Mohammad Mahdavi

List of Publications by Citations

316 papers	4,248 citations	32 h-index	47 g-index
381 ext. papers	5,509 ext. citations	2.9 avg, IF	5.92 L-index

#	Paper	IF	Citations
316	A review on tacrine-based scaffolds as multi-target drugs (MTDLs) for Alzheimer's disease. *European Journal of Medicinal Chemistry*, **2017**, 128, 332-345	6.8	104
315	Catalyst-free three-component reaction between 2-aminopyridines (or 2-aminothiazoles), aldehydes, and isocyanides in water. *Tetrahedron Letters*, **2007**, 48, 7263-7265	2	95
314	Synthesis, in vitro 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, 562-9	6.8	75
313	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	6.8	74
312	Design and synthesis of novel quinazolinone-1,2,3-triazole hybrids as new anti-diabetic agents: In vitro □-glucosidase inhibition, kinetic, and docking study. *Bioorganic Chemistry*, **2019**, 83, 161-169	5.1	74
311	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	2	68
310	Transition-Metal-Catalyzed Acyloxylation: Activation of C(sp2)□H and C(sp3)□H Bonds. *European Journal of Organic Chemistry*, **2016**, 2016, 3282-3299	3.2	66
309	Novel tacrine-1,2,3-triazole hybrids: In´vitro, in´vivo biological evaluation and docking study of cholinesterase inhibitors. *European Journal of Medicinal Chemistry*, **2017**, 125, 1200-1212	6.8	64
308	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, 124-8	6.8	58
307	C3-Functionalization of Imidazo[1,2-a]pyridines. *European Journal of Organic Chemistry*, **2020**, 2020, 269-284	3.2	56
306	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	6.8	55
305	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. *Bioorganic Chemistry*, **2019**, 83, 303-316	5.1	55
304	Synthesis and anticancer activity of N-substituted 2-arylquinazolinones bearing trans-stilbene scaffold. *European Journal of Medicinal Chemistry*, **2015**, 95, 492-9	6.8	54
303	Dimethyl Sulfoxide: Yesterday's Solvent, Today's Reagent. *Advanced Synthesis and Catalysis*, **2020**, 362, 65-86	5.6	53
302	New 6-amino-pyrido[2,3-d]pyrimidine-2,4-diones as novel agents to treat type 2 diabetes: A simple and efficient synthesis, □-glucosidase inhibition, molecular modeling and kinetic study. *European Journal of Medicinal Chemistry*, **2018**, 155, 353-363	6.8	53
301	Synthesis of novel fused 4,5-dihydro-1,2,3-triazolo[1,5-a][1,4]benzodiazepine derivatives via four-component Ugi□miles-type reaction. *Tetrahedron*, **2013**, 69, 3506-3510	2.4	50
300	Design, Synthesis, Biological Evaluation, and Docking Study of Acetylcholinesterase Inhibitors: New Acridone-1,2,4-oxadiazole-1,2,3-triazole Hybrids. *Chemical Biology and Drug Design*, **2015**, 86, 1425-32	2.9	50

299	Large-scale virtual screening for the identification of new Helicobacter pylori urease inhibitor scaffolds. *Journal of Molecular Modeling*, **2012**, 18, 2917-27	2	50
298	Design, synthesis and anti-Alzheimer's activity of novel 1,2,3-triazole-chromenone carboxamide derivatives. *Bioorganic Chemistry*, **2019**, 83, 391-401	5.1	50
297	Benzofuran-derived benzylpyridinium bromides as potent acetylcholinesterase inhibitors. *European Journal of Medicinal Chemistry*, **2015**, 93, 196-201	6.8	49
296	Design, synthesis and in vitro □glucosidase inhibition of novel dihydropyrano[3,2-c]quinoline derivatives as potential anti-diabetic agents. *Bioorganic Chemistry*, **2018**, 77, 280-286	5.1	48
295	Design and synthesis of novel anti-Alzheimer's agents: Acridine-chromenone and quinoline-chromenone hybrids. *Bioorganic Chemistry*, **2016**, 67, 84-94	5.1	47
