Mohammad Mahdavi

List of Publications by Year
in descending order

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332	6,720	81743	143772
papers	citations	39 h-index	57 g-index

381	381	381	5233
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review on tacrine-based scaffolds as multi-target drugs (MTDLs) for Alzheimer's disease. European Journal of Medicinal Chemistry, 2017, 128, 332-345.	2.6	147
2	Design and synthesis of novel quinazolinone-1,2,3-triazole hybrids as new anti-diabetic agents: In vitro Î±-glucosidase inhibition, kinetic, and docking study. Bioorganic Chemistry, 2019, 83, 161-169.	2.0	119
3	Dimethyl Sulfoxide: Yesterday's Solvent, Today's Reagent. Advanced Synthesis and Catalysis, 2020, 362, 65-86.	2.1	112
4	Catalyst-free three-component reaction between 2-aminopyridines (or 2-aminothiazoles), aldehydes, and isocyanides in water. Tetrahedron Letters, 2007, 48, 7263-7265.	0.7	105
5	Novel tacrine-coumarin hybrids linked to 1,2,3-triazole as anti-Alzheimerâ€™s compounds: In vitro and in vivo biological evaluation and docking study. Bioorganic Chemistry, 2019, 83, 303-316.	2.0	94
6	Potent acetylcholinesterase inhibitors: Design, synthesis, biological evaluation, and docking study of acridone linked to 1,2,3-triazole derivatives. European Journal of Medicinal Chemistry, 2015, 92, 799-806.	2.6	91
7	C3â€Functionalization of Imidazo[1,2â€a]pyridines. European Journal of Organic Chemistry, 2020, 2020, 269-284.	1.2	90
8	Novel tacrine-1,2,3-triazole hybrids: InÂvitro, inÂvivo biological evaluation and docking study of cholinesterase inhibitors. European Journal of Medicinal Chemistry, 2017, 125, 1200-1212.	2.6	88
9	Synthesis, inÂvitro cytotoxicity and apoptosis inducing study of 2-aryl-3-nitro-2H-chromene derivatives as potent anti-breast cancer agents. European Journal of Medicinal Chemistry, 2014, 86, 562-569.	2.6	84
10	Transitionâ€Metalâ€Catalyzed Acyloxylation: Activation of C(sp²)â€“H and C(sp³)â€“H Bonds. European Journal of Organic Chemistry, 2016, 2016, 3282-3299.	1.2	82
11	Design, synthesis and anti-Alzheimerâ€™s activity of novel 1,2,3-triazole-chromenone carboxamide derivatives. Bioorganic Chemistry, 2019, 83, 391-401.	2.0	77
12	Hybrid Bionanocomposite Containing Magnesium Hydroxide Nanoparticles Embedded in a Carboxymethyl Cellulose Hydrogel Plus Silk Fibroin as a Scaffold for Wound Dressing Applications. ACS Applied Materials & Interfaces, 2021, 13, 33840-33849.	4.0	77
13	Design, synthesis, pharmacological evaluation, and docking study of new acridone-based 1,2,4-oxadiazoles as potential anticonvulsant agents. European Journal of Medicinal Chemistry, 2016, 112, 91-98.	2.6	75
14	New 6-amino-pyrido[2,3-d]pyrimidine-2,4-diones as novel agents to treat type 2 diabetes: A simple and efficient synthesis, Î±-glucosidase inhibition, molecular modeling and kinetic study. European Journal of Medicinal Chemistry, 2018, 155, 353-363.	2.6	75
15	Microwave-assisted efficient, one-pot, three-component synthesis of 3,5-disubstituted 1,2,4-oxadiazoles under solvent-free conditions. Tetrahedron Letters, 2006, 47, 2965-2967.	0.7	74
