List of Publications by Year in descending order

319 papers	6,696 citations	93792 39 h-index	169272 56 g-index
368 all docs	368 docs citations	368 times ranked	5592 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	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
3	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
4	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
5	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
6	Synthesis and characterization of 1-amidino-O-alkylureas metal complexes as Î±- glucosidase Inhibitors: Structure-activity relationship, molecular docking, and kinetic studies. Journal of Molecular Structure, 2022, 1250, 131726.	1.8	17
7	Design, synthesis, biological evaluation, and molecular docking study of thioxo-2,3-dihydroquinazolinone derivative as tyrosinase inhibitors. Journal of Molecular Structure, 2022, 1253, 132283.	1.8	11
8	Green synthesized silver nanoparticles obtained from Stachys schtschegleevii extract: ct-DNA interaction and in silico and inÂvitro investigation of antimicrobial activity. Journal of Biomolecular Structure and Dynamics, 2022, , 1-14.	2.0	0
9	Magnetic graphene oxideâ€“lignin nanobiocomposite: a novel, eco-friendly and stable nanostructure suitable for hyperthermia in cancer therapy. RSC Advances, 2022, 12, 3593-3601.	1.7	21
10	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
11	Synthesis, molecular dynamic, and in silico study of new ethyl 4-arylpyrimido[1,2-b]indazole-2-carboxylate: Potential inhibitors of Î±-glucosidase. Journal of Molecular Structure, 2022, 1257, 132507.	1.8	4
12	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
13	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
14	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
15	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
16	Design and synthesis of novel nitrothiazolacetamide conjugated to different thioquinazolinone derivatives as anti-urease agents. Scientific Reports, 2022, 12, 2003.	1.6	21
17	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
18	Can polyoxometalates (POMs) prevent of coronavirus 2019-nCoV cell entry? Interaction of POMs with TMPRSS2 and spike receptor domain complexed with ACE2 (ACE2-RBD): Virtual screening approaches. Informatics in Medicine Unlocked, 2022, 29, 100902.	1.9	8

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19	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
20	Pd@Py2PZ@MSN as a Novel and Efficient Catalyst for Câ€“C Bond Formation Reactions. Frontiers in Chemistry, 2022, 10, 838294.	1.8	6
21	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
22	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
23	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
24	In vitro cell-based models of drug-induced hepatotoxicity screening: progress and limitation. Drug Metabolism Reviews, 2022, 54, 161-193.	1.5	5
25	Modern metal-catalyzed and organocatalytic methods for synthesis of coumarin derivatives: a review. Organic and Biomolecular Chemistry, 2022, 20, 4846-4883.	1.5	6
26	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
27	Evaluating the effects of disubstituted 3-hydroxy-1H-pyrrol-2(5H)-one analog as novel tyrosinase inhibitors. Bioorganic Chemistry, 2022, 126, 105876.	2.0	13
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	Magnetic carboxymethyl cellulose/silk fibroin hydrogel embedded with halloysite nanotubes as a biocompatible nanobiocomposite with hyperthermia application. Materials Chemistry and Physics, 2022, 287, 126347.	2.0	19
31	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
32	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
33	Biocompatibility and Antimicrobial Investigation of Agar-Tannic Acid Hydrogel Reinforced with Silk Fibroin and Zinc Manganese Oxide Magnetic Microparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 4057-4069.	1.9	9
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 advances on biomedical applications of pectin-containing biomaterials. International Journal of Biological Macromolecules, 2022, 217, 1-18.	3.6	28
38	Vinylazides: versatile synthons and magical precursors for the construction of N-heterocycles. Molecular Diversity, 2021, 25, 2533-2570.	2.1	2
39	Multispectroscopic analysis, atomic force microscopy, molecular docking and molecular dynamic simulation studies of the interaction between [SnMe₂Cl₂(Me₂phen)] complex and ct-DNA in the presence of glucose. Journal of Biomolecular Structure and Dynamics, 2021, 39, 5068-5082.	2.0	4
40	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
41	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
42	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
43	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
44	Novel Nâ€benzylpiperidine derivatives of 5â€arylisoxazoleâ€3â€carboxamides as antiâ€Alzheimer's agents. Archiv Der Pharmazie, 2021, 354, e2000258.	2.1	12
45	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
46	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
47	Synthesis of the new tri-amide derivatives as novel Î±-glucosidase inhibitors by Ugi four-component reaction. Journal of Molecular Structure, 2021, 1227, 129531.	1.8	5
48	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
49	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
50	Investigation of the biological activity, mechanical properties and wound healing application of a novel scaffold based on ligninâ€“agarose hydrogel and silk fibroin embedded zinc chromite nanoparticles. RSC Advances, 2021, 11, 17914-17923.	1.7	68
51	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
52	Inhibitory activity of FDA-approved drugs cetilistat, abiraterone, diiodohydroxyquinoline, bexarotene, remdesivir, and hydroxychloroquine on COVID-19 main protease and human ACE2 receptor: A comparative in silico approach. Informatics in Medicine Unlocked, 2021, 26, 100745.	1.9	11
53	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
54	Copper-catalyzed one-pot synthesis of amide linked 1,2,3-triazoles bearing aryloxy skeletons. Tetrahedron Letters, 2021, 65, 152765.	0.7	6

