

# Mohammad Mahdavi

## List of Publications by Year in Descending Order

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**Version:** 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Review: the latest advances in biomedical applications of chitosan hydrogel as a powerful natural structure with eye-catching biological properties. <i>Journal of Materials Science</i> , <b>2022</b> , 57, 3855-3891	4.3	4
315	Synthesis and in vitro urease inhibitory activity of 5-nitrofuranyl-thiadiazole linked to different cyclohexyl-2-(phenylamino)acetamides, in silico and kinetic studies.. <i>Bioorganic Chemistry</i> , <b>2022</b> , 120, 105592	5.1	1
314	A review on synthesis, mechanism of action, and structure-activity relationships of 1,2,3-triazole-based $\alpha$ -glucosidase inhibitors as promising anti-diabetic agents. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1255, 132469	3.4	5
313	Synthesis, and in vitro biological evaluations of novel naphthoquinone conjugated to aryl triazole acetamide derivatives as potential anti-Alzheimer agents. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1255, 132229	3.4	3
312	New 4-phenylpiperazine-carbodithioate-N-phenylacetamide hybrids: Synthesis, in vitro and in silico evaluations against cholinesterase and $\alpha$ -glucosidase enzymes.. <i>Archiv Der Pharmazie</i> , <b>2022</b> , e2100313	4.3	0
311	Design and synthesis of novel nitrothiazolacetamide conjugated to different thioquinazolinone derivatives as anti-urease agents.. <i>Scientific Reports</i> , <b>2022</b> , 12, 2003	4.9	4
310	In silico and in vitro studies of thiosemicarbazone-indole hybrid compounds as potent $\alpha$ -glucosidase inhibitors.. <i>Computational Biology and Chemistry</i> , <b>2022</b> , 97, 107642	3.6	0
309	Pd@PyPZ@MSN as a Novel and Efficient Catalyst for C-C Bond Formation Reactions.. <i>Frontiers in Chemistry</i> , <b>2022</b> , 10, 838294	5	0
308	Novel aryl(4-phenylpiperazin-1-yl)methanethione derivatives as new anti-Alzheimer agents: Design, synthesis, in vitro and in silico assays. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1262, 132945	3.4	1
307	Functionalized graphene oxide nanosheets with folic acid and silk fibroin as a novel nanobiocomposite for biomedical applications.. <i>Scientific Reports</i> , <b>2022</b> , 12, 6205	4.9	0
306	Novel phenylurea-pyridinium derivatives as potent urease inhibitors: Synthesis, in vitro, and in silico studies. <i>Journal of Molecular Structure</i> , <b>2022</b> , 133078	3.4	1
305	In vitro cell-based models of drug-induced hepatotoxicity screening: progress and limitation.. <i>Drug Metabolism Reviews</i> , <b>2022</b> , 1-76	7	0
304	A review on $\alpha$ -glucosidase inhibitory activity of first row transition metal complexes: a futuristic strategy for treatment of type 2 diabetes.. <i>RSC Advances</i> , <b>2022</b> , 12, 12011-12052	3.7	2
303	Synthesis, molecular docking, and cytotoxicity of quinazolinone and dihydroquinazolinone derivatives as cytotoxic agents.. <i>BMC Chemistry</i> , <b>2022</b> , 16, 35	3.7	
302	Vinylazides: versatile synthons and magical precursors for the construction of N-heterocycles. <i>Molecular Diversity</i> , <b>2021</b> , 25, 2533-2570	3.1	1
301	Characteristics of published/registered clinical trials on COVID-19 treatment: A systematic review. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 29, 449-467	3.9	2
300	One-pot multi-component synthesis of novel chromeno[4,3-b]pyrrol-3-yl derivatives as $\alpha$ -glucosidase inhibitors. <i>Molecular Diversity</i> , <b>2021</b> , 1	3.1	3

299	Novel magnetic organic-inorganic hybrids based on aromatic polyamides and ZnFeO nanoparticles with biological activity. <i>Scientific Reports</i> , <b>2021</b> , 11, 20310	4.9	1
298	Design, synthesis, biological evaluation, and molecular modeling studies of pyrazole-benzofuran hybrids as new $\alpha$ -glucosidase inhibitor. <i>Scientific Reports</i> , <b>2021</b> , 11, 20776	4.9	2
297	Synthesis and biological evaluation of a new series of benzofuran-1,3,4-oxadiazole containing 1,2,3-triazole-acetamides as potential $\alpha$ -glucosidase inhibitors. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2021</b> , 35, e22688	3.4	2
296	Recent strategies in the synthesis of thiophene derivatives: highlights from the 2012-2020 literature. <i>Molecular Diversity</i> , <b>2021</b> , 25, 2571-2604	3.1	8
295	Recent advances in biological activities of rhodium complexes: Their applications in drug discovery research. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 216, 113308	6.8	13
294	Design, synthesis, and evaluation of metronidazole-1,2,3-triazole derivatives as potent urease inhibitors. <i>Chemical Papers</i> , <b>2021</b> , 75, 4217-4226	1.9	2
293	Quinazolinone-dihydropyrano[3,2-b]pyran hybrids as new $\alpha$ -glucosidase inhibitors: Design, synthesis, enzymatic inhibition, docking study and prediction of pharmacokinetic. <i>Bioorganic Chemistry</i> , <b>2021</b> , 109, 104703	5.1	7
292	Ullmann-Goldberg and Buchwald-Hartwig $C-N$ Cross Couplings: Synthetic Methods to Pharmaceutically Potential N-Heterocycles. <i>Asian Journal of Organic Chemistry</i> , <b>2021</b> , 10, 1319-1344	3	17
291	The natural-based optimization of kojic acid conjugated to different thio-quinazolinones as potential anti-melanogenesis agents with tyrosinase inhibitory activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2021</b> , 36, 116044	3.4	13
290	Synthesis, in vitro and in silico enzymatic inhibition assays, and toxicity evaluations of new 4,5-diphenylimidazole-N-phenylacetamide derivatives as potent $\alpha$ -glucosidase inhibitors. <i>Medicinal Chemistry Research</i> , <b>2021</b> , 30, 1273-1283	2.2	1
289	Design, Synthesis, and Molecular Docking of Some Novel Tacrine Based Cyclopentapyranopyridine- and Tetrahydropyranoquinoline-Kojic Acid Derivatives as Anti-Acetylcholinesterase Agents. <i>Chemistry and Biodiversity</i> , <b>2021</b> , 18, e2000924	2.5	2
288	New quinoxalin-1,3,4-oxadiazole derivatives: Synthesis, characterization, in vitro biological evaluations, and molecular modeling studies. <i>Archiv Der Pharmazie</i> , <b>2021</b> , 354, e2000471	4.3	3
287	N-sulfonyl ketenimine as a versatile intermediate for the synthesis of heteroatom containing compounds. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 939, 121773	2.3	6
286	Arylmethylene hydrazine derivatives containing 1,3-dimethylbarbituric moiety as novel urease inhibitors. <i>Scientific Reports</i> , <b>2021</b> , 11, 10607	4.9	6
285	Sulfonic Acid Functionalized Magnetic Starch as an Efficient Catalyst for the Synthesis of Chromeno[4,3-b]quinoline-6,8(9H)-dione Derivatives. <i>Starch/Staerke</i> , <b>2021</b> , 73, 2000257	2.3	2
284	New 4,5-diphenylimidazole-acetamide-1,2,3-triazole hybrids as potent $\alpha$ -glucosidase inhibitors: synthesis, in vitro and in silico enzymatic and toxicity evaluations. <i>Monatshefte Für Chemie</i> , <b>2021</b> , 152, 679	1.4	0
283	Catalytic and non-catalytic amidation of carboxylic acid substrates. <i>Molecular Diversity</i> , <b>2021</b> , 1	3.1	2
282	Design and synthesis of a novel nanocomposite based on magnetic dopamine nanoparticles for purification of $\alpha$ -amylase from the bovine milk. <i>Scientific Reports</i> , <b>2021</b> , 11, 13428	4.9	1