16	Synthesis and anti-leishmanial activity of 5-(5-nitrofuran-2-yl)-1,3,4-thiadiazol-2-amines containing N-[(1-benzyl-1H-1,2,3-triazol-4-yl)methyl] moieties. European Journal of Medicinal Chemistry, 2012, 50, 124-128.	2.6	71
17	Biscoumarin-1,2,3-triazole hybrids as novel anti-diabetic agents: Design, synthesis, in vitro Î±-glucosidase inhibition, kinetic, and docking studies. Bioorganic Chemistry, 2019, 92, 103206.	2.0	70
18	Multifunctional iminochromene-2H-carboxamide derivatives containing different aminomethylene triazole with BACE1 inhibitory, neuroprotective and metal chelating properties targeting Alzheimer's disease. European Journal of Medicinal Chemistry, 2017, 141, 690-702.	2.6	69

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19	Design, synthesis and in vitro Î±-glucosidase inhibition of novel dihydropyrano[3,2-c]quinoline derivatives as potential anti-diabetic agents. Bioorganic Chemistry, 2018, 77, 280-286.	2.0	68
20	Synthesis and anticancer activity of N-substituted 2-arylquinazolinones bearing trans-stilbene scaffold. European Journal of Medicinal Chemistry, 2015, 95, 492-499.	2.6	65
21	Large-scale virtual screening for the identification of new Helicobacter pylori urease inhibitor scaffolds. Journal of Molecular Modeling, 2012, 18, 2917-2927.	0.8	63
22	Synthesis of novel chromenones linked to 1,2,3-triazole ring system: Investigation of biological activities against Alzheimerâ€™s disease. Bioorganic Chemistry, 2017, 70, 86-93.	2.0	61
23	Synthesis of novel fused 4,5-dihydro-1,2,3-triazolo[1,5-a][1,4]benzodiazepine derivatives via four-component Ugiâ€“Smiles-type reaction. Tetrahedron, 2013, 69, 3506-3510.	1.0	58
24	Design, Synthesis, Biological Evaluation, and Docking Study of Acetylcholinesterase Inhibitors: New Acridoneâ€1,2,4â€oxadiazoleâ€1,2,3â€triazole Hybrids. Chemical Biology and Drug Design, 2015, 86, 1425-1432.	1.5	58
25	Benzofuran-derived benzylpyridinium bromides as potent acetylcholinesterase inhibitors. European Journal of Medicinal Chemistry, 2015, 93, 196-201.	2.6	57
26	Design and synthesis of novel anti-Alzheimerâ€™s agents: Acridine-chromenone and quinoline-chromenone hybrids. Bioorganic Chemistry, 2016, 67, 84-94.	2.0	55
27	Synthesis, biological evaluation and docking study of 3-aroyl-1-(4-sulfamoylphenyl)thiourea derivatives as 15-lipoxygenase inhibitors. European Journal of Medicinal Chemistry, 2014, 82, 308-313.	2.6	51
28	Design, synthesis andin vitroÎ±-glucosidase inhibition of novel coumarin-pyridines as potent antidiabetic agents. New Journal of Chemistry, 2018, 42, 17268-17278.	1.4	51
29	Synthesis of New Benzimidazoleâ€1,2,3â€triazole Hybrids as Tyrosinase Inhibitors. Chemistry and Biodiversity, 2018, 15, e1800120.	1.0	50
30	Design, synthesis, docking study, Î±-glucosidase inhibition, and cytotoxic activities of acridine linked to thioacetamides as novel agents in treatment of type 2 diabetes. Bioorganic Chemistry, 2018, 80, 288-295.	2.0	50
31	Synthesis and biological evaluation of new benzimidazole-1,2,3-triazole hybrids as potential Î±-glucosidase inhibitors. Bioorganic Chemistry, 2020, 95, 103482.	2.0	50
32	Synthesis, characterization, molecular docking, and biological activities of coumarinâ€“1,2,3â€triazoleâ€acetamide hybrid derivatives. Archiv Der Pharmazie, 2020, 353, e2000109.	2.1	50