294	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	6.8	46
293	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, 308-13	6.8	43
292	Synthesis of novel chromenones linked to 1,2,3-triazole ring system: Investigation of biological activities against Alzheimer's disease. *Bioorganic Chemistry*, **2017**, 70, 86-93	5.1	42
291	Design, synthesis, docking study, □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	5.1	41
290	Synthesis and structure-activity relationship study of benzofuran-based chalconoids bearing benzylpyridinium moiety as potent acetylcholinesterase inhibitors. *European Journal of Medicinal Chemistry*, **2015**, 103, 361-9	6.8	40
289	Biscoumarin-1,2,3-triazole hybrids as novel anti-diabetic agents: Design, synthesis, in vitro □glucosidase inhibition, kinetic, and docking studies. *Bioorganic Chemistry*, **2019**, 92, 103206	5.1	40
288	Palladium catalyst supported on N-aminoguanidine functionalized magnetic graphene oxide as a robust water-tolerant and versatile nanocatalyst. *RSC Advances*, **2014**, 4, 48613-48620	3.7	37
287	Design, synthesis, in vitro cytotoxic activity evaluation, and apoptosis-induction study of new 9(10H)-acridinone-1,2,3-triazoles. *Molecular Diversity*, **2015**, 19, 787-95	3.1	36
286	Design and synthesis of novel coumarin-pyridinium hybrids: In vitro cholinesterase inhibitory activity. *Bioorganic Chemistry*, **2018**, 77, 311-319	5.1	33
285	Design, synthesis, molecular modeling and anticholinesterase activity of benzylidene-benzofuran-3-ones containing cyclic amine side chain. *Future Medicinal Chemistry*, **2017**, 9, 659-671	4.1	32
284	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	6.8	32
283	Synthesis of Novel 1,4-Benzodiazepine-3,5-dione Derivatives: Reaction of 2-Aminobenzamides under Bargellini Reaction Conditions. *Synlett*, **2012**, 23, 2521-2525	2.2	32
282	A Novel, One-Pot, Three-Component Synthesis of 1,2,4-Oxadiazoles under Microwave Irradiation and Solvent-Free Conditions. *Synlett*, **2006**, 2006, 1765-1767	2.2	32

281	Design, synthesis and in vitro □-glucosidase inhibition of novel coumarin-pyridines as potent antidiabetic agents. *New Journal of Chemistry*, **2018**, 42, 17268-17278	3.6	31
280	Efficient multi-component synthesis of 1,4-benzodiazepine-3,5-diones: a Petasis-based approach. *Tetrahedron*, **2015**, 71, 6272-6275	2.4	30
279	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	6.8	29
278	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	2	29
277	Synthesis of New Benzimidazole-1,2,3-triazole Hybrids as Tyrosinase Inhibitors. *Chemistry and Biodiversity*, **2018**, 15, e1800120	2.5	29
276	Synthesis, characterization, molecular docking, and biological activities of coumarin-1,2,3-triazole-acetamide hybrid derivatives. *Archiv Der Pharmazie*, **2020**, 353, e2000109	4.3	27
275	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	3.4	26
274	Imidazo[2,1-b]thiazole derivatives as new inhibitors of 15-lipoxygenase. *European Journal of Medicinal Chemistry*, **2014**, 87, 759-64	6.8	26
273	Reaction of Isatoic Anhydride, Amine, and N,N?-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	1.7	26
272	One-Pot, Four-Component Synthesis of Novel Imidazo[2,1-b]thiazol-5-amine Derivatives. *Synthesis*, **2012**, 44, 3649-3654	2.9	26
271	Copper supported □-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	3.7	25
270	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	3.4	25
269	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	2	25
