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	Synthesis and characterization of cellulose, Î²-cyclodextrin, silk fibroin-based hydrogel containing copper-doped cobalt ferrite nanospheres and exploration of its biocompatibility. Journal of Nanostructure in Chemistry, 2023, 13, 103-113.	5.3	10
2	N-Arylation Reaction of 2-Amino-N-phenylbenzamide with Phenyl Boronic Acid via Chanâ€“Evansâ€“Lam (CEL) Type Reaction Using Cu@Phen@MGO Catalyst. Catalysis Letters, 2023, 153, 805-813.	1.4	4
3	Design, Synthesis, and Biological Evaluation of New Indole-Acrylamide-1,2,3-Triazole Derivatives as Potential Î±-Glucosidase Inhibitors. Polycyclic Aromatic Compounds, 2022, 42, 3157-3165.	1.4	3
4	The possible effect of microRNA-155 (miR-155) and BACE1 inhibitors in the memory of patients with down syndrome and Alzheimer's disease: Design, synthesis, virtual screening, molecular modeling and biological evaluations. Journal of Biomolecular Structure and Dynamics, 2022, 40, 5803-5814.	2.0	6
5	Recent Developments in Arylation of N-Nucleophiles via Chan-Lam Reaction: Updates from 2012 Onwards. Current Organic Synthesis, 2022, 19, 16-30.	0.7	6
6	An Efficient and Convenient Approach for Synthesizing Iodohydrin and Iodoether from Aromatic Alkenes Using Hg(BF₄)₂.SiO₂ and I₂. Polycyclic Aromatic Compounds, 2022, 42, 3975-3983.	1.4	2
7	Catalytic and non-catalytic amidation of carboxylic acid substrates. Molecular Diversity, 2022, 26, 1311-1344.	2.1	13
8	Synthesis and evaluation of novel arylisoxazoles linked to tacrine moiety: in vitro and in vivo biological activities against Alzheimerâ€™s disease. Molecular Diversity, 2022, 26, 409-428.	2.1	12
9	Nickel Supported MCM-Functionalized 1,2,3-Triazol-4-ylmethanamine: An Efficient Nano-particle-Heterogeneous Catalyst Activate for Suzuki Reaction. Catalysis Letters, 2022, 152, 2186-2199.	1.4	1
10	One-pot multi-component synthesis of novel chromeno[4,3-b]pyrrol-3-yl derivatives as alpha-glucosidase inhibitors. Molecular Diversity, 2022, 26, 2393-2405.	2.1	17
11	A review on the latest progress of Câ€“S crossâ€coupling in diaryl sulfide synthesis: Update from 2012 to 2021. Applied Organometallic Chemistry, 2022, 36, e6482.	1.7	13
12	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
13	Aminoimidazo[1,2-a]pyridine Bearing Different Pyrazole Moieties as the Structural Scaffold for the Development of BACE1 Inhibitor; Synthesis, Structural Characterization, In vitro and In silico Studies. Current Organic Synthesis, 2022, 19, .	0.7	0
14	Synthesis and in vitro urease inhibitory activity of 5-nitrofuran-2-yl-thiadiazole linked to different cyclohexyl-2-(phenylamino)acetamides, in silico and kinetic studies. Bioorganic Chemistry, 2022, 120, 105592.	2.0	14
15	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
16	Synthesis, and in vitro biological evaluations of novel naphthoquinone conjugated to aryl triazole acetamide derivatives as potential anti-Alzheimer agents. Journal of Molecular Structure, 2022, 1255, 132229.	1.8	10
17	New 4â€phenylpiperazineâ€carbodithioateâ€Nâ€phenylacetamide hybrids: Synthesis, in vitro and in silico evaluations against cholinesterase and Î±â€glucosidase enzymes. Archiv Der Pharmazie, 2022, 355, e2100313.	2.1	11
18	Design and synthesis of novel nitrothiazolacetamide conjugated to different thioquinazolinone derivatives as anti-urease agents. Scientific Reports, 2022, 12, 2003.	1.6	21

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19	In silico and in vitro studies of thiosemicarbazone-indole hybrid compounds as potent Î±-glycosidase inhibitors. Computational Biology and Chemistry, 2022, 97, 107642.	1.1	7