281	Triflic Anhydride (Tf <sub>2</sub> O): An Efficient Catalyst for Electrophilic Activation of Amides. <i>ChemistrySelect</i> , <b>2021</b> , 6, 5320-5328	1.8	2
280	Recent Opportunities and Challenges in Selective C-H Functionalization of Methyl Azaarenes: A Highlight from 2010 to 2020 Studies. <i>Current Organic Synthesis</i> , <b>2021</b> , 18, 761-789	1.9	
279	Design and Synthesis of Novel 5-Arylisoxazole-1,3,4-thiadiazole Hybrids as $\alpha$ -Glucosidase Inhibitors. <i>Letters in Drug Design and Discovery</i> , <b>2021</b> , 18, 436-444	0.8	0
278	Efficient synthesis of chromeno[4,3-b]pyrano[3,4-e]pyridine-6,8-dione derivatives via multicomponent one-pot reaction under mild reaction conditions in water. <i>Research on Chemical Intermediates</i> , <b>2021</b> , 47, 4101-4112	2.8	1
277	Design and synthesis of 4,5-diphenyl-imidazol-1,2,3-triazole hybrids as new anti-diabetic agents: in vitro $\alpha$ -glucosidase inhibition, kinetic and docking studies. <i>Molecular Diversity</i> , <b>2021</b> , 25, 877-888	3.1	7
276	Design and synthesis of novel pyrazole-phenyl semicarbazone derivatives as potential $\alpha$ -glucosidase inhibitor: Kinetics and molecular dynamics simulation study. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 166, 1082-1095	7.9	13
275	Synthesis and biological evaluation of new dihydroindolizino[8,7-b]indole derivatives as novel $\alpha$ -glucosidase inhibitors. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1224, 129290	3.4	3
274	Electrochemical synthesis of three-dimensional flower-like Ni/CoBTC bimetallic organic framework as heterogeneous catalyst for solvent-free and green synthesis of substituted chromeno[4,3-b]quinolones. <i>Journal of the Chinese Chemical Society</i> , <b>2021</b> , 68, 620-629	1.5	2
273	Novel N-benzylpiperidine derivatives of 5-arylisoxazole-3-carboxamides as anti-Alzheimer's agents. <i>Archiv Der Pharmazie</i> , <b>2021</b> , 354, e2000258	4.3	3
272	$\alpha$ -Fe <sub>2</sub> O <sub>3</sub> @SiO <sub>2</sub> (CH <sub>2</sub> ) <sub>3</sub> -HPBM-Pd as a versatile boosted nanocatalyst for carbon-carbon bond formation. <i>Materials Today Communications</i> , <b>2021</b> , 26, 101913	2.5	2
271	Design, synthesis, characterization, enzymatic inhibition evaluations, and docking study of novel quinazolinone derivatives. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 170, 1-12	7.9	20
270	Novel (thio)barbituric-phenoxy-N-phenylacetamide derivatives as potent urease inhibitors: synthesis, in vitro urease inhibition, and in silico evaluations. <i>Structural Chemistry</i> , <b>2021</b> , 32, 37-48	1.8	7
269	Synthesis, in vitro, and in silico studies of newly functionalized quinazolinone analogs for the identification of potent $\alpha$ -glucosidase inhibitors. <i>Journal of the Iranian Chemical Society</i> , <b>2021</b> , 18, 2017	2	0
268	$\alpha$ -Glucosidase and $\alpha$ -amylase inhibition, molecular modeling and pharmacokinetic studies of new quinazolinone-1,2,3-triazole-acetamide derivatives. <i>Medicinal Chemistry Research</i> , <b>2021</b> , 30, 702-711	2.2	3
267	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. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 1-13	3.6	1
266	Novel Coumarin Containing Dithiocarbamate Derivatives as Potent $\alpha$ -Glucosidase Inhibitors for Management of Type 2 Diabetes. <i>Medicinal Chemistry</i> , <b>2021</b> , 17, 264-272	1.8	3
265	Copper-catalyzed one-pot synthesis of amide linked 1,2,3-triazoles bearing aryloxy skeletons. <i>Tetrahedron Letters</i> , <b>2021</b> , 65, 152765	2	2
264	Copper Supported onto Magnetic Nanoparticles as an Efficient Catalyst for the Synthesis of Triazolobenzodiazepino[7,1-b]quinazolin-11(9H)-ones via Click N-Arylation Reactions. <i>ChemistrySelect</i> , <b>2021</b> , 6, 1385-1392	1.8	2

263	Efficient synthesis of novel 2-(2-chloroquinolin-3-yl)imidazo[1,2-a]pyridin-3-amine derivatives. <i>Journal of the Chinese Chemical Society</i> , <b>2021</b> , 68, 1328-1333	1.5	0
262	Palladium-coated thiourea core-shell nanocomposite as a new, efficient, and magnetic responsive nanocatalyst for the Suzuki-Miyaura coupling reactions. <i>Materials Research Express</i> , <b>2021</b> , 8, 026102	1.7	4
261	Palladium supported aminobenzamide modified silica coated superparamagnetic iron oxide as an applicable nanocatalyst for Heck cross-coupling reaction. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 936, 121711	2.3	4
260	Synthesis of novel tetracyclic coumarin-fused furo-pyridone scaffolds via sequential N-arylation and intramolecular amidation reactions. <i>Tetrahedron Letters</i> , <b>2021</b> , 68, 152904	2	3
259	Hybrid Bionanocomposite Containing Magnesium Hydroxide Nanoparticles Embedded in a Carboxymethyl Cellulose Hydrogel Plus Silk Fibroin as a Scaffold for Wound Dressing Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 33840-33849	9.5	18
258	Synthesis and evaluation of novel arylisoxazoles linked to tacrine moiety: in vitro and in vivo biological activities against Alzheimer's disease. <i>Molecular Diversity</i> , <b>2021</b> , 1	3.1	2
257	Magnetic Copper Ferrite Nanoparticles Functionalized by Aromatic Polyamide Chains for Hyperthermia Applications. <i>Langmuir</i> , <b>2021</b> , 37, 8847-8854	4	14
256	Design, synthesis, and $\alpha$ -glucosidase-inhibitory activity of phenoxy-biscoumarin-N-phenylacetamide hybrids. <i>Archiv Der Pharmazie</i> , <b>2021</b> , 354, e2100179	4.3	1
255	Bi Metal-Organic Framework (Ce/Ni-BTC) as Heterogeneous Catalyst for the Green Synthesis of Substituted Chromeno[4, 3-b]quinolone under Solvent Free Condition. <i>Current Organic Synthesis</i> , <b>2021</b> , 18, 475-482	1.9	1
254	Design and synthesis of novel quinazolinone-pyrazole derivatives as potential $\alpha$ -glucosidase inhibitors: Structure-activity relationship, molecular modeling and kinetic study. <i>Bioorganic Chemistry</i> , <b>2021</b> , 114, 105127	5.1	9
253	Anti-melanogenesis and anti-tyrosinase properties of aryl-substituted acetamides of phenoxy methyl triazole conjugated with thiosemicarbazide: Design, synthesis and biological evaluations. <i>Bioorganic Chemistry</i> , <b>2021</b> , 114, 104979	5.1	6
252	Design and synthesis of phenoxymethylbenzimidazole incorporating different aryl thiazole-triazole acetamide derivatives as $\alpha$ -glucosidase inhibitors. <i>Molecular Diversity</i> , <b>2021</b> , 1	3.1	0
251	Pectin-cellulose hydrogel, silk fibroin and magnesium hydroxide nanoparticles hybrid nanocomposites for biomedical applications. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 192, 7-15	7.9	7
250	Synthesis, in vitro, and in silico evaluation of Indazole Schiff bases as potential $\alpha$ -glucosidase inhibitors. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1242, 130826	3.4	3
249	Sodium Azide: An Inorganic Nitrogen Source for the Synthesis of Organic N -Compounds. <i>ChemistrySelect</i> , <b>2021</b> , 6, 13419-13433	1.8	0
248	Synthesis, in vitro and in silico screening of 2-amino-4-aryl-6-(phenylthio) pyridine-3,5-dicarbonitriles as novel $\alpha$ -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , <b>2020</b> , 100, 103879	5.1	11
247	Magnetic silica nanoparticle-supported copper complex as an efficient catalyst for the synthesis of novel triazolopyrazinylacetamides with improved antibacterial activity. <i>Chemistry of Heterocyclic Compounds</i> , <b>2020</b> , 56, 488-494	1.4	6
246	Design, synthesis, and evaluation of novel cinnamic acid-tryptamine hybrid for inhibition of acetylcholinesterase and butyrylcholinesterase. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 28, 463-477	3.9	5