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55	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
56	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
57	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
58	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
59	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
60	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
61	Design, synthesis, and evaluation of metronidazole-1,2,3-triazole derivatives as potent urease inhibitors. Chemical Papers, 2021, 75, 4217-4226.	1.0	12
62	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
63	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
64	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
65	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
66	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
67	N-sulfonyl ketenimine as a versatile intermediate for the synthesis of heteroatom containing compounds. Journal of Organometallic Chemistry, 2021, 939, 121773.	0.8	15
68	Arylmethylene hydrazine derivatives containing 1,3-dimethylbarbituric moiety as novel urease inhibitors. Scientific Reports, 2021, 11, 10607.	1.6	19
69	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
70	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
71	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
72	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

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73	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
74	Magnetic Copper Ferrite Nanoparticles Functionalized by Aromatic Polyamide Chains for Hyperthermia Applications. Langmuir, 2021, 37, 8847-8854.	1.6	38
75	Design, synthesis, and Î±â€glucosidaseâ€inhibitory activity of phenoxyâ€biscoumarinâ€“Nâ€phenylacetamide hybrids. Archiv Der Pharmazie, 2021, 354, e2100179.	2.1	10
76	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
77	Functionalized magnetic nanoparticles for the separation and purification of proteins and peptides. TrAC - Trends in Analytical Chemistry, 2021, 141, 116291.	5.8	70
78	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
79	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
80	Design and synthesis of phenoxymethybenzoimidazole incorporating different aryl thiazole-triazole acetamide derivatives as Î±-glycosidase inhibitors. Molecular Diversity, 2021, , 1.	2.1	12
81	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
82	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
83	Design, synthesis, in vitro and in silico biological assays of new quinazolinone-2-thio-metronidazole derivatives. Journal of Molecular Structure, 2021, 1244, 130889.	1.8	9
84	Novel magnetic organicâ€“inorganic hybrids based on aromatic polyamides and ZnFe2O4 nanoparticles with biological activity. Scientific Reports, 2021, 11, 20310.	1.6	16
85	Synthesis of Chromene-Fused Heterocycles by the Intramolecularâ€“Dielsâ€“Alder Reaction: An Overview. Tetrahedron, 2021, 102, 132524.	1.0	12
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	Sodium Azide: An Inorganic Nitrogen Source for the Synthesis of Organic Nâ€Compounds. ChemistrySelect, 2021, 6, 13419-13433.	0.7	6
89	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
90	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

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91	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
92	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
93	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
94	Synthesis and Anticancer Activity of N-(di/trimethoxyaryl)-5-arylisoxazole-3-carboxamide. Polycyclic Aromatic Compounds, 2020, 40, 1568-1580.	1.4	2
95	Synthesis and pharmacological properties of polysubstituted 2-amino-4H-pyran-3-carbonitrile derivatives. Molecular Diversity, 2020, 24, 1385-1431.	2.1	34
96	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
97	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
98	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
99	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
100	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
101	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
102	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
103	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
104	Novel quinazolinâ€“sulfonamid derivatives: synthesis, characterization, biological evaluation, and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2020, , 1-12.	2.0	9
105	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
106	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
107	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
108	Design, synthesis and antibacterial activity evaluation of novel 2â€(4â€(1â€arylâ€1 H) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (â€ Chemistry, 2020, 57, 4254-4261.	1.4	3

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109	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
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	Advanced Interface Engineering of CH₃NH₃PbI₃ Perovskite Solar Cells: The Unique Role of Layered Double Hydroxide Precursor. ACS Applied Energy Materials, 2020, 3, 1476-1483.	2.5	5
123	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
124	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
125	Synthesis and In Vitro Biological Activity Evaluation of Novel Imidazo [2,1-B][1,3,4] Thiadiazole as Anti-Alzheimer Agents. Letters in Drug Design and Discovery, 2020, 17, 610-617.	0.4	4
126	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

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127	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
128	Catalyst-free three-component synthesis of 2-amino-4,6-diarylpyridine-3-carbonitriles under solvent-free conditions. Chemistry of Heterocyclic Compounds, 2019, 55, 725-728.	0.6	4
129	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
130	Preparation of some novel imidazopyridine derivatives of indole as anticancer agents: one-pot multicomponent synthesis, biological evaluation and docking studies. Research on Chemical Intermediates, 2019, 45, 5261-5290.	1.3	5
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