33	Synthesis and structure-activity relationship study of benzofuran-based chalconoids bearing benzylpyridinium moiety as potent acetylcholinesterase inhibitors. European Journal of Medicinal Chemistry, 2015, 103, 361-369.	2.6	48
34	Ullmannâ€Goldberg and Buchwaldâ€Hartwig Câ^'N Cross Couplings: Synthetic Methods to Pharmaceutically Potential Nâ€Heterocycles. Asian Journal of Organic Chemistry, 2021, 10, 1319-1344.	1.3	46
35	Design and synthesis of novel coumarin-pyridinium hybrids: In vitro cholinesterase inhibitory activity. Bioorganic Chemistry, 2018, 77, 311-319.	2.0	44
36	Pectin-cellulose hydrogel, silk fibroin and magnesium hydroxide nanoparticles hybrid nanocomposites for biomedical applications. International Journal of Biological Macromolecules, 2021, 192, 7-15.	3.6	44

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37	Discovery of imidazopyridines containing isoindoline-1,3-dione framework as a new class of BACE1 inhibitors: Design, synthesis and SAR analysis. European Journal of Medicinal Chemistry, 2017, 138, 729-737.	2.6	42
38	Design, synthesis, in vitro cytotoxic activity evaluation, and apoptosis-induction study of new 9(10H)-acridinone-1,2,3-triazoles. Molecular Diversity, 2015, 19, 787-795.	2.1	41
39	New tacrine-derived AChE/BuChE inhibitors: Synthesis and biological evaluation of 5-amino-2-phenyl-4H-pyrano[2,3-b]quinoline-3-carboxylates. European Journal of Medicinal Chemistry, 2017, 128, 237-246.	2.6	41
40	Design, synthesis, biological evaluation, and docking study of novel dual-acting thiazole-pyridiniums inhibiting acetylcholinesterase and Î²-amyloid aggregation for Alzheimerâ€™s disease. Bioorganic Chemistry, 2020, 103, 104186.	2.0	41
41	Design, synthesis, characterization, enzymatic inhibition evaluations, and docking study of novel quinazolinone derivatives. International Journal of Biological Macromolecules, 2021, 170, 1-12.	3.6	40
42	A review on synthesis, mechanism of action, and structure-activity relationships of 1,2,3-triazole-based Î±-glucosidase inhibitors as promising anti-diabetic agents. Journal of Molecular Structure, 2022, 1255, 132469.	1.8	40
43	Palladium catalyst supported on N-aminoguanidine functionalized magnetic graphene oxide as a robust water-tolerant and versatile nanocatalyst. RSC Advances, 2014, 4, 48613-48620.	1.7	39
44	Design, synthesis, molecular modeling and anticholinesterase activity of benzylidene-benzofuran-3-ones containing cyclic amine side chain. Future Medicinal Chemistry, 2017, 9, 659-671.	1.1	39
45	Phthalimide-1,2,3-triazole hybrid compounds as tyrosinase inhibitors; synthesis, biological evaluation and molecular docking analysis. Journal of Molecular Structure, 2019, 1176, 86-93.	1.8	38
46	The natural-based optimization of kojic acid conjugated to different thio-quinazolinones as potential anti-melanogenesis agents with tyrosinase inhibitory activity. Bioorganic and Medicinal Chemistry, 2021, 36, 116044.	1.4	38
47	Magnetic Copper Ferrite Nanoparticles Functionalized by Aromatic Polyamide Chains for Hyperthermia Applications. Langmuir, 2021, 37, 8847-8854.	1.6	38
48	Novel quinazolinâ€4(3H)â€one linked to 1,2,3â€triazoles: Synthesis and anticancer activity. Chemical Biology and Drug Design, 2018, 92, 1373-1381.	1.5	36
