

# Alireza Moradi

## List of Publications by Year in descending order

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65  
papers

1,846  
citations

236612

25  
h-index

288905

40  
g-index

69  
all docs

69  
docs citations

69  
times ranked

2277  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel coumarin derivatives bearing N-benzyl pyridinium moiety: Potent and dual binding site acetylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 7214-7222.	1.4	108
2	Novel coumarin-3-carboxamides bearing N-benzylpiperidine moiety as potent acetylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 623-630.	2.6	106
3	Synthesis and evaluation of 4-substituted coumarins as novel acetylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 64, 252-259.	2.6	100
4	Design, synthesis, biological evaluation and docking study of 5-oxo-4,5-dihydropyrano[3,2-c]chromene derivatives as acetylcholinesterase and butyrylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 260-269.	2.6	91
5	Synthesis and anticholinesterase activity of coumarin-3-carboxamides bearing tryptamine moiety. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 40-46.	2.6	88
6	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
7	Indolinone-based acetylcholinesterase inhibitors: Synthesis, biological activity and molecular modeling. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 375-381.	2.6	73
8	New tetracyclic tacrine analogs containing pyrano[2,3-c]pyrazole: Efficient synthesis, biological assessment and docking simulation study. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 296-303.	2.6	70
9	Synthesis and anti-cholinesterase activity of new 7-hydroxycoumarin derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 536-544.	2.6	69
10	Synthesis, biological evaluation and docking study of 3-aryl-1-(4-sulfamoylphenyl)thiourea derivatives as 15-lipoxygenase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 308-313.	2.6	51
11	Design, synthesis, docking study and biological evaluation of some novel tetrahydrochromeno [3,4-b]pyrano[2,3-b]quinolin-6(7H)-one derivatives against acetyl- and butyrylcholinesterase. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 291-300.	2.6	50
12	Synthesis and structure-activity relationship study of benzofuran-based chalconoids bearing benzylpyridinium moiety as potent acetylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 361-369.	2.6	48
13	New racemic annulated pyrazolo[1,2-b]phthalazines as tacrine-like AChE inhibitors with potential use in Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 280-289.	2.6	45
14	Synthesis and Anticholinergic Activity of 4-hydroxycoumarin Derivatives Containing Substituted Benzyl-1,2,3-triazole Moiety. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1215-1220.	1.5	42
15	New tacrine-derived AChE/BuChE inhibitors: Synthesis and biological evaluation of 5-amino-2-phenyl-4H-pyrano[2,3-b]quinoline-3-carboxylates. <i>European Journal of Medicinal Chemistry</i> , 2017, 128, 237-246.	2.6	41
16	Synthesis and structure-activity relationship study of tacrine-based pyrano[2,3-c]pyrazoles targeting AChE/BuChE and 15-LOX. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 298-308.	2.6	40
17	Design, synthesis, molecular modeling and anticholinesterase activity of benzylidene-benzofuran-3-ones containing cyclic amine side chain. <i>Future Medicinal Chemistry</i> , 2017, 9, 659-671.	1.1	39
18	5,6-Dimethoxybenzofuran-3-one derivatives: a novel series of dual Acetylcholinesterase/Butyrylcholinesterase inhibitors bearing benzyl pyridinium moiety. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2013, 21, 15.	0.9	30