245	Efficient one-pot synthesis of novel 6,9?-dihydro-2H,7?H-spiro[pyrimidine-5,8?-[1,3]dioxolo[4,5-f]quinoline]-2,4,6(1H,3H)-trione derivatives under mild and green reaction conditions. <i>Journal of Heterocyclic Chemistry</i> , <b>2020</b> , 57, 3161-3166	1.9	
244	Design, synthesis and biological evaluation of novel phthalimide-Schiff base-coumarin hybrids as potent $\beta$ -glucosidase inhibitors. <i>Chemical Papers</i> , <b>2020</b> , 74, 4379-4388	1.9	4
243	Design and synthesis of 2,4-dioxochroman-pyridinium-phenylacetamide derivatives as new anti-Alzheimer agents: in vitro and in silico studies. <i>Journal of the Chinese Chemical Society</i> , <b>2020</b> , 67, 1910-1928	1.5	
242	New phthalimide-benzamide-1,2,3-triazole hybrids; design, synthesis, $\beta$ -glucosidase inhibition assay, and docking study. <i>Medicinal Chemistry Research</i> , <b>2020</b> , 29, 868-876	2.2	4
241	Design and Synthesis of Novel Arylisoxazole-Chromenone Carboxamides: Investigation of Biological Activities Associated with Alzheimer's Disease. <i>Chemistry and Biodiversity</i> , <b>2020</b> , 17, e1900746	2.5	13
240	Regio- and Diastereoselective KMnO <sub>4</sub> /RCO <sub>2</sub> H Mediated Acyloxyarylation of Chalcones [An Indirect $\beta$ -Arylation of Chalcones. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 2045-2051	3.2	2
239	New 1,2,3-triazole-(thio)barbituric acid hybrids as urease inhibitors: Design, synthesis, in vitro urease inhibition, docking study, and molecular dynamic simulation. <i>Archiv Der Pharmazie</i> , <b>2020</b> , 353, e2000023	4.3	11
238	Synthesis, characterization, molecular docking, and biological activities of coumarin-1,2,3-triazole-acetamide hybrid derivatives. <i>Archiv Der Pharmazie</i> , <b>2020</b> , 353, e2000109	4.3	27
237	Thieno[2,3-b]pyridine amines: Synthesis and evaluation of tacrine analogs against biological activities related to Alzheimer's disease. <i>Archiv Der Pharmazie</i> , <b>2020</b> , 353, e2000101	4.3	9
236	Efficient One Pot Synthesis of Phenylimidazo[1,2-a]pyridine Derivatives using Multifunctional Copper Catalyst Supported on $\beta$ -Cyclodextrin Functionalized Magnetic Graphene oxide. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5913	3.1	7
235	An efficient and targeted synthetic approach towards new highly substituted 6-amino-pyrazolo[1,5-a]pyrimidines with $\beta$ -glucosidase inhibitory activity. <i>Scientific Reports</i> , <b>2020</b> , 10, 2595	4.9	8
234	C3-Functionalization of Imidazo[1,2-a]pyridines. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 269-284	3.84	56
233	Comparison of serologic status of Toxoplasma gondii infection in pre- and post-heart transplantation in a pediatric population: A preliminary study. <i>Transplant Infectious Disease</i> , <b>2020</b> , 22, e13339	2.7	0
232	2,4-Dioxochroman Moiety Linked to 1,2,3-triazole Derivatives as Novel $\beta$ -glucosidase Inhibitors: Synthesis, In vitro Biological Evaluation, and Docking Study. <i>Current Organic Chemistry</i> , <b>2020</b> , 24, 2019-2027	1.7	1
231	Synthesis and In Vitro Biological Activity Evaluation of Novel Imidazo [2,1-B][1,3,4] Thiadiazole as Anti-Alzheimer Agents. <i>Letters in Drug Design and Discovery</i> , <b>2020</b> , 17, 610-617	0.8	1
230	Anticholinesterase Activity of Cinnamic Acids Derivatives: In Vitro, In Vivo Biological Evaluation, and Docking Study. <i>Letters in Drug Design and Discovery</i> , <b>2020</b> , 17, 965-982	0.8	
229	Design and synthesis of new benzofuran-1,2,3-triazole hybrid preservatives and the evaluation of their antifungal potential against white and brown-rot fungi. <i>BioResources</i> , <b>2020</b> , 15, 7828-7843	1.3	2
228	Dimethyl Sulfoxide: Yesterday's Solvent, Today's Reagent. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 65-86	5.6	53

227	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. <i>Structural Chemistry</i> , <b>2020</b> , 31, 999-1012	1.8	4
226	Novel N,N-dimethylbarbituric-pyridinium derivatives as potent urease inhibitors: Synthesis, in vitro, and in silico studies. <i>Bioorganic Chemistry</i> , <b>2020</b> , 95, 103529	5.1	6
225	Synthesis and biological evaluation of new benzimidazole-1,2,3-triazole hybrids as potential $\beta$ -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , <b>2020</b> , 95, 103482	5.1	25
224	Synthesis of Arylidene Isoquinolinones bearing Combretastatin Skeleton by Cyclocarbopalladation/cross coupling Tandem Heck-Suzuki Miura Reactions using nano catalyst Pd@Py-IL-SPION. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5279	3.1	2
223	Amine-carbon disulfide promoted synthesis of novel benzo[e][1,3]thiazepin-5(1H)-one derivatives. <i>Journal of Heterocyclic Chemistry</i> , <b>2020</b> , 57, 413-418	1.9	2
222	Benzoylquinazolinone derivatives as new potential antidiabetic agents: $\beta$ -glucosidase inhibition, kinetic, and docking studies. <i>Journal of the Chinese Chemical Society</i> , <b>2020</b> , 67, 856-863	1.5	5
221	Design, synthesis, biological evaluation, and docking study of novel dual-acting thiazole-pyridiniums inhibiting acetylcholinesterase and $\beta$ -amyloid aggregation for Alzheimer's disease. <i>Bioorganic Chemistry</i> , <b>2020</b> , 103, 104186	5.1	18
220	Novel quinazolin-sulfonamid derivatives: synthesis, characterization, biological evaluation, and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2020</b> , 1-12	3.6	4
219	Design, Synthesis, and Biological Evaluation of New Indole-Acrylamide-1,2,3-Triazole Derivatives as Potential $\beta$ -glucosidase Inhibitors. <i>Polycyclic Aromatic Compounds</i> , <b>2020</b> , 1-9	1.3	0
218	New acridine-9-carboxamide linked to 1,2,3-triazole-N-phenylacetamide derivatives as potent $\beta$ -glucosidase inhibitors: design, synthesis, in vitro, and in silico biological evaluations. <i>Medicinal Chemistry Research</i> , <b>2020</b> , 29, 1836-1845	2.2	2
217	N-Cyclohexylimidazo[1,2-a]pyridine derivatives as multi-target-directed ligands for treatment of Alzheimer's disease. <i>Bioorganic Chemistry</i> , <b>2020</b> , 103, 104146	5.1	10
216	Design, synthesis, biological evaluation, and docking study of new acridine-9-carboxamide linked to 1,2,3-triazole derivatives as antidiabetic agents targeting $\beta$ -glucosidase. <i>Journal of Heterocyclic Chemistry</i> , <b>2020</b> , 57, 4348-4357	1.9	2
215	Design, synthesis and antibacterial activity evaluation of novel 2-(4-((1-aryl-1H-1,2,3-triazol-4-yl)methoxy)phenyl)2-(2-oxoazetidin-1-yl)acetamide derivatives. <i>Journal of Heterocyclic Chemistry</i> , <b>2020</b> , 57, 4254-4261	1.9	3
214	New Biscoumarin Derivatives as Potent $\beta$ -glucosidase Inhibitors: Synthesis, Biological Evaluation, Kinetic Analysis, and Docking Study. <i>Polycyclic Aromatic Compounds</i> , <b>2020</b> , 40, 915-926	1.3	16
213	Multicomponent reaction of amine, carbon disulfide, and fluoronitrobenzene via nucleophilic attack on the fluorinated carbon for the synthesis of nitrophenyl methylcarbomodithioates. <i>Journal of the Chinese Chemical Society</i> , <b>2020</b> , 67, 160-164	1.5	5
212	Design, synthesis, in vivo and in vitro studies of 1,2,3,4-tetrahydro-9H-carbazole derivatives, highly selective and potent butyrylcholinesterase inhibitors. <i>Molecular Diversity</i> , <b>2020</b> , 24, 211-223	3.1	4
211	Novel fused 1,2,3-triazolo-benzodiazepine derivatives as potent anticonvulsant agents: design, synthesis, in vivo, and in silico evaluations. <i>Molecular Diversity</i> , <b>2020</b> , 24, 179-189	3.1	8
210	Design and synthesis of new imidazo[1,2-b]pyrazole derivatives, in vitro $\beta$ -glucosidase inhibition, kinetic and docking studies. <i>Molecular Diversity</i> , <b>2020</b> , 24, 69-80	3.1	13