20	Design, Synthesis, in Vitro , and in Silico Evaluation of N â€Phenylacetamideâ€Oxindoleâ€Thiosemicarbazide Hybrids as New Potential Tyrosinase Inhibitors. Chemistry and Biodiversity, 2022, , .	1.0	1
21	Pd@Py2PZ@MSN as a Novel and Efficient Catalyst for Câ€“C Bond Formation Reactions. Frontiers in Chemistry, 2022, 10, 838294.	1.8	6
22	Novel aryl(4-phenylpiperazin-1-yl)methanethione derivatives as new anti-Alzheimer agents: Design, synthesis, in vitro and in silico assays. Journal of Molecular Structure, 2022, 1262, 132945.	1.8	4
23	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
24	Novel phenylurea-pyridinium derivatives as potent urease inhibitors: Synthesis, in vitro, and in silico studies. Journal of Molecular Structure, 2022, 1263, 133078.	1.8	11
25	In vitro cell-based models of drug-induced hepatotoxicity screening: progress and limitation. Drug Metabolism Reviews, 2022, 54, 161-193.	1.5	5
26	Photochemical regioselective Câ€“H arylation of imidazo[1,2-a]pyridine derivatives using chlorophyll as a biocatalyst and diazonium salts. New Journal of Chemistry, 2022, 46, 10814-10819.	1.4	10
27	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
28	Synthesis, molecular docking, and cytotoxicity of quinazolinone and dihydroquinazolinone derivatives as cytotoxic agents. BMC Chemistry, 2022, 16, 35.	1.6	1
29	A novel, bioactive and antibacterial scaffold based on functionalized graphene oxide with lignin, silk fibroin and ZnO nanoparticles. Scientific Reports, 2022, 12, .	1.6	9
30	Design, synthesis, in vitro Î±-glucosidase inhibition, docking, and molecular dynamics of new phthalimide-benzenesulfonamide hybrids for targeting type 2 diabetes. Scientific Reports, 2022, 12, .	1.6	18
31	Copper Supported Imidazolylpyridine Modified SPION as an Efficient Catalyst for Eco-friendly, One-Pot and Green Synthesis of Novel (3-Cyanothiophen-2-yl)-N-(arylsulfonyl)acetimidamide Derivatives. Current Organic Synthesis, 2022, 19, .	0.7	0
32	New imidazo[1,2-a]pyridin-2-yl derivatives as AChE, BChE and 15-LOX inhibitors; design, synthesis, and biological evaluation. Letters in Drug Design and Discovery, 2022, 19, .	0.4	0
33	Rational Design, Synthesis, in Vitro, and in Silico Studies of Chlorophenylquinazolinâ€4(3H)â€One Containing Different Aryl Acetohydrazides as Tyrosinase Inhibitors. Chemistry and Biodiversity, 2022, 19, .	1.0	8
34	Design, synthesis, and in silico studies of benzimidazole bearing phenoxyacetamide derivatives as Î±-glucosidase and Î±-amylase inhibitors. Journal of Molecular Structure, 2022, 1268, 133650.	1.8	14
35	6â€Methoxyâ€1â€tetralone Derivatives Bearing an Nâ€Arylpyridinium Moiety as Cholinesterase Inhibitors: Design, Synthesis, Biological Evaluation, and Molecular Docking Study. ChemistrySelect, 2022, 7, .	0.7	4
36	Synthesis and Evaluation of 6â€Ethoxyâ€2â€mercaptobenzothiazole Scaffolds as Potential Î± â€Glucosidase Inhibitors. ChemistrySelect, 2022, 7, .	0.7	0

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37	Recent strategies in the synthesis of thiophene derivatives: highlights from the 2012â€“2020 literature. Molecular Diversity, 2021, 25, 2571-2604.	2.1	26
38	Vinylazides: versatile synthons and magical precursors for the construction of N-heterocycles. Molecular Diversity, 2021, 25, 2533-2570.	2.1	2
39	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
40	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