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19	Imidazo[2,1-b]thiazole derivatives as new inhibitors of 15-lipoxygenase. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 759-764.	2.6	30
20	9 <i>H</i> -Carbazole Derivatives Containing the <i>N</i> -Benzyl-1,2,3-triazole Moiety as New Acetylcholinesterase Inhibitors. <i>Archiv Der Pharmazie</i> , 2015, 348, 366-374.	2.1	29
21	Design, synthesis and anticholinesterase activity of novel benzylidenechroman-4-ones bearing cyclic amine side chain. <i>European Journal of Medicinal Chemistry</i> , 2015, 97, 181-189.	2.6	29
22	Cryoprotectant-free vitrification of human spermatozoa in new artificial seminal fluid. <i>Andrology</i> , 2016, 4, 1037-1044.	1.9	29
23	Design, Synthesis, and Cholinesterase Inhibition Assay of Coumarin-3-carboxamide- <i>N</i> -morpholine Hybrids as New Anti-Alzheimer Agents. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900144.	1.0	28
24	Synthesis of Some New 3-coumaranone and Coumarin Derivatives as Dual Inhibitors of Acetyl- and Butyrylcholinesterase. <i>Archiv Der Pharmazie</i> , 2013, 346, 577-587.	2.1	27
25	Synthesis and Evaluation of Coumarin-Resveratrol Hybrids as 15-Lipoxygenase Inhibitors. <i>Synthetic Communications</i> , 2015, 45, 741-749.	1.1	27
26	Novel tetrahydrocarbazole benzyl pyridine hybrids as potent and selective butryl cholinesterase inhibitors with neuroprotective and $\beta$ -secretase inhibition activities. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 49-60.	2.6	25
27	Synthesis and biological evaluation of 5-benzylidenerhodanine-3-acetic acid derivatives as AChE and 15-LOX inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 389-395.	2.5	22
28	Synthesis and Evaluation of Chroman-4-one Linked to <i>N</i> -Benzyl Pyridinium Derivatives as New Acetylcholinesterase Inhibitors. <i>Archiv Der Pharmazie</i> , 2015, 348, 643-649.	2.1	22
29	Synthesis and anticholinesterase activity of new substituted benzo[ <i>d</i> ]oxazole-based derivatives. <i>Chemical Biology and Drug Design</i> , 2017, 89, 783-789.	1.5	21
30	Phthalimide-Derived <i>N</i> -Benzylpyridinium Halides Targeting Cholinesterases: Synthesis and Bioactivity of New Potential Anti-Alzheimer's Disease Agents. <i>Archiv Der Pharmazie</i> , 2016, 349, 293-301.	2.1	20
31	Structure-based design, synthesis, molecular docking study and biological evaluation of 1,2,4-triazine derivatives acting as COX/15-LOX inhibitors with anti-oxidant activities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1602-1611.	2.5	20
32	Synthesis of Novel Benzimidazole and Benzothiazole Derivatives Bearing a 1,2,3-triazole Ring System and their Acetylcholinesterase Inhibitory Activity. <i>Journal of Chemical Research</i> , 2017, 41, 30-35.	0.6	20
33	Design and Synthesis of 2-Phenoxycotinic Acid Hydrazides as Anti-Inflammatory and Analgesic Agents. <i>Archiv Der Pharmazie</i> , 2010, 343, 509-518.	2.1	18
34	5-Nitro-heteroarylidene analogs of 2-thiazolylimino-4-thiazolidinones as a novel series of antibacterial agents. <i>Medicinal Chemistry Research</i> , 2013, 22, 2293-2302.	1.1	18
35	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
36	Synthesis and neuroprotective activity of novel 1,2,4-triazine derivatives with ethyl acetate moiety against H <sub>2</sub> O <sub>2</sub> and Al <sup>3+</sup> -induced neurotoxicity. <i>Medicinal Chemistry Research</i> , 2017, 26, 3057-3071.	1.1	16