209	Synthesis and Anticancer Activity of N-(di/trimethoxyaryl)-5-arylisoxazole-3-carboxamide. <i>Polycyclic Aromatic Compounds</i> , <b>2020</b> , 40, 1568-1580	1.3	2
208	Synthesis and pharmacological properties of polysubstituted 2-amino-4H-pyran-3-carbonitrile derivatives. <i>Molecular Diversity</i> , <b>2020</b> , 24, 1385-1431	3.1	11
207	Synthesis of highly functionalized organic compounds through Ugi post-transformations started from propiolic acids. <i>Molecular Diversity</i> , <b>2020</b> , 24, 855-887	3.1	6
206	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. <i>Research on Chemical Intermediates</i> , <b>2020</b> , 46, 491-507	2.8	23
205	Recent Advances in Alkyne Hydroamination as a Powerful Tool for the Construction of C-N Bonds. <i>Asian Journal of Organic Chemistry</i> , <b>2020</b> , 9, 969-991	3	11
204	Copper-Mediated Direct Cyanation of Benzamides: A New Approach to the Synthesis of Quinazolinones. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 708-713	3.2	2
203	Design, Synthesis, Molecular Docking, and Cholinesterase Inhibitory Potential of Phthalimide-Dithiocarbamate Hybrids as New Agents for Treatment of Alzheimer's Disease. <i>Chemistry and Biodiversity</i> , <b>2019</b> , 16, e1900370	2.5	12
202	Novel N-benzylpyridinium moiety linked to arylisoxazole derivatives as selective butyrylcholinesterase inhibitors: Synthesis, biological evaluation, and docking study. <i>Bioorganic Chemistry</i> , <b>2019</b> , 92, 103192	5.1	11
201	Synthesis and Biological Activity of Some Benzochromenoquinolinones: Tacrine Analogs as Potent Anti-Alzheimer's Agents. <i>Chemistry and Biodiversity</i> , <b>2019</b> , 16, e1800488	2.5	10
200	Design, Synthesis, and Cholinesterase Inhibition Assay of Coumarin-3-carboxamide-N-morpholine Hybrids as New Anti-Alzheimer Agents. <i>Chemistry and Biodiversity</i> , <b>2019</b> , 16, e1900144	2.5	15
199	Anticancer properties of N-alkyl-2, 4-diphenylimidazo [1, 2-a] quinoxalin-1-amine derivatives; kinase inhibitors. <i>Bioorganic Chemistry</i> , <b>2019</b> , 90, 103055	5.1	7
198	The use of magnetic starch as a support for an ionic liquid- $\beta$ -cyclodextrin based catalyst for the synthesis of imidazothiadiazolamine derivatives. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 135, 453-461	7.9	10
197	Novel morpholine containing cinnamoyl amides as potent tyrosinase inhibitors. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 135, 978-985	7.9	12
196	Synthesis and characterization of $\text{Fe}_2\text{O}_3@\text{SiO}_2(\text{CH}_2)_3\text{PDTCE}$ magnetic nanoparticles: a new and highly active catalyst for the Heck/Sonogashira coupling reactions. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 8930-8938	3.6	18
195	Design, synthesis, and biological evaluation of novel 4-oxobenzo[d]1,2,3-triazin-benzylpyridinium derivatives as potent anti-Alzheimer agents. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 2914-2922	3.4	7
194	New thiosemicarbazide-1,2,3-triazole hybrids as potent $\beta$ -glucosidase inhibitors: Design, synthesis, and biological evaluation. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1192, 192-200	3.4	17
193	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. <i>Bioorganic Chemistry</i> , <b>2019</b> , 87, 506-515	5.1	11
192	Design and Synthesis of Novel Cytotoxic Indole-Thiosemicarbazone Derivatives: Biological Evaluation and Docking Study. <i>Chemistry and Biodiversity</i> , <b>2019</b> , 16, e1800470	2.5	7



191	Anti-cancer, anti-oxidant and molecular docking studies of thiosemicarbazone indole-based derivatives. <i>Research on Chemical Intermediates</i> , <b>2019</b> , 45, 2827-2854	2.8	19
190	Mo (CO) <sub>6</sub> -assisted Pd-supported magnetic graphene oxide-catalyzed carbonylation-cyclization as an efficient way for the synthesis of 4(3H)-quinazolinones. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4769	3.1	11
189	Isoindolin-1-one derivatives as urease inhibitors: Design, synthesis, biological evaluation, molecular docking and in-silico ADME evaluation. <i>Bioorganic Chemistry</i> , <b>2019</b> , 87, 1-11	5.1	12
188	Phthalimide-1,2,3-triazole hybrid compounds as tyrosinase inhibitors; synthesis, biological evaluation and molecular docking analysis. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1176, 86-93	3.4	25
187	Catalyst-free three-component synthesis of 2-amino-4,6-diarylpyridine-3-carbonitriles under solvent-free conditions. <i>Chemistry of Heterocyclic Compounds</i> , <b>2019</b> , 55, 725-728	1.4	1
186	Biscoumarin-1,2,3-triazole hybrids as novel anti-diabetic agents: Design, synthesis, in vitro $\alpha$ -glucosidase inhibition, kinetic, and docking studies. <i>Bioorganic Chemistry</i> , <b>2019</b> , 92, 103206	5.1	40
185	Preparation of some novel imidazopyridine derivatives of indole as anticancer agents: one-pot multicomponent synthesis, biological evaluation and docking studies. <i>Research on Chemical Intermediates</i> , <b>2019</b> , 45, 5261-5290	2.8	3
184	A new series of Schiff base derivatives bearing 1,2,3-triazole: Design, synthesis, molecular docking, and $\alpha$ -glucosidase inhibition. <i>Archiv Der Pharmazie</i> , <b>2019</b> , 352, e1900034	4.3	10
183	Design, synthesis, in vitro, and in silico studies of novel diarylimidazole-1,2,3-triazole hybrids as potent $\alpha$ -glucosidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 115148	3.4	17
182	Synthesis of quinazolin-4(3H)-ones via the reaction of isatoic anhydride with benzyl azides in the presence of potassium tert-butoxide in DMSO. <i>Chemistry of Heterocyclic Compounds</i> , <b>2019</b> , 55, 964-967	1.4	2
181	A one-pot and three-component synthetic approach for the preparation of asymmetric and multi-substituted 1,4-dihydropyrazines. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 151257	2	4
180	Isatoic Anhydride: A Fascinating and Basic Molecule for the Synthesis of Substituted Quinazolinones and Benzo di/triazepines. <i>Current Organic Chemistry</i> , <b>2019</b> , 23, 1090-1130	1.7	4
179	Identification of Essential 2D and 3D Chemical Features for Discovery of the Novel Tubulin Polymerization Inhibitors. <i>Current Topics in Medicinal Chemistry</i> , <b>2019</b> , 19, 1092-1120	3	3
178	Design, Synthesis and Cytotoxicity of Novel Coumarin-1,2,3-triazole-1,2,4- Oxadiazole Hybrids as Potent Anti-breast Cancer Agents. <i>Letters in Drug Design and Discovery</i> , <b>2019</b> , 16, 818-824	0.8	9
177	Pyrano[3,2-c]quinoline Derivatives as New Class of $\alpha$ -glucosidase Inhibitors to Treat Type 2 Diabetes: Synthesis, in vitro Biological Evaluation and Kinetic Study. <i>Medicinal Chemistry</i> , <b>2019</b> , 15, 8-16	1.8	10
176	Design, Synthesis, In vitro Cytotoxic Activity Evaluation, and Study of Apoptosis Inducing Effect of New Styrylimidazo[1,2-a]Pyridines as Potent Anti-Breast Cancer Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2019</b> , 19, 265-275	2.2	5
175	Facile Non-Transition Metal-Catalyzed Synthesis of 2-Thioxo-2,3-dihydroquinazolin-4(1H)-one Derivatives via One-Pot Multicomponent Reactions. <i>ChemistrySelect</i> , <b>2019</b> , 4, 100-104	1.8	6
174	CuBr-catalysed one-pot multicomponent synthesis of 3-substituted 2-thioxo-2,3-dihydroquinazolin-4(1H)-one derivatives. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4635 <sup>3.1</sup>	3.1	12