41	Synthesis and biological evaluation of new dihydroindolizino[8,7-b]indole derivatives as novel Î±-glucosidase inhibitors. Journal of Molecular Structure, 2021, 1224, 129290.	1.8	9
42	Electrochemical synthesis of threeâ€dimensional flowerâ€like Ni/Coâ€“BTC bimetallic organic framework as heterogeneous catalyst for solventâ€free and green synthesis of substituted chromeno[4,3â€“b]quinolones. Journal of the Chinese Chemical Society, 2021, 68, 620-629.	0.8	9
43	Novel Nâ€benzylpiperidine derivatives of 5â€arylisoxazoleâ€3â€carboxamides as antiâ€Alzheimer's agents. Archiv Der Pharmazie, 2021, 354, e2000258.	2.1	12
44	Î³-Fe2O3@SiO2(CH2)3-HPBM-Pd as a versatile boosted nanocatalyst for carboncarbon bond f ormation. Materials Today Communications, 2021, 26, 101913.	0.9	3
45	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
46	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
47	Synthesis, in vitro, and in silico studies of newly functionalized quinazolinone analogs for the identification of potent Î±-glucosidase inhibitors. Journal of the Iranian Chemical Society, 2021, 18, 2017-2034.	1.2	5
48	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
49	Novel Coumarin Containing Dithiocarbamate Derivatives as Potent Î±-Glucosidase Inhibitors for Management of Type 2 Diabetes. Medicinal Chemistry, 2021, 17, 264-272.	0.7	7
50	Copper-catalyzed one-pot synthesis of amide linked 1,2,3-triazoles bearing aryloxy skeletons. Tetrahedron Letters, 2021, 65, 152765.	0.7	6
51	Copper Supported onto Magnetic Nanoparticles as an Efficient Catalyst for the Synthesis of Triazolobenzodiazepino[7,1â€“b]quinazolinâ€11(9H)â€ones via Click Nâ€Arylation Reactions. ChemistrySelect, 2021, 6, 1385-1392.	0.7	9
52	Efficient synthesis of novel 2â€(2â€chloroquinolin â€3â€yl)imidazo[1,2â€a]pyridinâ€3â€amine derivatives. Journal of the Chinese Chemical Society, 2021, 68, 1328-1333.	0.8	1
53	Recent Advances in the Synthesis of Heterocycles by the Aza-Wittig Reaction. Synthesis, 2021, 53, 2342-2366.	1.2	13
54	Palladium-coated thiourea core-shell nanocomposite as a new, efficient, and magnetic responsive nanocatalyst for the Suzuki-Miyaura coupling reactions. Materials Research Express, 2021, 8, 026102.	0.8	6

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55	Palladium supported aminobenzamide modified silica coated superparamagnetic iron oxide as an applicable nanocatalyst for Heck cross-coupling reaction. Journal of Organometallic Chemistry, 2021, 936, 121711.	0.8	11
56	Synthesis of novel tetracyclic coumarin-fused furo-pyridone scaffolds via sequential N-arylation and intramolecular amidation reactions. Tetrahedron Letters, 2021, 68, 152904.	0.7	6
57	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
58	Design, synthesis, and evaluation of metronidazole-1,2,3-triazole derivatives as potent urease inhibitors. Chemical Papers, 2021, 75, 4217-4226.	1.0	12
59	Quinazolinone-dihydropyrano[3,2-b]pyran hybrids as new Î±-glucosidase inhibitors: Design, synthesis, enzymatic inhibition, docking study and prediction of pharmacokinetic. Bioorganic Chemistry, 2021, 109, 104703.	2.0	12
60	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
61	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
62	Synthesis, in vitro and in silico enzymatic inhibition assays, and toxicity evaluations of new 4,5-diphenylimidazole-N-phenylacetamide derivatives as potent Î±-glucosidase inhibitors. Medicinal Chemistry Research, 2021, 30, 1273-1283.	1.1	6