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37	Synthesis, docking study, and biological evaluation of novel umbellipherone/hymecromone derivatives as acetylcholinesterase/butyrylcholinesterase inhibitors. <i>Medicinal Chemistry Research</i> , 2018, 27, 1741-1747.	1.1	16
38	Homology modeling, molecular dynamic simulation, and docking based binding site analysis of human dopamine (D4) receptor. <i>Journal of Molecular Modeling</i> , 2015, 21, 36.	0.8	15
39	Quinoline-based imidazole-fused heterocycles as new inhibitors of 15-lipoxygenase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 205-209.	2.5	15
40	Synthesis and cholinesterase inhibitory activity of new 2-benzofuran carboxamide-benzylpyridinium salts. <i>Bioorganic Chemistry</i> , 2018, 80, 180-188.	2.0	15
41	Differentiation of bone marrow mesenchymal stem cells into chondrocytes after short term culture in alkaline medium. <i>International Journal of Hematology-Oncology and Stem Cell Research</i> , 2014, 8, 12-9.	0.3	15
42	New classes of carbazoles as potential multi-functional anti-Alzheimer's agents. <i>Bioorganic Chemistry</i> , 2019, 91, 103164.	2.0	14
43	2-(2-(4-Benzoylpiperazin-1-yl)ethyl)isoindoline-1,3-dione derivatives: Synthesis, docking and acetylcholinesterase inhibitory evaluation as anti-alzheimer agents. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 59-66.	1.0	14
44	Hetero-annulated coumarins as new AChE/BuChE inhibitors: synthesis and biological evaluation. <i>Medicinal Chemistry Research</i> , 2016, 25, 1831-1841.	1.1	13
45	Synthesis and anti-acetylcholinesterase activity of benzotriazinone-triazole systems. <i>Journal of Chemical Sciences</i> , 2016, 128, 1445-1449.	0.7	13
46	Synthesis and Evaluation of Novel Quinazolinone-1,2,3-Triazoles as Inhibitors of Lipoxygenase. <i>Journal of Chemical Research</i> , 2016, 40, 188-191.	0.6	13
47	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
48	Synthesis and Antiacetylcholinesterase Activity Evaluation of New 2-aryl Benzofuran Derivatives. <i>Letters in Drug Design and Discovery</i> , 2016, 13, 897-902.	0.4	12
49	Umbilical Cord Mesenchymal Stem/Stromal Cells Potential to Treat Organ Disorders; An Emerging Strategy. <i>Current Stem Cell Research and Therapy</i> , 2022, 17, 126-146.	0.6	11
50	Aminoalkyl-substituted flavonoids: synthesis, cholinesterase inhibition, $\beta$ -amyloid aggregation, and neuroprotective study. <i>Medicinal Chemistry Research</i> , 2019, 28, 974-983.	1.1	9
51	Treatment with platelet lysate induces endothelial differentiation of bone marrow mesenchymal stem cells under fluid shear stress. <i>EXCLI Journal</i> , 2014, 13, 638-49.	0.5	8
52	gene expression in antimony resistance and susceptible isolates. <i>Journal of Vector Borne Diseases</i> , 2016, 53, 370-374.	0.1	8
53	Antiamnesic Effects of Walnuts Consumption on Scopolamine-Induced Memory Impairments in Rats. <i>Basic and Clinical Neuroscience</i> , 2015, 6, 91-9.	0.3	7
54	Coumarin derivatives bearing benzoheterocycle moiety: synthesis, cholinesterase inhibitory, and docking simulation study. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 631-638.	1.0	7

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55	Correlation of Serum Adipolin with Epicardial Fat Thickness and Severity of Coronary Artery Diseases in Acute Myocardial Infarction and Stable Angina Pectoris Patients. <i>Medical Principles and Practice</i> , 2021, 30, 52-61.	1.1	6
56	Exposure to global system for mobile communication 900 mhz cellular phone radiofrequency alters growth, proliferation and morphology of michigan cancer foundation-7 cells and mesenchymal stem cells. <i>International Journal of Preventive Medicine</i> , 2018, 9, 51.	0.2	6
57	<i>Journal of Chemical Research</i> , 2017, 41, 120-123.	0.6	5
58	Phthalimide analogs as probable 15-lipoxygenase-1 inhibitors: synthesis, biological evaluation and docking studies. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2015, 23, 36.	0.9	4
59	Synthesis and biological evaluation of chalcone-triazole hybrid derivatives as 15-LOX inhibitors. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018, 73, 77-83.	0.3	4
60	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
61	Synthesis and biological evaluation of 1,3,4,5-tetrasubstituted pyrazole derivatives. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016, 71, 973-977.	0.3	3
62	Cell-based Therapy for Ocular Disorders: A Promising Frontier. <i>Current Stem Cell Research and Therapy</i> , 2022, 17, 147-165.	0.6	2
63	Synthesis of novel derivatives of chromenone bearing an $\text{N}^{\text{S}}$ -carbamothioyl moiety as soybean 15-LOX inhibitors. <i>Turkish Journal of Chemistry</i> , 2017, 41, 335-344.	0.5	1
64	Anticholinesterase Activity of Cinnamic Acids Derivatives: In Vitro, In Vivo Biological Evaluation, and Docking Study. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 965-982.	0.4	1
65	Antinociceptive activity of some 1,4-substituted piperidine derivatives using tail flick method in mice. <i>African Journal of Pharmacy and Pharmacology</i> , 2011, 5, 352-357.	0.2	0