173	Design and Synthesis of Selective Acetylcholinesterase Inhibitors: Arylisoxazole-Phenylpiperazine Derivatives. <i>Chemistry and Biodiversity</i> , <b>2019</b> , 16, e1800433	2.5	17
172	Novel and efficient synthesis of triazolobenzodiazepine analogues through the sequential Ugi 4CR-click-N-arylation reactions. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 583-585	2	13
171	Tandem synthesis of benzo[d]naphtho[2,3-g][1,3]oxazocine-8,13(6H,14H)-dione derivatives. <i>Monatshefte Für Chemie</i> , <b>2019</b> , 150, 347-352	1.4	1
170	Design and synthesis of new fused carbazole-imidazole derivatives as anti-diabetic agents: In vitro $\alpha$ -glucosidase inhibition, kinetic, and in silico studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2019</b> , 29, 713-718	2.9	22
169	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. <i>Bioorganic Chemistry</i> , <b>2019</b> , 83, 303-316	5.1	55
168	Design, synthesis and anti-Alzheimer's activity of novel 1,2,3-triazole-chromenone carboxamide derivatives. <i>Bioorganic Chemistry</i> , <b>2019</b> , 83, 391-401	5.1	50
167	Design and synthesis of novel quinazolinone-1,2,3-triazole hybrids as new anti-diabetic agents: In vitro $\alpha$ -glucosidase inhibition, kinetic, and docking study. <i>Bioorganic Chemistry</i> , <b>2019</b> , 83, 161-169	5.1	74
166	Facile access to new pyrido[2,3-d]pyrimidine derivatives. <i>Molecular Diversity</i> , <b>2019</b> , 23, 333-340	3.1	2
165	New ciprofloxacin $\alpha$ -thiocarbamate $\alpha$ -benzyl hybrids: design, synthesis, antibacterial evaluation, and molecular modeling studies. <i>Research on Chemical Intermediates</i> , <b>2019</b> , 45, 223-236	2.8	6
164	The synthesis of 2,3-dihydroquinazoline-4(1H)-one and dihydroisoindolo[2,1-a]quinazoline-5,11-dione derivatives in the presence of imidazolium ionic liquid sulfonic acid functionalized SBA-15: a novel feature of SBA-15. <i>Arkivoc</i> , <b>2019</b> , 2018, 302-314	0.9	1
163	Green synthesis of 2-((2-aryl-3-oxoisoindolin-1-yl)methyl)quinazolin-4(3H)-ones via sequential condensation, sp <sup>3</sup> C-H bond functionalization and cyclization. <i>Tetrahedron Letters</i> , <b>2018</b> , 59, 1555-1559	2	6
162	Palladium functionalized phosphinite polyethyleneimine grafted magnetic silica nanoparticles as an efficient catalyst for the synthesis of isoquinolino[1,2-b]quinazolin-8-ones. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 5499-5507	3.6	19
161	Copper-catalyzed efficient synthesis of 5-arylindazolo[3,2-b]quinazolin-7(5H)-ones from 2-nitrobenzaldehydes. <i>Tetrahedron</i> , <b>2018</b> , 74, 2197-2201	2.4	4
160	Copper (II)-supported polyethylenimine-functionalized magnetic graphene oxide as a catalyst for the green synthesis of 2-arylquinazolin-4(3H)-ones. <i>Research on Chemical Intermediates</i> , <b>2018</b> , 44, 5241-5253	2.8	15
159	Novel quinazolin-4(3H)-one linked to 1,2,3-triazoles: Synthesis and anticancer activity. <i>Chemical Biology and Drug Design</i> , <b>2018</b> , 92, 1373-1381	2.9	21
158	Design and synthesis of novel coumarin-pyridinium hybrids: In vitro cholinesterase inhibitory activity. <i>Bioorganic Chemistry</i> , <b>2018</b> , 77, 311-319	5.1	33
157	Synthesis and biological evaluation of chalcone-triazole hybrid derivatives as 15-LOX inhibitors. <i>Zeitschrift Für Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2018</b> , 73, 77-83	1	3
156	Design, synthesis and in vitro $\alpha$ -glucosidase inhibition of novel dihydropyrano[3,2-c]quinoline derivatives as potential anti-diabetic agents. <i>Bioorganic Chemistry</i> , <b>2018</b> , 77, 280-286	5.1	48

155	Copper-supported $\beta$ -cyclodextrin-functionalized magnetic nanoparticles: Efficient multifunctional catalyst for one-pot green synthesis of 1,2,3-triazolylquinazolinone derivatives. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4212	3.1	20
154	SBA-15-SO <sub>3</sub> H-assisted preparation of 4-aza-phenanthrene-3,10-dione derivatives via a one-pot, four-component reaction. <i>Research on Chemical Intermediates</i> , <b>2018</b> , 44, 739-747	2.8	7
153	Biology-Oriented Drug Synthesis (BIODS) Approach towards Synthesis of Ciprofloxacin-Dithiocarbamate Hybrids and Their Antibacterial Potential both in Vitro and in Silico. <i>Chemistry and Biodiversity</i> , <b>2018</b> , 15, e1800273	2.5	3
152	Synthesis and cholinesterase inhibitory activity of new 2-benzofuran carboxamide-benzylpyridinium salts. <i>Bioorganic Chemistry</i> , <b>2018</b> , 80, 180-188	5.1	10
151	Utilizing Amines and Carbon Disulfide to Obtain Nitrogen- and Sulfur-containing Compounds under Green Conditions: A Review. <i>Current Organic Chemistry</i> , <b>2018</b> , 22, 2315-2380	1.7	5
150	Synthesis and Urease Inhibitory Activity of Some 5-Aminomethylene Barbituric/Thiobarbituric Acid Derivatives. <i>Letters in Drug Design and Discovery</i> , <b>2018</b> , 15, 428-436	0.8	7
149	A Convenient Method for the Synthesis of Chromeno[4,3-b]pyridines Via Three-component Reaction. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2018</b> , 21, 344-348	1.3	0
148	Design, Synthesis and In vitro Cytotoxicity of New 1,2,3-triazol- and Nitrostyrene Hybrids as Potent Anticancer Agents. <i>Letters in Drug Design and Discovery</i> , <b>2018</b> , 16, 213-219	0.8	1
147	Iodine-catalyzed tandem oxidative coupling reaction: A one-pot strategy for the synthesis of new coumarin-fused pyrroles. <i>Tetrahedron Letters</i> , <b>2018</b> , 59, 94-98	2	16
146	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. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4561	3.1	13
145	Design, synthesis and in vitro $\alpha$ -glucosidase inhibition of novel coumarin-pyridines as potent antidiabetic agents. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 17268-17278	3.6	31
144	Copper-catalyzed synthesis of 2,3-disubstituted quinazolin-4(3H)-ones from benzyl-substituted anthranilamides. <i>Heterocyclic Communications</i> , <b>2018</b> , 24, 267-271	1.7	2
143	Metal-free, air-promoted, radical-mediated arylation of benzoquinone with phenylhydrazines. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2018</b> , 73, 703-706	1	6
142	Novel cinnamic acid-tryptamine hybrids as potent butyrylcholinesterase inhibitors: Synthesis, biological evaluation, and docking study. <i>Archiv Der Pharmazie</i> , <b>2018</b> , 351, e1800115	4.3	8
141	Design, synthesis, and biological evaluation of selective and potent Carbazole-based butyrylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2018</b> , 26, 4952-4962	3.4	9
140	New 6-amino-pyrido[2,3-d]pyrimidine-2,4-diones as novel agents to treat type 2 diabetes: A simple and efficient synthesis, $\alpha$ -glucosidase inhibition, molecular modeling and kinetic study. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 155, 353-363	6.8	53
139	Synthesis of New Benzimidazole-1,2,3-triazole Hybrids as Tyrosinase Inhibitors. <i>Chemistry and Biodiversity</i> , <b>2018</b> , 15, e1800120	2.5	29
138	Synthesis, evaluation, and molecular docking studies of aryl urea-triazole-based derivatives as anti-urease agents. <i>Archiv Der Pharmazie</i> , <b>2018</b> , 351, e1800005	4.3	13