49	A Novel, One-Pot, Three-Component Synthesis of 1,2,4-Oxadiazoles under Microwave Irradiation and Solvent-Free Conditions. Synlett, 2006, 2006, 1765-1767.	1.0	34
50	Synthesis and pharmacological properties of polysubstituted 2-amino-4H-pyran-3-carbonitrile derivatives. Molecular Diversity, 2020, 24, 1385-1431.	2.1	34
51	Review: the latest advances in biomedical applications of chitosan hydrogel as a powerful natural structure with eye-catching biological properties. Journal of Materials Science, 2022, 57, 3855-3891.	1.7	34
52	Synthesis of Novel 1,4-Benzodiazepine-3,5-dione Derivatives: Reaction of 2-Aminobenzamides under Bargellini Reaction Conditions. Synlett, 2012, 23, 2521-2525.	1.0	33
53	Efficient multi-component synthesis of 1,4-benzodiazepine-3,5-diones: a Petasis-based approach. Tetrahedron, 2015, 71, 6272-6275.	1.0	33
54	Synthesis, docking study and neuroprotective effects of some novel pyrano[3,2- c]chromene derivatives bearing morpholine/phenylpiperazine moiety. Bioorganic and Medicinal Chemistry, 2017, 25, 3980-3988.	1.4	33

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55	Design and synthesis of novel pyrazole-phenyl semicarbazone derivatives as potential Î±-glucosidase inhibitor: Kinetics and molecular dynamics simulation study. International Journal of Biological Macromolecules, 2021, 166, 1082-1095.	3.6	33
56	Copper supported Î²-cyclodextrin grafted magnetic nanoparticles as an efficient recyclable catalyst for one-pot synthesis of 1-benzyl-1H-1,2,3-triazoldibenzodiazepinone derivatives via click reaction. RSC Advances, 2016, 6, 28838-28843.	1.7	32
57	Design and synthesis of new fused carbazole-imidazole derivatives as anti-diabetic agents: In vitro Î±-glucosidase inhibition, kinetic, and in silico studies. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 713-718.	1.0	32
58	Synthesis of 2,3-diaryl-5H-imidazo[2,1-a]isoindol-5-ones via the one-pot reaction of 1,2-diketones, 2-formylbenzoic acids, and ammonium acetate. Tetrahedron Letters, 2012, 53, 3448-3451.	0.7	31
59	A green one-pot synthesis of N-alkyl-2-(2-oxoazepan-1-yl)-2-arylacetamide derivatives via an Ugi four-center, three-component reaction in water. Tetrahedron Letters, 2012, 53, 7088-7092.	0.7	30
60	Imidazo[2,1-b]thiazole derivatives as new inhibitors of 15-lipoxygenase. European Journal of Medicinal Chemistry, 2014, 87, 759-764.	2.6	30
61	Sulfonic acid-functionalized poly(4-styrenesulfonic acid) mesoporous graphene oxide hybrid for one-pot preparation of coumarin-based pyrido[2,3-d]pyrimidine-dione derivatives. Research on Chemical Intermediates, 2020, 46, 491-507.	1.3	30
62	Recent advances in biological activities of rhodium complexes: Their applications in drug discovery research. European Journal of Medicinal Chemistry, 2021, 216, 113308.	2.6	30
63	Synthesis of Novel 1,2,3-Triazole-dihydro[3,2-c]chromenones as Acetylcholinesterase Inhibitors. Synthetic Communications, 2015, 45, 2311-2318.	1.1	29
64	Design, synthesis, in vitro, and in silico studies of novel diarylimidazole-1,2,3-triazole hybrids as potent Î±-glucosidase inhibitors. Bioorganic and Medicinal Chemistry, 2019, 27, 115148.	1.4	29