268	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	3.1	25
267	Synthesis and biological evaluation of new benzimidazole-1,2,3-triazole hybrids as potential □-glucosidase inhibitors. *Bioorganic Chemistry*, **2020**, 95, 103482	5.1	25
266	Synthesis of Novel 1,2,3-Triazole-dihydro[3,2-c]chromenones as Acetylcholinesterase Inhibitors. *Synthetic Communications*, **2015**, 45, 2311-2318	1.7	24
265	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	2.2	23
264	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	2.8	23

263	Synthesis and Evaluation of Coumarin–Resveratrol Hybrids as 15-Lipoxygenaze Inhibitors. *Synthetic Communications*, **2015**, 45, 741-749	1.7	22
262	Novel Four-Step Synthesis of Thioxo-quinazolino[3,4-a]quinazolinone Derivatives. *Synthetic Communications*, **2014**, 44, 215-221	1.7	22
261	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 Für Chemie*, **2009**, 140, 1489-1494	1.4	22
260	Design and synthesis of new fused carbazole-imidazole derivatives as anti-diabetic agents: In vitro α-glucosidase inhibition, kinetic, and in silico studies. *Bioorganic and Medicinal Chemistry Letters*, **2019**, 29, 713-718	2.9	22
259	Novel quinazolin-4(3H)-one linked to 1,2,3-triazoles: Synthesis and anticancer activity. *Chemical Biology and Drug Design*, **2018**, 92, 1373-1381	2.9	21
258	Vilsmeier Reagent: An Efficient Reagent for the Transformation of 2-Aminobenzamides into Quinazolin-4(3H)-one Derivatives. *Synthetic Communications*, **2014**, 44, 481-487	1.7	21
257	Copper-catalyzed four-component synthesis of imidazo[1,2-a]pyridines via sequential reductive amination, condensation, and cyclization. *Tetrahedron Letters*, **2017**, 58, 121-124	2	21
256	Copper-supported β-cyclodextrin-functionalized magnetic nanoparticles: Efficient multifunctional catalyst for one-pot "green" synthesis of 1,2,3-triazolylquinazolinone derivatives. *Applied Organometallic Chemistry*, **2018**, 32, e4212	3.1	20
255	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	2	20
254	Design, synthesis, characterization, enzymatic inhibition evaluations, and docking study of novel quinazolinone derivatives. *International Journal of Biological Macromolecules*, **2021**, 170, 1-12	7.9	20
253	Anti-cancer, anti-oxidant and molecular docking studies of thiosemicarbazone indole-based derivatives. *Research on Chemical Intermediates*, **2019**, 45, 2827-2854	2.8	19
252	N-(2-(Piperazin-1-yl)phenyl)arylamide Derivatives as β-Secretase (BACE1) Inhibitors: Simple Synthesis by Ugi Four-Component Reaction and Biological Evaluation. *Archiv Der Pharmazie*, **2015**, 348, 330-7	4.3	19
251	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	3.6	19
250	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	2	19
249	Synthesis and characterization of γ-Fe2O3@SiO2[(CH2)3-PDTC-Pd magnetic nanoparticles: a new and highly active catalyst for the Heck/Sonogashira coupling reactions. *New Journal of Chemistry*, **2019**, 43, 8930-8938	3.6	18
248	Combined isocyanide-based multi-component Ullmann-type reaction: an efficient access to novel nitrogen-containing pentacyclic compounds. *Molecular Diversity*, **2015**, 19, 797-805	3.1	18
247	Synthesis and Evaluation of Chroman-4-One Linked to N-Benzyl Pyridinium Derivatives as New Acetylcholinesterase Inhibitors. *Archiv Der Pharmazie*, **2015**, 348, 643-9	4.3	18
246	C–N cross-coupling reaction catalysed by efficient and reusable CuO/SiO2 nanoparticles under ligand-free conditions. *Applied Organometallic Chemistry*, **2014**, 28, 809-813	3.1	18