137	Novel tetrahydrocarbazole benzyl pyridine hybrids as potent and selective butryl cholinesterase inhibitors with neuroprotective and $\beta$ secretase inhibition activities. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 155, 49-60	6.8	18
136	Efficient copper-catalyzed synthesis of 2-arylbenzimidazole derivatives by reaction of 1-fluoro-2-nitrobenzene with benzamidine hydrochlorides. <i>Chemistry of Heterocyclic Compounds</i> , <b>2018</b> , 54, 351-354	1.4	4
135	Synthesis and Characterization of Novel Phthalimide-pyrano[3,2-c]chromene and Phthalimide-pyrano-2-one Hybrids. <i>Journal of Heterocyclic Chemistry</i> , <b>2018</b> , 55, 1678-1684	1.9	2
134	Design, synthesis, docking study, $\alpha$ -glucosidase inhibition, and cytotoxic activities of acridine linked to thioacetamides as novel agents in treatment of type 2 diabetes. <i>Bioorganic Chemistry</i> , <b>2018</b> , 80, 288-295	5.1	41
133	Synthesis of Novel Tacrine Analogs as Acetylcholinesterase Inhibitors. <i>Journal of Heterocyclic Chemistry</i> , <b>2017</b> , 54, 384-390	1.9	13
132	New tacrine-derived AChE/BuChE inhibitors: Synthesis and biological evaluation of 5-amino-2-phenyl-4H-pyrano[2,3-b]quinoline-3-carboxylates. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 128, 237-246	6.8	29
131	Synthesis of novel chromenones linked to 1,2,3-triazole ring system: Investigation of biological activities against Alzheimer's disease. <i>Bioorganic Chemistry</i> , <b>2017</b> , 70, 86-93	5.1	42
130	A green and efficient synthesis of 2-thioxoquinazolinone derivatives in water using potassium thiocyanate. <i>Journal of Sulfur Chemistry</i> , <b>2017</b> , 38, 519-529	2.3	3
129	Design, synthesis, molecular modeling and anticholinesterase activity of benzylidene-benzofuran-3-ones containing cyclic amine side chain. <i>Future Medicinal Chemistry</i> , <b>2017</b> , 9, 659-671	4.1	32
128	Synthesis, docking study and neuroprotective effects of some novel pyrano[3,2-c]chromene derivatives bearing morpholine/phenylpiperazine moiety. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 3980-3988	3.4	26
127	An efficient four-component reaction for the synthesis of chromeno[4,3-b]quinolone derivatives. <i>Journal of the Iranian Chemical Society</i> , <b>2017</b> , 14, 771-775	2	15
126	Multifunctional iminochromene-2H-carboxamide derivatives containing different aminomethylene triazole with BACE1 inhibitory, neuroprotective and metal chelating properties targeting Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 141, 690-702	6.8	46
125	Synthesis of novel derivatives of chromenone bearing an $N$ -carbamothioyl moiety as soybean 15-LOX inhibitors. <i>Turkish Journal of Chemistry</i> , <b>2017</b> , 41, 335-344	1	0
124	Appel reagent as novel promoter for the synthesis of polysubstituted imidazoles. <i>Arkivoc</i> , <b>2017</b> , 2017, 343-352	0.9	1
123	Synthesis and cytotoxicity of novel thioxo-quinazolino[3,4- $a$ ]quinazolinones. <i>Turkish Journal of Chemistry</i> , <b>2017</b> , 41, 125-134	1	2
122	Cu(II)- $\beta$ -cyclodextrin-catalyzed synthesis of spiro[indoline-3,4'-pyrano[3,2-c]chromene]-3'-carbonitrile derivatives. <i>Synthetic Communications</i> , <b>2017</b> , 47, 2324-2329	1.7	15
121	An efficient approach to the synthesis of coumarin-fused dihydropyridinones. <i>Heterocyclic Communications</i> , <b>2017</b> , 23,	1.7	3
120	Improvement of the Van Leusen reaction in the presence of $\beta$ -cyclodextrin: a green and efficient synthesis of oxazoles in water. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2017</b> , 72, 923-926	1	5

119	Discovery of imidazopyridines containing isoindoline-1,3-dione framework as a new class of BACE1 inhibitors: Design, synthesis and SAR analysis. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 138, 729-737	6.8	32
118	A simple one-pot synthesis of 2,4-diaryl-9H-pyrido[2,3-b]indoles under solvent-free conditions. <i>Heterocyclic Communications</i> , <b>2017</b> , 23,	1.7	2
117	An efficient access to 2,3-diarylimidazo[1,2-a]pyridines via silver(I)-catalyzed C-H bond functionalization. <i>Monatshefte Für Chemie</i> , <b>2017</b> , 148, 1817-1821	1.4	2
116	A review on tacrine-based scaffolds as multi-target drugs (MTDLs) for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 128, 332-345	6.8	104
115	Novel tacrine-1,2,3-triazole hybrids: In vitro, in vivo biological evaluation and docking study of cholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 125, 1200-1212	6.8	64
114	Synthesis and biological evaluation of novel imidazopyrimidin-3-amines as anticancer agents. <i>Chemical Biology and Drug Design</i> , <b>2017</b> , 89, 797-805	2.9	9
113	Synthesis and anticholinesterase activity of new substituted benzo[d]oxazole-based derivatives. <i>Chemical Biology and Drug Design</i> , <b>2017</b> , 89, 783-789	2.9	17
112	Copper-catalyzed four-component synthesis of imidazo[1,2-a]pyridines via sequential reductive amination, condensation, and cyclization. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 121-124	2	21
111	An efficient, four-component reaction for the synthesis of novel carbamodithioates. <i>Journal of Sulfur Chemistry</i> , <b>2017</b> , 38, 43-51	2.3	3
110	Synthesis of Thiazolone Derivatives as Novel Soybean 15-LOX Inhibitors. <i>Letters in Organic Chemistry</i> , <b>2017</b> , 14, 186-191	0.6	3
109	Novel Indole-Isoxazole Hybrids: Synthesis and In Vitro Anti-Cholinesterase Activity. <i>Letters in Drug Design and Discovery</i> , <b>2017</b> , 14,	0.8	7
108	Ionic liquid-functionalized magnetic nanostructures as an efficient catalyst for the synthesis of 6H-chromeno[4,3-b]quinolin-6-ones. <i>Molecular Diversity</i> , <b>2017</b> , 21, 597-609	3.1	25
107	Sulfonic Acid Supported Phosphonium Based Ionic Liquid Functionalized SBA-15 for the Synthesis of 2-Amino-3-cyano-4,6-diarylpyridines. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2016</b> , 46, 306-310		3
106	2-Imino 2H-chromene and 2-(phenylimino) 2H-chromene 3-aryl carboxamide derivatives as novel cytotoxic agents: synthesis, biological assay, and molecular docking study. <i>Journal of the Iranian Chemical Society</i> , <b>2016</b> , 13, 2163-2171	2	16
105	Synthesis and anti-acetylcholinesterase activity of benzotriazinone-triazole systems. <i>Journal of Chemical Sciences</i> , <b>2016</b> , 128, 1445-1449	1.8	8
104	One-pot synthesis of oxoisoindoline-1,2,3-triazole hybrid by a Ugi-lick reaction. <i>Synthetic Communications</i> , <b>2016</b> , 46, 1708-1712	1.7	7
103	Quinoline-based imidazole-fused heterocycles as new inhibitors of 15-lipoxygenase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 205-209	5.6	8
102	Novel Tacrine-Based Pyrano[3',4':5,6]pyrano[2,3-b]quinolinones: Synthesis and Cholinesterase Inhibitory Activity. <i>Archiv Der Pharmazie</i> , <b>2016</b> , 349, 915-924	4.3	16