65	Anti-cancer, anti-oxidant and molecular docking studies of thiosemicarbazone indole-based derivatives. Research on Chemical Intermediates, 2019, 45, 2827-2854.	1.3	29
66	New Biscoumarin Derivatives as Potent Î±-Glucosidase Inhibitors: Synthesis, Biological Evaluation, Kinetic Analysis, and Docking Study. Polycyclic Aromatic Compounds, 2020, 40, 915-926.	1.4	29
67	New 1,2,3â€triazoleâ€“(thio)barbituric acid hybrids as urease inhibitors: Design, synthesis, in vitro urease inhibition, docking study, and molecular dynamic simulation. Archiv Der Pharmazie, 2020, 353, e2000023.	2.1	29
68	Anti-melanogenesis and anti-tyrosinase properties of aryl-substituted acetamides of phenoxy methyl triazole conjugated with thiosemicarbazide: Design, synthesis and biological evaluations. Bioorganic Chemistry, 2021, 114, 104979.	2.0	29
69	Ionic liquid-functionalized magnetic nanostructures as an efficient catalyst for the synthesis of 6H-chromeno[4,3-b]quinolin-6-ones. Molecular Diversity, 2017, 21, 597-609.	2.1	29
70	Design, Synthesis, and Cholinesterase Inhibition Assay of Coumarinâ€3â€carboxamideâ€Nâ€morpholine Hybrids as New Antiâ€Alzheimer Agents. Chemistry and Biodiversity, 2019, 16, e1900144.	1.0	28
71	Design and Synthesis of Selective Acetylcholinesterase Inhibitors: Arylisoxazoleâ€Phenylpiperazine Derivatives. Chemistry and Biodiversity, 2019, 16, e1800433.	1.0	28
72	Design and synthesis of novel quinazolinone-pyrazole derivatives as potential Î±-glucosidase inhibitors: Structure-activity relationship, molecular modeling and kinetic study. Bioorganic Chemistry, 2021, 114, 105127.	2.0	28

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73	One-Pot, Four-Component Synthesis of Novel Imidazo[2,1-b]thiazol-5-amine Derivatives. Synthesis, 2012, 44, 3649-3654.	1.2	27
74	Reaction of Isatoic Anhydride, Amine, and N,Nâ€²-Dialkyl Carbodiimides Under Solvent-Free Conditions: New and Efficient Synthesis of 3-Alkyl-2-(alkylamino)quinazolin-4(3H)-ones. Synthetic Communications, 2013, 43, 2385-2392.	1.1	27
75	Synthesis and Evaluation of Coumarinâ€“Resveratrol Hybrids as 15-Lipoxygenaze Inhibitors. Synthetic Communications, 2015, 45, 741-749.	1.1	27
76	Copper-catalyzed four-component synthesis of imidazo[1,2-a]pyridines via sequential reductive amination, condensation, and cyclization. Tetrahedron Letters, 2017, 58, 121-124.	0.7	27
77	Copperâ€supported Î²â€cyclodextrinâ€functionalized magnetic nanoparticles: Efficient multifunctional catalyst for oneâ€pot â€˜greenâ€™ synthesis of 1,2,3â€triazolylquinazolinone derivatives. Applied Organometallic Chemistry, 2018, 32, e4212.	1.7	27
78	An efficient and targeted synthetic approach towards new highly substituted 6-amino-pyrazolo[1,5-a]pyrimidines with Î±-glucosidase inhibitory activity. Scientific Reports, 2020, 10, 2595.	1.6	27
79	Preparation of an improved sulfonated carbon-based solid acid as a novel, efficient, and reusable catalyst for chemoselective synthesis of 2-oxazolines and bis-oxazolines. Monatshefte FÃ¼r Chemie, 2009, 140, 1489-1494.	0.9	26
80	Synthesis of Novel Benzo[6,7][1,4]oxazepino[4,5-a]quinazolinone Derivatives via Transition-Metal-Free Intramolecular Hydroamination. Synlett, 2014, 25, 385-388.	1.0	26