63	Design, Synthesis, and Molecular Docking of Some Novel Tacrine Based Cyclopentapyranopyridineâ€and Tetrahydropyranoquinolineâ€Kojic Acid Derivatives as Antiâ€Acetylcholinesterase Agents. Chemistry and Biodiversity, 2021, 18, e2000924.	1.0	14
64	New quinoxalinâ€1,3,4â€oxadiazole derivatives: Synthesis, characterization, in vitro biological evaluations, and molecular modeling studies. Archiv Der Pharmazie, 2021, 354, e2000471.	2.1	12
65	N-sulfonyl ketenimine as a versatile intermediate for the synthesis of heteroatom containing compounds. Journal of Organometallic Chemistry, 2021, 939, 121773.	0.8	15
66	Arylmethylene hydrazine derivatives containing 1,3-dimethylbarbituric moiety as novel urease inhibitors. Scientific Reports, 2021, 11, 10607.	1.6	19
67	Sulfonic Acid Functionalized Magnetic Starch as an Efficient Catalyst for the Synthesis of Chromeno[4,3â€b]quinolineâ€6,8(9H)â€dione Derivatives. Starch/Staerke, 2021, 73, 2000257.	1.1	5
68	New 4,5-diphenylimidazole-acetamide-1,2,3-triazole hybrids as potent Î±-glucosidase inhibitors: synthesis, in vitro and in silico enzymatic and toxicity evaluations. Monatshefte FÃ¼r Chemie, 2021, 152, 679-693.	0.9	8
69	Design and synthesis of a novel nanocomposite based on magnetic dopamine nanoparticles for purification of Î±-amylase from the bovine milk. Scientific Reports, 2021, 11, 13428.	1.6	9
70	Triflic Anhydride (Tf₂O): An Efficient Catalyst for Electrophilic Activation of Amides. ChemistrySelect, 2021, 6, 5320-5328.	0.7	14
71	Recent Opportunities and Challenges in Selective C-H Functionalization of Methyl Azaarenes: a Highlight from 2010 to 2020 Literatures. Current Organic Synthesis, 2021, 18, 761-789.	0.7	0
72	Design and Synthesis of Novel 5-Arylisoxazole-1,3,4-thiadiazole Hybrids as Î±-Glucosidase Inhibitors. Letters in Drug Design and Discovery, 2021, 18, 436-444.	0.4	3

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73	Efficient synthesis of chromeno[4,3-b]pyrano[3,4-e]pyridine-6,8-dione derivatives via multicomponent one-pot reactionÂunder mild reaction conditions in water. Research on Chemical Intermediates, 2021, 47, 4101-4112.	1.3	5
74	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
75	Magnetic Copper Ferrite Nanoparticles Functionalized by Aromatic Polyamide Chains for Hyperthermia Applications. Langmuir, 2021, 37, 8847-8854.	1.6	38
76	Design, synthesis, and Î±â€glucosidaseâ€inhibitory activity of phenoxyâ€biscoumarinâ€“Nâ€phenylacetamide hybrids. Archiv Der Pharmazie, 2021, 354, e2100179.	2.1	10
77	Bi Metalâ€“Organic Framework (Ce/Niâ€“BTC) as Heterogeneous Catalyst for the Green Synthesis of Substituted Chromeno[4, 3â€“b]quinolone under Solvent Free Condition. Current Organic Synthesis, 2021, 18, 475-482.	0.7	5
78	Stage-Specific Oligonucleotide Primers for the Diagnosis of Toxoplasmosis Among Iranian Pediatric Heart Transplant Recipients; Evaluation of Cotrimoxazole as a Preventive Therapy. Archives of Pediatric Infectious Diseases, 2021, 9, .	0.1	1
79	C1â€Functionalization of 1,2,3,4â€Tetrahydroisoquinolines (THIQs). Asian Journal of Organic Chemistry, 2021, 10, 2421-2439.	1.3	8
80	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
81	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
82	Design and synthesis of phenoxymethybenzoimidazole incorporating different aryl thiazole-triazole acetamide derivatives as Î±-glycosidase inhibitors. Molecular Diversity, 2021, , 1.	2.1	12
83	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
84	Synthesis, in vitro, and in silico evaluation of Indazole Schiff bases as potential Î±-glucosidase inhibitors. Journal of Molecular Structure, 2021, 1242, 130826.	1.8	15