101	Synthesis of Novel Pyrazino[2,1-a]isoindole-1-one Derivatives via Intramolecular Hydroamination of 2,3-Dihydro-3-oxo-2-(prop-2-yn-1-yl)-1H-isoindole-1-carboxamides. <i>Helvetica Chimica Acta</i> , <b>2016</b> , 99, 187-190	2	190	6
100	Synthesis and Cytotoxic Evaluation of Novel 1,2,3-Triazole-4-Linked (2E,6E)-2-Benzylidene-6-(4-nitrobenzylidene)cyclohexanones. <i>Helvetica Chimica Acta</i> , <b>2016</b> , 99, 175-180	2	180	3
99	Design and synthesis of novel anti-Alzheimer's agents: Acridine-chromenone and quinoline-chromenone hybrids. <i>Bioorganic Chemistry</i> , <b>2016</b> , 67, 84-94	5.1		47
98	Synthesis of novel fused quinazolinone derivatives. <i>Molecular Diversity</i> , <b>2016</b> , 20, 677-85	3.1		10
97	Synthesis of Novel Phthalazino[1,2-b]quinazolinone Derivatives: Efficient and Practical Reaction of 2-Amino-N <sup>1</sup> -Arylbenzohydrazides and 2-Formylbenzoic Acids. <i>Helvetica Chimica Acta</i> , <b>2016</b> , 99, 539-542	2	542	6
96	A Novel Copper-Catalyzed Preparation of Pyrido[1,2-a]pyrimidine Derivatives. <i>Synlett</i> , <b>2016</b> , 27, 1359-1362	2	1362	3
95	Synthesis of Novel Isoindolo[2,1-a]quinazolinone Derivatives Containing a 1,2,3-Triazole Ring System. <i>Helvetica Chimica Acta</i> , <b>2016</b> , 99, 37-40	2		10
94	Efficient three-step synthesis of benzo[e]imidazo[1,2-c][1,2,3]triazines. <i>Synthetic Communications</i> , <b>2016</b> , 46, 563-567	1.7		8
93	Design, synthesis, and biological evaluation of new series of 2-amido-1,3,4-thiadiazole derivatives as cytotoxic agents. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2016</b> , 71, 205-210	1	210	5
92	Iodine-Mediated Synthesis of Novel Pyrazole Derivatives. <i>Synthesis</i> , <b>2016</b> , 48, 541-546	2.9		7
91	Design, synthesis, pharmacological evaluation, and docking study of new acridone-based 1,2,4-oxadiazoles as potential anticonvulsant agents. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 112, 91-98	6.8		55
90	Copper supported $\beta$ -cyclodextrin grafted magnetic nanoparticles as an efficient recyclable catalyst for one-pot synthesis of 1-benzyl-1H-1,2,3-triazole derivatives via click reaction. <i>RSC Advances</i> , <b>2016</b> , 6, 28838-28843	3.7		25
89	Synthesis and Evaluation of Novel Quinazolinone-1,2,3-Triazoles as Inhibitors of Lipoygenase. <i>Journal of Chemical Research</i> , <b>2016</b> , 40, 188-191	0.6		12
88	1,2,3-Triazole-Isoxazole Based Acetylcholinesterase Inhibitors: Synthesis, Biological Evaluation and Docking Study. <i>Letters in Drug Design and Discovery</i> , <b>2016</b> , 14, 58-65	0.8		18
87	A novel and efficient synthesis of 2-substituted quinazolin-4(3H)-ones by the reaction of (het)arylmethanamines with isatoic anhydride. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 3770-3772	2		11
86	Transition-Metal-Catalyzed Acyloxylation: Activation of C(sp <sup>2</sup> ) and C(sp <sup>3</sup> ) Bonds. <i>European Journal of Organic Chemistry</i> , <b>2016</b> , 2016, 3282-3299	3.2		66
85	CuBr/Et <sub>3</sub> N-Promoted Reactions of 2-Aminobenzamides and Isothiocyanates: Efficient Synthesis of Novel Quinazolin-4(3H)-ones. <i>Helvetica Chimica Acta</i> , <b>2016</b> , 99, 378-383	2		6
84	Hetero-annulated coumarins as new AChE/BuChE inhibitors: synthesis and biological evaluation. <i>Medicinal Chemistry Research</i> , <b>2016</b> , 25, 1831-1841	2.2		11

83	Phthalimide-Derived N-Benzylpyridinium Halides Targeting Cholinesterases: Synthesis and Bioactivity of New Potential Anti-Alzheimer's Disease Agents. <i>Archiv Der Pharmazie</i> , <b>2016</b> , 349, 293-301	4.3	17
82	Efficient Synthesis of Polyfunctionalized Pyrimidine Derivatives. <i>Synlett</i> , <b>2016</b> , 27, 1689-1692	2.2	3
81	Synthesis and cytotoxicity of novel chromenone derivatives bearing 4-nitrophenoxy phenyl acryloyl moiety. <i>Journal of the Iranian Chemical Society</i> , <b>2016</b> , 13, 1139-1144	2	2
80	Synthesis of novel 1,2,3-triazole derivatives of 2,3-dihydroquinazolin-4(1H)-one. <i>Monatshefte Für Chemie</i> , <b>2016</b> , 147, 2151-2156	1.4	2
79	Three-component one-pot synthesis of dihydrochromeno[4,3-b]pyrazolo[4,3-e]pyridines. <i>Heterocyclic Communications</i> , <b>2016</b> , 22,	1.7	6
78	Synthesis and biological evaluation of 1,3,4,5-tetrasubstituted pyrazole derivatives. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2016</b> , 71, 973-977	1	3
77	Palladium-Catalyzed Regioselective Direct Cyanation of Acetanilide Derivatives with K <sub>4</sub> [Fe(CN) <sub>6</sub> ] by C-H Bond Activation. <i>European Journal of Organic Chemistry</i> , <b>2016</b> , 2016, 4269-4274	3.2	9
76	Potent acetylcholinesterase inhibitors: design, synthesis, biological evaluation, and docking study of acridone linked to 1,2,3-triazole derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 92, 799-806	6.8	74
75	Combined isocyanide-based multi-component Ullmann-type reaction: an efficient access to novel nitrogen-containing pentacyclic compounds. <i>Molecular Diversity</i> , <b>2015</b> , 19, 797-805	3.1	18
74	Design, synthesis, in vitro cytotoxic activity evaluation, and apoptosis-induction study of new 9(10H)-acridinone-1,2,3-triazoles. <i>Molecular Diversity</i> , <b>2015</b> , 19, 787-95	3.1	36
73	Efficient multi-component synthesis of 1,4-benzodiazepine-3,5-diones: a Petasis-based approach. <i>Tetrahedron</i> , <b>2015</b> , 71, 6272-6275	2.4	30
72	Efficient Synthesis of 2-Methylenethiazolo[2,3-b]quinazolinone Derivatives. <i>Synlett</i> , <b>2015</b> , 26, 173-176	2.2	11
71	Synthesis of novel 5-arylidene (thio)barbituric acid and evaluation of their urease inhibitory activity. <i>Journal of the Iranian Chemical Society</i> , <b>2015</b> , 12, 1487-1491	2	11
70	Synthesis and anticancer activity of N-substituted 2-arylquinazolinones bearing trans-stilbene scaffold. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 95, 492-9	6.8	54
69	A Highly Efficient Method for the Synthesis of Novel 1 <sup>H</sup> -spiro[indene-2,2'-quinazoline]-1,3,4-(3 <sup>H</sup> )-trione Derivatives. <i>Journal of Chemical Research</i> , <b>2015</b> , 39, 495-498	0.6	7
68	N-(2-(Piperazin-1-yl)phenyl)arylamide Derivatives as BACE1 Inhibitors: Simple Synthesis by Ugi Four-Component Reaction and Biological Evaluation. <i>Archiv Der Pharmazie</i> , <b>2015</b> , 348, 330-7	4.3	19
67	Synthesis and Evaluation of Chroman-4-One Linked to N-Benzyl Pyridinium Derivatives as New Acetylcholinesterase Inhibitors. <i>Archiv Der Pharmazie</i> , <b>2015</b> , 348, 643-9	4.3	18
66	Synthesis of Novel 1,2,3-Triazole-dihydro[3,2-c]chromenones as Acetylcholinesterase Inhibitors. <i>Synthetic Communications</i> , <b>2015</b> , 45, 2311-2318	1.7	24