81	Synthesis and characterization of Î³-Fe₂O₃@SiO₂â€“(CH₂)₃â€“PDTCâ€“Pd magnetic nanoparticles: a new and highly active catalyst for the Heck/Sonogashira coupling reactions. New Journal of Chemistry, 2019, 43, 8930-8938.	1.4	26
82	Design and synthesis of new imidazo[1,2-b]pyrazole derivatives, in vitro Î±-glucosidase inhibition, kinetic and docking studies. Molecular Diversity, 2020, 24, 69-80.	2.1	26
83	Recent strategies in the synthesis of thiophene derivatives: highlights from the 2012â€“2020 literature. Molecular Diversity, 2021, 25, 2571-2604.	2.1	26
84	Design and Synthesis of Novel Arylisoxazoleâ€Chromenone Carboxamides: Investigation of Biological Activities Associated with Alzheimer's Disease. Chemistry and Biodiversity, 2020, 17, e1900746.	1.0	26
85	Palladium functionalized phosphinite polyethyleneimine grafted magnetic silica nanoparticles as an efficient catalyst for the synthesis of isoquinolino[1,2-b]quinazolin-8-ones. New Journal of Chemistry, 2018, 42, 5499-5507.	1.4	25
86	Novel tetrahydrocarbazole benzyl pyridine hybrids as potent and selective butryl cholinesterase inhibitors with neuroprotective and Î²-secretase inhibition activities. European Journal of Medicinal Chemistry, 2018, 155, 49-60.	2.6	25
87	A new series of Schiff base derivatives bearing 1,2,3â€triazole: Design, synthesis, molecular docking, and Î±â€glucosidase inhibition. Archiv Der Pharmazie, 2019, 352, e1900034.	2.1	25
88	New thiosemicarbazide-1,2,3-triazole hybrids as potent Î±-glucosidase inhibitors: Design, synthesis, and biological evaluation. Journal of Molecular Structure, 2019, 1192, 192-200.	1.8	25
89	A review on Î±-glucosidase inhibitory activity of first row transition metal complexes: a futuristic strategy for treatment of type 2 diabetes. RSC Advances, 2022, 12, 12011-12052.	1.7	25
90	A solvent-free reaction between acetophenone oximes and epoxy styrenes: an efficient synthesis of 2,4,6-triarylpyridines under neutral conditions. Tetrahedron Letters, 2014, 55, 3844-3846.	0.7	24

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91	Vilsmeier Reagent: An Efficient Reagent for the Transformation of 2-Aminobenzamides into Quinazolin-4(3H)-one Derivatives. Synthetic Communications, 2014, 44, 481-487.	1.1	24
92	Isoindolin-1-one derivatives as urease inhibitors: Design, synthesis, biological evaluation, molecular docking and in-silico ADME evaluation. Bioorganic Chemistry, 2019, 87, 1-11.	2.0	24
93	N-Cyclohexylimidazo[1,2-a]pyridine derivatives as multi-target-directed ligands for treatment of Alzheimer's disease. Bioorganic Chemistry, 2020, 103, 104146.	2.0	24
94	Synthesis, in vitro and in silico screening of 2-amino-4-aryl-6-(phenylthio) pyridine-3,5-dicarbonitriles as novel Î±-glucosidase inhibitors. Bioorganic Chemistry, 2020, 100, 103879.	2.0	24
95	Reaction between isocyanides and nitrostyrenes in water: a novel and efficient synthesis of 5-(alkylamino)-4-aryl-3-isoxazolecarboxamides. Tetrahedron Letters, 2009, 50, 7246-7248.	0.7	23
96	Novel Four-Step Synthesis of Thioxo-quinazolino[3,4-a]quinazolinone Derivatives. Synthetic Communications, 2014, 44, 215-221.	1.1	23
97	Nâ€(2â€(Piperazinâ€1â€yl)phenyl)arylamide Derivatives as Î²â€Secretase (BACE1) Inhibitors: Simple Synthesis by Ugi Fourâ€Component Reaction and Biological Evaluation. Archiv Der Pharmazie, 2015, 348, 330-337.	2.1	23