85	Novel magnetic organicâ€“inorganic hybrids based on aromatic polyamides and ZnFe2O4 nanoparticles with biological activity. Scientific Reports, 2021, 11, 20310.	1.6	16
86	Design, synthesis, biological evaluation, and molecular modeling studies of pyrazole-benzofuran hybrids as new Î±-glucosidase inhibitor. Scientific Reports, 2021, 11, 20776.	1.6	15
87	Synthesis and biological evaluation of a new series of benzofuranâ€1,3,4â€oxadiazole containing 1,2,3â€triazoleâ€acetamides as potential Î±â€glucosidase inhibitors. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22688.	1.4	6
88	Characteristics of published/registered clinical trials on COVID-19 treatment: A systematic review. DARU, Journal of Pharmaceutical Sciences, 2021, 29, 449-467.	0.9	7
89	Sodium Azide: An Inorganic Nitrogen Source for the Synthesis of Organic Nâ€Compounds. ChemistrySelect, 2021, 6, 13419-13433.	0.7	6
90	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

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91	Multicomponent reaction of amine, carbon disulfide, and fluoronitrobenzene via nucleophilic attack on the fluorinated carbon for the synthesis of nitrophenyl methylcarbamodithioates. Journal of the Chinese Chemical Society, 2020, 67, 160-164.	0.8	8
92	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
93	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
94	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
95	Synthesis and Anticancer Activity of N-(di/trimethoxyaryl)-5-arylisoxazole-3-carboxamide. Polycyclic Aromatic Compounds, 2020, 40, 1568-1580.	1.4	2
96	Synthesis and pharmacological properties of polysubstituted 2-amino-4H-pyran-3-carbonitrile derivatives. Molecular Diversity, 2020, 24, 1385-1431.	2.1	34
97	Synthesis of highly functionalized organic compounds through Ugi post-transformations started from propiolic acids. Molecular Diversity, 2020, 24, 855-887.	2.1	12
98	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
99	Dimethyl Sulfoxide: Yesterday's Solvent, Today's Reagent. Advanced Synthesis and Catalysis, 2020, 362, 65-86.	2.1	112
100	4-Oxobenzo[d]1,2,3-triazin-pyridinium-phenylacetamide derivatives as new anti-Alzheimer agents: design, synthesis, in vitro evaluation, molecular modeling, and molecular dynamic study. Structural Chemistry, 2020, 31, 999-1012.	1.0	6
101	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
102	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
103	Synthesis of Arylidene â€“ Isoquinolinones bearing Combretastatin Skeleton by Cyclocarbopalladation/cross coupling Tandem Heckâ€Suzuki Miaura Reactions using nano catalyst Pd@Pyâ€Lâ€SPION. Applied Organometallic Chemistry, 2020, 34, e5279.	1.7	5
104	Amineâ€carbon disulfide promoted synthesis of novel benzo[e][1,3]thiazepinâ€5(1 H)â€one derivatives. Journal of Heterocyclic Chemistry, 2020, 57, 413-418.	1.4	2
105	Benzoylquinazolinone derivatives as new potential antidiabetic agents: Î±â€Glucosidase inhibition, kinetic, and docking studies. Journal of the Chinese Chemical Society, 2020, 67, 856-863.	0.8	8
106	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
107	Novel quinazolinâ€“sulfonamid derivatives: synthesis, characterization, biological evaluation, and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2020, , 1-12.	2.0	9
108	New acridine-9-carboxamide linked to 1,2,3-triazole-N-phenylacetamide derivatives as potent Î±-glucosidase inhibitors: design, synthesis, in vitro, and in silico biological evaluations. Medicinal Chemistry Research, 2020, 29, 1836-1845.	1.1	10