245	1,2,3-Triazole-Isoxazole Based Acetylcholinesterase Inhibitors: Synthesis, Biological Evaluation and Docking Study. *Letters in Drug Design and Discovery*, **2016**, 14, 58-65	0.8	18
244	Design, synthesis, biological evaluation, and docking study of novel dual-acting thiazole-pyridiniums inhibiting acetylcholinesterase and -amyloid aggregation for Alzheimer's disease. *Bioorganic Chemistry*, **2020**, 103, 104186	5.1	18
243	Novel tetrahydrocarbazole benzyl pyridine hybrids as potent and selective butryl cholinesterase inhibitors with neuroprotective and -secretase inhibition activities. *European Journal of Medicinal Chemistry*, **2018**, 155, 49-60	6.8	18
242	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	9.5	18
241	New thiosemicarbazide-1,2,3-triazole hybrids as potent -glucosidase inhibitors: Design, synthesis, and biological evaluation. *Journal of Molecular Structure*, **2019**, 1192, 192-200	3.4	17
240	Simple and efficient syntheses of novel benzo[4,5]imidazo[1,2-a]pyridine derivatives. *Tetrahedron Letters*, **2015**, 56, 743-746	2	17
239	Synthesis and evaluation of novel oxoisoindoline derivatives as acetylcholinesterase inhibitors. *Monatshefte F Chemie*, **2015**, 146, 637-643	1.4	17
238	Design, synthesis, in vitro, and in silico studies of novel diarylimidazole-1,2,3-triazole hybrids as potent -glucosidase inhibitors. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 115148	3.4	17
237	Synthesis and anticholinesterase activity of new substituted benzo[d]oxazole-based derivatives. *Chemical Biology and Drug Design*, **2017**, 89, 783-789	2.9	17
236	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	1.7	17
235	Ullmann-Goldberg and Buchwald-Hartwig CN Cross Couplings: Synthetic Methods to Pharmaceutically Potential N-Heterocycles. *Asian Journal of Organic Chemistry*, **2021**, 10, 1319-1344	3	17
234	Phthalimide-Derived N-Benzylpyridinium Halides Targeting Cholinesterases: Synthesis and Bioactivity of New Potential Anti-Alzheimer's Disease Agents. *Archiv Der Pharmazie*, **2016**, 349, 293-301	4.3	17
233	Design and Synthesis of Selective Acetylcholinesterase Inhibitors: Arylisoxazole-Phenylpiperazine Derivatives. *Chemistry and Biodiversity*, **2019**, 16, e1800433	2.5	17
232	Experimental and computational evidence for KOt-Bu-promoted synthesis of oxopyrazino[1,2-a]indoles. *RSC Advances*, **2015**, 5, 101353-101361	3.7	16
231	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	2	16
230	Novel Tacrine-Based Pyrano[3',4':5,6]pyrano[2,3-b]quinolinones: Synthesis and Cholinesterase Inhibitory Activity. *Archiv Der Pharmazie*, **2016**, 349, 915-924	4.3	16
229	Synthesis and cytotoxic activity of novel poly-substituted imidazo[2,1-c][1,2,4]triazin-6-amines. *Molecular Diversity*, **2015**, 19, 273-81	3.1	16
228	Synthesis and Biological Investigation of some Novel Sulfonamide and Amide Derivatives Containing Coumarin Moieties. *Iranian Journal of Pharmaceutical Research*, **2014**, 13, 881-92	1.1	16

227	New Biscoumarin Derivatives as Potent □Glucosidase Inhibitors: Synthesis, Biological Evaluation, Kinetic Analysis, and Docking Study. *Polycyclic Aromatic Compounds*, **2020**, 40, 915-926	1.3	16
226	Iodine-catalyzed tandem oxidative coupling reaction: A one-pot strategy for the synthesis of new coumarin-fused pyrroles. *Tetrahedron Letters*, **2018**, 59, 94-98	2	16
225	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	2	15