98	Synthesis and Evaluation of Chromanâ€4â€One Linked to Nâ€Benzyl Pyridinium Derivatives as New Acetylcholinesterase Inhibitors. Archiv Der Pharmazie, 2015, 348, 643-649.	2.1	22
99	Copper (II)-supported polyethylenimine-functionalized magnetic graphene oxide as a catalyst for the green synthesis of 2-arylquinazolin-4(3H)-ones. Research on Chemical Intermediates, 2018, 44, 5241-5253.	1.3	22
100	Iodine-catalyzed tandem oxidative coupling reaction: A one-pot strategy for the synthesis of new coumarin-fused pyrroles. Tetrahedron Letters, 2018, 59, 94-98.	0.7	22
101	Synthesis, evaluation, and molecular docking studies of aryl ureaâ€triazoleâ€based derivatives as antiâ€urease agents. Archiv Der Pharmazie, 2018, 351, e1800005.	2.1	22
102	Câ€“N crossâ€coupling reaction catalysed by efficient and reusable CuO/SiO₂ nanoparticles under ligandâ€free conditions. Applied Organometallic Chemistry, 2014, 28, 809-813.	1.7	21
103	Simple and efficient syntheses of novel benzo[4,5]imidazo[1,2-a]pyridine derivatives. Tetrahedron Letters, 2015, 56, 743-746.	0.7	21
104	2-Imino 2H-chromene and 2-(phenylimino) 2H-chromene 3-aryl carboxamide derivatives as novel cytotoxic agents: synthesis, biological assay, and molecular docking study. Journal of the Iranian Chemical Society, 2016, 13, 2163-2171.	1.2	21
105	Synthesis and anticholinesterase activity of new substituted benzo[d]oxazoleâ€based derivatives. Chemical Biology and Drug Design, 2017, 89, 783-789.	1.5	21
106	DABCOâ€modified superâ€paramagnetic nanoparticles as an efficient and waterâ€compatible catalyst for the synthesis of pyrano[3,2â€c:5,6â€c']dichromeneâ€6,8â€dione derivatives under mild reaction conditions. Applied Organometallic Chemistry, 2018, 32, e4561.	1.7	21
107	Novel N,N-dimethylbarbituric-pyridinium derivatives as potent urease inhibitors: Synthesis, in vitro, and in silico studies. Bioorganic Chemistry, 2020, 95, 103529.	2.0	21
108	Design and synthesis of 4,5-diphenyl-imidazol-1,2,3-triazole hybrids as new anti-diabetic agents: in vitro Î±-glucosidase inhibition, kinetic and docking studies. Molecular Diversity, 2021, 25, 877-888.	2.1	21

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109	Design and synthesis of novel nitrothiazolacetamide conjugated to different thioquinazolinone derivatives as anti-urease agents. Scientific Reports, 2022, 12, 2003.	1.6	21
110	Synthesis and cytotoxic activity of novel poly-substituted imidazo[2,1- $$c$$ c][1,2,4]triazin-6-amines. Molecular Diversity, 2015, 19, 273-281.	2.1	20
111	Synthesis and evaluation of novel oxoisoindoline derivatives as acetylcholinesterase inhibitors. Monatshefte FÃ¼r Chemie, 2015, 146, 637-643.	0.9	20
112	Phthalimideâ€Derived Nâ€Benzylpyridinium Halides Targeting Cholinesterases: Synthesis and Bioactivity of New Potential Antiâ€Alzheimer's Disease Agents. Archiv Der Pharmazie, 2016, 349, 293-301.	2.1	20
113	Novel morpholine containing cinnamoyl amides as potent tyrosinase inhibitors. International Journal of Biological Macromolecules, 2019, 135, 978-985.	3.6	20