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109	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
110	Design, synthesis, biological evaluation, and docking study of new acridineâ€9â€carboxamide linked to 1,2,3â€triazole derivatives as antidiabetic agents targeting Î±â€glucosidase. Journal of Heterocyclic Chemistry, 2020, 57, 4348-4357.	1.4	5
111	Design, synthesis and antibacterial activity evaluation of novel 2â€(4â€((1â€arylâ€1 H) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 6 Chemistry, 2020, 57, 4254-4261.	1.4	3
112	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
113	Magnetic silica nanoparticle-supported copper complex as an efficient catalyst for the synthesis of novel triazolopyrazinylacetamides with improved antibacterial activity. Chemistry of Heterocyclic Compounds, 2020, 56, 488-494.	0.6	14
114	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
115	Efficient oneâ€pot synthesis of novel 6â€²,9â€²â€•dihydroâ€2 H ,7â€² H â€spiro[pyrimidineâ€5,8â€²â€[1,3]dioxolo[4,5â€•f]quinoline]â€2,4,6(1 H , 3 H)â€trione derivatives under mild and â€œgreenâ€•reaction conditions. Journal of Heterocyclic Chemistry, 2020, 57, 3161-3166.	1.4	0
116	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
117	Design and synthesis of 2,4â€dioxochromanâ€pyridiniumâ€phenylacetamide derivatives as new antiâ€Alzheimer agents: in vitro and in silico studies. Journal of the Chinese Chemical Society, 2020, 67, 1910-1928.	0.8	0
118	New phthalimide-benzamide-1,2,3-triazole hybrids; design, synthesis, Î±-glucosidase inhibition assay, and docking study. Medicinal Chemistry Research, 2020, 29, 868-876.	1.1	12
119	Design and Synthesis of Novel ArylisoxazoleâChromenone Carboxamides: Investigation of Biological Activities Associated with Alzheimer's Disease. Chemistry and Biodiversity, 2020, 17, e1900746.	1.0	26
120	Regioâ€•and Diastereoselective KMnO₄/RCO₂H Mediated Acyloxyarylation of Chalcones â€“ An Indirect Î±â€Arylation of Chalcones. European Journal of Organic Chemistry, 2020, 2020, 2045-2051.	1.2	4
121	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
122	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
123	Thieno[2,3â€•b]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
124	Efficient One Pot Synthesis of Phenylimidazo[1,2â€•a]pyridine Derivatives using Multifunctional Copper Catalyst Supported on Î²â€Cyclodextrin Functionalized Magnetic Graphene oxide. Applied Organometallic Chemistry, 2020, 34, e5913.	1.7	13
125	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
126	C3â€Functionalization of Imidazo[1,2â€a]pyridines. European Journal of Organic Chemistry, 2020, 2020, 269-284.	1.2	90

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127	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
128	Copperâ€Mediated Direct Cyanatation of Benzamides: A New Approach to the Synthesis of Quinazolinediones. European Journal of Organic Chemistry, 2020, 2020, 708-713.	1.2	3
129	Comparison of serologic status of Toxoplasma gondii infection in preâ€•and postâ€heart transplantation in a pediatric population: A preliminary study. Transplant Infectious Disease, 2020, 22, e13339.	0.7	4
130	2,4-Dioxochroman Moiety Linked to 1,2,3-triazole Derivatives as Novel Î±-glucosidase Inhibitors: Synthesis, In vitro Biological Evaluation, and Docking Study. Current Organic Chemistry, 2020, 24, 2019-2027.	0.9	1
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