224	Design, Synthesis, and Cholinesterase Inhibition Assay of Coumarin-3-carboxamide-N-morpholine Hybrids as New Anti-Alzheimer Agents. *Chemistry and Biodiversity*, **2019**, 16, e1900144	2.5	15
223	Synthesis of new benzo[f]imidazo[1,2-d][1,4]oxazepines: AgNO3-mediated intramolecular hydroamination. *Tetrahedron Letters*, **2015**, 56, 7082-7084	2	15
222	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	2.8	15
221	Cu(II)-□cyclodextrin-catalyzed synthesis of spiro[indoline-3,4?-pyrano[3,2-c]chromene]-3?-carbonitrile derivatives. *Synthetic Communications*, **2017**, 47, 2324-2329	1.7	15
220	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	1.1	15
219	Synthesis of Isoindolo[2,1-a]quinazoline-5,11-dione Derivatives via the Reductive One-Pot Reaction of N-Substituted 2-Nitrobenzamides and 2-Formylbenzoic Acids. *Helvetica Chimica Acta*, **2013**, 96, 419-423	2	14
218	Magnetic Copper Ferrite Nanoparticles Functionalized by Aromatic Polyamide Chains for Hyperthermia Applications. *Langmuir*, **2021**, 37, 8847-8854	4	14
217	Synthesis of Novel Tacrine Analogs as Acetylcholinesterase Inhibitors. *Journal of Heterocyclic Chemistry*, **2017**, 54, 384-390	1.9	13
216	Sulfamic acid-functionalized hydroxyapatite-encapsulated □Fe2O3 nanoparticles as a magnetically recoverable catalyst for synthesis of N-fused imidazole-quinoline conjugates under solvent-free conditions. *RSC Advances*, **2015**, 5, 83530-83537	3.7	13
215	Design and Synthesis of Novel Arylisoxazole-Chromenone Carboxamides: Investigation of Biological Activities Associated with Alzheimer's Disease. *Chemistry and Biodiversity*, **2020**, 17, e1900746	2.5	13
214	Synthesis of novel 5-phenylimidazo[1,2-c]quinazolin-3-amine derivatives via Groebke□Blackburn□Bienaym□multicomponent reaction. *Monatshefte F□ Chemie*, **2014**, 145, 1483-1487	1.4	13
213	Synthesis of novel indolo[2,3-c]quinolinones via Ugi-4CR/palladium-catalyzed arylation. *Tetrahedron* , **2014**, 70, 3931-3934	2.4	13
212	An Efficient and Direct Solvent-Free Synthesis of Naphtho[1,2-b]furans, Naphtho[2,1-b]furans, and Furo[3,2-c]chromenes. *Synlett*, **2009**, 2009, 2542-2544	2.2	13
211	Recent advances in biological activities of rhodium complexes: Their applications in drug discovery research. *European Journal of Medicinal Chemistry*, **2021**, 216, 113308	6.8	13
210	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	3.4	13

209	Novel and efficient synthesis of triazolobenzodiazepine analogues through the sequential Ugi 4CR-click-N-arylation reactions. *Tetrahedron Letters*, **2019**, 60, 583-585	2	13
208	Design and synthesis of new imidazo[1,2-b]pyrazole derivatives, in vitro □glucosidase inhibition, kinetic and docking studies. *Molecular Diversity*, **2020**, 24, 69-80	3.1	13
207	Design and synthesis of novel pyrazole-phenyl semicarbazone derivatives as potential □glucosidase inhibitor: Kinetics and molecular dynamics simulation study. *International Journal of Biological Macromolecules*, **2021**, 166, 1082-1095	7.9	13
206	DABCO-modified super-paramagnetic nanoparticles as an efficient and water-compatible catalyst for the synthesis of pyrano[3,2-c:5,6-c']dichromene-6,8-dione derivatives under mild reaction conditions. *Applied Organometallic Chemistry*, **2018**, 32, e4561	3.1	13
205	Synthesis, evaluation, and molecular docking studies of aryl urea-triazole-based derivatives as anti-urease agents. *Archiv Der Pharmazie*, **2018**, 351, e1800005	4.3	13
204	Design, Synthesis, Molecular Docking, and Cholinesterase Inhibitory Potential of Phthalimide-Dithiocarbamate Hybrids as New Agents for Treatment of Alzheimer's Disease. *Chemistry and Biodiversity*, **2019**, 16, e1900370	2.5	12