114	CuBrâ€catalysed oneâ€pot multicomponent synthesis of 3â€substituted 2â€thioxoâ€2,3â€dihydroquinazolinâ€4(1H)â€one derivatives. Applied Organometallic Chemistry, 2019, 33, e4635.	1.7	20
115	Recent Advances in Alkyne Hydroamination as a Powerful Tool for the Construction of Câ^'N Bonds. Asian Journal of Organic Chemistry, 2020, 9, 969-991.	1.3	20
116	1,2,3-Triazole-Isoxazole Based Acetylcholinesterase Inhibitors: Synthesis, Biological Evaluation and Docking Study. Letters in Drug Design and Discovery, 2016, 14, 58-65.	0.4	20
117	Functionalized graphene oxide nanosheets with folic acid and silk fibroin as a novel nanobiocomposite for biomedical applications. Scientific Reports, 2022, 12, 6205.	1.6	20
118	Green Synthesis of New Boron-Containing Quinazolines: Preparation of Benzo[d][1,3,2]diazaborinin-4(1H)-one Derivatives. Synthetic Communications, 2013, 43, 2936-2942.	1.1	19
119	Combined isocyanide-based multi-component Ullmann-type reaction: an efficient access to novel nitrogen-containing pentacyclic compounds. Molecular Diversity, 2015, 19, 797-805.	2.1	19
120	Experimental and computational evidence for KOt-Bu-promoted synthesis of oxopyrazino[1,2-a]indoles. RSC Advances, 2015, 5, 101353-101361.	1.7	19
121	Synthesis of new benzo[f]imidazo[1,2-d][1,4]oxazepines: AgNO3-mediated intramolecular hydroamination. Tetrahedron Letters, 2015, 56, 7082-7084.	0.7	19
122	Synthesis of Novel Tacrine Analogs as Acetylcholinesterase Inhibitors. Journal of Heterocyclic Chemistry, 2017, 54, 384-390.	1.4	19
123	Novel fused 1,2,3-triazolo-benzodiazepine derivatives as potent anticonvulsant agents: design, synthesis, in vivo, and in silico evaluations. Molecular Diversity, 2020, 24, 179-189.	2.1	19
124	Novel (thio)barbituric-phenoxy-N-phenylacetamide derivatives as potent urease inhibitors: synthesis, in vitro urease inhibition, and in silico evaluations. Structural Chemistry, 2021, 32, 37-48.	1.0	19
125	Arylmethylene hydrazine derivatives containing 1,3-dimethylbarbituric moiety as novel urease inhibitors. Scientific Reports, 2021, 11, 10607.	1.6	19
126	Synthesis of Two Novel 3-Amino-5-[4-chloro-2-phenoxyphenyl]-4H-1,2,4-triazoles with Anticonvulsant Activity. Iranian Journal of Pharmaceutical Research, 2010, 9, 265-9.	0.3	19

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127	Synthesis and Biological Investigation of some Novel Sulfonamide and Amide Derivatives Containing Coumarin Moieties. Iranian Journal of Pharmaceutical Research, 2014, 13, 881-92.	0.3	19
128	Novel Tacrineâ€Based Pyrano[3â€™,4â€™:5,6]pyrano[2,3â€b]quinolinones: Synthesis and Cholinesterase Inhibitory Activity. Archiv Der Pharmazie, 2016, 349, 915-924.	2.1	18
129	An efficient four-component reaction for the synthesis of chromeno[4,3-b]quinolone derivatives. Journal of the Iranian Chemical Society, 2017, 14, 771-775.	1.2	18
130	Design, synthesis and biological evaluation of novel phthalimide-Schiff base-coumarin hybrids as potent Î±-glucosidase inhibitors. Chemical Papers, 2020, 74, 4379-4388.	1.0	18
131	Î±-Glucosidase and Î±-amylase inhibition, molecular modeling and pharmacokinetic studies of new quinazolinone-1,2,3-triazole-acetamide derivatives. Medicinal Chemistry Research, 2021, 30, 702-711.	1.1	18
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