemistry, 2019, 89, 102989.	2.0	23
35	Green Decarboxylative Aminoalkylation of Coumarin- β -Carboxylic Acids. ChemistrySelect, 2019, 4, 13695-13697.	0.7	1
36	Design and Synthesis of Selective Acetylcholinesterase Inhibitors: Arylisoxazole- ϵ -Phenylpiperazine Derivatives. Chemistry and Biodiversity, 2019, 16, e1800433.	1.0	28

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37	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
38	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
39	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
40	Facile access to new pyrido[2,3-d]pyrimidine derivatives. <i>Molecular Diversity</i> , 2019, 23, 333-340.	2.1	5
41	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
42	, a Bioactive Essential Oil: Chemical Composition and Biological Activities. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 412-421.	0.3	8
43	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
44	Design and synthesis of novel coumarin-pyridinium hybrids: In vitro cholinesterase inhibitory activity. <i>Bioorganic Chemistry</i> , 2018, 77, 311-319.	2.0	44
45	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
46	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
47	Synthesis of New Benzimidazole-1,2,3-triazole Hybrids as Tyrosinase Inhibitors. <i>Chemistry and Biodiversity</i> , 2018, 15, e1800120.	1.0	50
48	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
49	Synthesis of Novel Tacrine Analogs as Acetylcholinesterase Inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 384-390.	1.4	19
50	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
51	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
52	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
53	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
54	Synthesis and biological evaluation of novel imidazopyrimidinamines as anticancer agents. <i>Chemical Biology and Drug Design</i> , 2017, 89, 797-805.	1.5	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	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
57	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
58	Synthesis of novel 1,2,3-triazole derivatives of 2,3-dihydroquinazolin-4(1H)-one. <i>Monatshefte für Chemie</i> , 2016, 147, 2151-2156.	0.9	2
59	Novel Tacrine-Based Pyrano[3,4-b:5,6]pyrano[2,3-b]quinolinones: Synthesis and Cholinesterase Inhibitory Activity. <i>Archiv Der Pharmazie</i> , 2016, 349, 915-924.	2.1	18
60	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
61	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
62	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
63	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
64	Caring for Newborn's Umbilical Cord from Iranian Traditional Medicine Point of View. <i>Iranian Journal of Medical Sciences</i> , 2016, 41, S24.	0.3	0
65	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
66	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
67	Synthesis and cytotoxic activity of novel poly-substituted imidazo[2,1-b]triazin-6-amines. <i>Molecular Diversity</i> , 2015, 19, 273-281.	2.1	20
68	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
69	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
70	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
71	Synthesis and evaluation of novel oxoisoindoline derivatives as acetylcholinesterase inhibitors. <i>Monatshefte für Chemie</i> , 2015, 146, 637-643.	0.9	20
72	Synthesis and In Vitro Cytotoxic Activity of Novel Triazole-Isoxazole Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1743-1747.	1.4	14

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73	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
74	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
75	2-Amino-3-cyano-4-(5-arylisoxazol-3-yl)-1H-chromenes: Synthesis and <i>In Vitro</i> Cytotoxic Activity. <i>Archiv Der Pharmazie</i> , 2012, 345, 386-392.	2.1	40
76	Synthesis of novel 2-(2-methylsulfonyl-1-methyl-1H-imidazol-5-yl)-5-(alkylsulfonyl)-1,3,4-thiadiazoles. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 454-457.	1.4	5
77	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
78	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
79	One-Pot Synthesis of 4-Alkoxybenzo[c]thiophenes. <i>Synthetic Communications</i> , 2004, 34, 1455-1462.	1.1	4
80	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