203	Novel morpholine containing cinnamoyl amides as potent tyrosinase inhibitors. *International Journal of Biological Macromolecules*, **2019**, 135, 978-985	7.9	12
202	Isoindolin-1-one derivatives as urease inhibitors: Design, synthesis, biological evaluation, molecular docking and in-silico ADME evaluation. *Bioorganic Chemistry*, **2019**, 87, 1-11	5.1	12
201	Synthesis and In Vitro Cytotoxic Activity of Novel Triazole-Isoxazole Derivatives. *Journal of Heterocyclic Chemistry*, **2015**, 52, 1743-1747	1.9	12
200	Synthesis and Evaluation of Novel Quinazolinone-1,2,3-Triazoles as Inhibitors of Lipoxygenase. *Journal of Chemical Research*, **2016**, 40, 188-191	0.6	12
199	Potassium tert-Butoxide Promoted Intramolecular Amination of 1-Aryl-2-(2-nitrobenzylidene)hydrazines: Efficient Synthesis of 1-Aryl-1H-indazoles. *Synlett*, **2014**, 25, 2605-2608	2.2	12
198	CuBr-catalysed one-pot multicomponent synthesis of 3-substituted 2-thioxo-2,3-dihydroquinazolin-4(1H)-one derivatives. *Applied Organometallic Chemistry*, **2019**, 33, e4635	3.1	12
197	Novel N-benzylpyridinium moiety linked to arylisoxazole derivatives as selective butyrylcholinesterase inhibitors: Synthesis, biological evaluation, and docking study. *Bioorganic Chemistry*, **2019**, 92, 103192	5.1	11
196	New benzyl pyridinium derivatives bearing 2,4-dioxochroman moiety as potent agents for treatment of Alzheimer's disease: Design, synthesis, biological evaluation, and docking study. *Bioorganic Chemistry*, **2019**, 87, 506-515	5.1	11
195	Mo (CO)6-assisted Pd-supported magnetic graphene oxide-catalyzed carbonylation-cyclization as an efficient way for the synthesis of 4(3H)-quinazolinones. *Applied Organometallic Chemistry*, **2019**, 33, e4769	3.1	11
194	Efficient Synthesis of 2-Methylenethiazolo[2,3-b]quinazolinone Derivatives. *Synlett*, **2015**, 26, 173-176	2.2	11
193	Synthesis of novel 5-arylidene (thio)barbituric acid and evaluation of their urease inhibitory activity. *Journal of the Iranian Chemical Society*, **2015**, 12, 1487-1491	2	11
192	Synthesis, in vitro and in silico screening of 2-amino-4-aryl-6-(phenylthio) pyridine-3,5-dicarbonitriles as novel □glucosidase inhibitors. *Bioorganic Chemistry*, **2020**, 100, 103879	5.1	11

191	New 1,2,3-triazole-(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	4.3	11
190	Convenient and sequential one-pot route for synthesis of 2-thioxoquinazolinone and quinazolinobenzothiazinedione derivatives. *Monatshefte F Chemie*, **2014**, 145, 497-504	1.4	11
189	Solvent-Free Reaction between Anthranilic Acids and Isocyanides: A Novel Approach for the Synthesis of 2-Unsubstituted 4(3H)-Quinazolinones. *Synlett*, **2011**, 2011, 834-836	2.2	11
188	A novel and efficient synthesis of 2-substituted quinazolin-4(3H)-ones by the reaction of (het)arylmethanamines with isatoic anhydride. *Tetrahedron Letters*, **2016**, 57, 3770-3772	2	11
187	Hetero-annulated coumarins as new AChE/BuChE inhibitors: synthesis and biological evaluation. *Medicinal Chemistry Research*, **2016**, 25, 1831-1841	2.2	11
186	Synthesis and pharmacological properties of polysubstituted 2-amino-4H-pyran-3-carbonitrile derivatives. *Molecular Diversity*, **2020**, 24, 1385-1431	3.1	11
185	Recent Advances in Alkyne Hydroamination as a Powerful Tool for the Construction of CN Bonds. *Asian Journal of Organic Chemistry*, **2020**, 9, 969-991	3	11
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