65	Straightforward Approach Toward Dihydrothiazoles via Intramolecular Bromocyclization. <i>Synthetic Communications</i> , <b>2015</b> , 45, 2142-2147	1.7	4
64	Synthesis and structure-activity relationship study of benzofuran-based chalconoids bearing benzylpyridinium moiety as potent acetylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 103, 361-9	6.8	40
63	Sulfamic acid-functionalized hydroxyapatite-encapsulated $\text{Fe}_2\text{O}_3$ nanoparticles as a magnetically recoverable catalyst for synthesis of N-fused imidazole-quinoline conjugates under solvent-free conditions. <i>RSC Advances</i> , <b>2015</b> , 5, 83530-83537	3.7	13
62	Experimental and computational evidence for KOT-Bu-promoted synthesis of oxopyrazino[1,2-a]indoles. <i>RSC Advances</i> , <b>2015</b> , 5, 101353-101361	3.7	16
61	Synthesis of new benzo[F]imidazo[1,2-d][1,4]oxazepines: $\text{AgNO}_3$ -mediated intramolecular hydroamination. <i>Tetrahedron Letters</i> , <b>2015</b> , 56, 7082-7084	2	15
60	Simple and efficient syntheses of novel benzo[4,5]imidazo[1,2-a]pyridine derivatives. <i>Tetrahedron Letters</i> , <b>2015</b> , 56, 743-746	2	17
59	Synthesis of Novel 2-Oxoquinoline Derivatives via Ugi-Four-Component-Heck Reaction. <i>Journal of Heterocyclic Chemistry</i> , <b>2015</b> , 52, 386-391	1.9	6
58	Synthesis and Cytotoxic Activity of Some Novel Dihydrobenzo[h]pyrano[3,2-c]chromene Derivatives. <i>Journal of Heterocyclic Chemistry</i> , <b>2015</b> , 52, 97-104	1.9	10
57	Efficient Synthesis of Novel Thiazol-2-ylidene-amides Using Carbonylthiourea Building Blocks. <i>Journal of Heterocyclic Chemistry</i> , <b>2015</b> , 52, 1150-1153	1.9	3
56	Synthesis and Evaluation of Coumarin-Besveratrol Hybrids as 15-Lipoxygenase Inhibitors. <i>Synthetic Communications</i> , <b>2015</b> , 45, 741-749	1.7	22
55	Synthesis and evaluation of novel oxoisindoline derivatives as acetylcholinesterase inhibitors. <i>Monatshefte für Chemie</i> , <b>2015</b> , 146, 637-643	1.4	17
54	Synthesis and In Vitro Cytotoxic Activity of Novel Triazole-Isoxazole Derivatives. <i>Journal of Heterocyclic Chemistry</i> , <b>2015</b> , 52, 1743-1747	1.9	12
53	Design, Synthesis, Biological Evaluation, and Docking Study of Acetylcholinesterase Inhibitors: New Acridone-1,2,4-oxadiazole-1,2,3-triazole Hybrids. <i>Chemical Biology and Drug Design</i> , <b>2015</b> , 86, 1425-32	2.9	50
52	Novel 1,2,3,4-Tetrahydroquinazolinones via Reaction of 2-Amino-N-substituted Benzamides and Dimethyl Acetylenedicarboxylate. <i>Helvetica Chimica Acta</i> , <b>2015</b> , 98, 1028-1033	2	9
51	Synthesis, antileishmanial activity and QSAR study of (1,3,4-thiadiazol-2-ylthio) acetamides derived from 5-nitrofur. <i>Medicinal Chemistry Research</i> , <b>2015</b> , 24, 891-900	2.2	5
50	Benzofuran-derived benzylpyridinium bromides as potent acetylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 93, 196-201	6.8	49
49	Synthesis and cytotoxic activity of novel poly-substituted imidazo[2,1-c][1,2,4]triazin-6-amines. <i>Molecular Diversity</i> , <b>2015</b> , 19, 273-81	3.1	16
48	Convenient and sequential one-pot route for synthesis of 2-thioxoquinazolinone and quinazolinobenzothiazinedione derivatives. <i>Monatshefte für Chemie</i> , <b>2014</b> , 145, 497-504	1.4	11



47	Synthesis of novel 5-phenylimidazo[1,2-c]quinazolin-3-amine derivatives via Groebke-Blackburn-Bienaym multicomponent reaction. <i>Monatshefte für Chemie</i> , <b>2014</b> , 145, 1483-1487	1.4	13
46	A solvent-free reaction between acetophenone oximes and epoxy styrenes: an efficient synthesis of 2,4,6-triarylpyridines under neutral conditions. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 3844-3846	2	19
45	Synthesis of novel indolo[2,3-c]quinolinones via Ugi-4CR/palladium-catalyzed arylation. <i>Tetrahedron</i> , <b>2014</b> , 70, 3931-3934	2.4	13
44	A novel and efficient route for the synthesis of 5-nitrobenzo[d]oxazole derivatives. <i>Journal of Fluorine Chemistry</i> , <b>2014</b> , 161, 83-86	2.1	3
43	Green and Catalyst-Free One-Pot Synthesis of Anthranilamide Schiff Bases: An Approach Toward Sirtinol. <i>Synthetic Communications</i> , <b>2014</b> , 44, 665-673	1.7	8
42	Imidazo[2,1-b]thiazole derivatives as new inhibitors of 15-lipoxygenase. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 87, 759-64	6.8	26
41	Efficient and Ecofriendly Route for the Solvent-Free Synthesis of 4-Alkoxy-5H-chromen[2,3-d]pyrimidines Using Phosphonic Acid Functionalized KIT-6 Confined Ionic Liquid as Recoverable Catalyst. <i>Synthetic Communications</i> , <b>2014</b> , 44, 2826-2837	1.7	3
40	Synthesis, in vitro cytotoxicity and apoptosis inducing study of 2-aryl-3-nitro-2H-chromene derivatives as potent anti-breast cancer agents. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 86, 562-9	6.8	75
39	Palladium catalyst supported on N-aminoguanidine functionalized magnetic graphene oxide as a robust water-tolerant and versatile nanocatalyst. <i>RSC Advances</i> , <b>2014</b> , 4, 48613-48620	3.7	37
38	Vilsmeier Reagent: An Efficient Reagent for the Transformation of 2-Aminobenzamides into Quinazolin-4(3H)-one Derivatives. <i>Synthetic Communications</i> , <b>2014</b> , 44, 481-487	1.7	21
37	Cu cross-coupling reaction catalysed by efficient and reusable CuO/SiO <sub>2</sub> nanoparticles under ligand-free conditions. <i>Applied Organometallic Chemistry</i> , <b>2014</b> , 28, 809-813	3.1	18
36	Efficient Solvent-Free Synthesis of Benzothiazine-Fused Pyrrolo[3,4-c]coumarins: Cycloaddition Reactions between Coumarin-Based Dihydrobenzothiazoles and Isocyanides. <i>Helvetica Chimica Acta</i> , <b>2014</b> , 97, 847-853	2	10
35	Synthesis, biological evaluation and docking study of 3-aryl-1-(4-sulfamoylphenyl)thiourea derivatives as 15-lipoxygenase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 82, 308-13	6.8	43
34	An Efficient Synthesis of Novel Dihydrothiazol-2-yl-amides via Cyclisation of Propargylic Carbamothioyl-amides. <i>Journal of Chemical Research</i> , <b>2014</b> , 38, 131-133	0.6	4
33	Potassium tert-Butoxide Promoted Intramolecular Amination of 1-Aryl-2-(2-nitrobenzylidene)hydrazines: Efficient Synthesis of 1-Aryl-1H-indazoles. <i>Synlett</i> , <b>2014</b> , 25, 2605-2608	2.2	12
32	An Efficient Synthesis of 2,4,6-Triarylpyridines via Solvent-Free Reaction between Acetophenoneoximes and Aldehydes. <i>Synlett</i> , <b>2014</b> , 25, 1299-1301	2.2	10
31	Novel Four-Step Synthesis of Thioxo-quinazolino[3,4-a]quinazolinone Derivatives. <i>Synthetic Communications</i> , <b>2014</b> , 44, 215-221	1.7	22
30	Synthesis of Novel Benzo[6,7][1,4]oxazepino[4,5-a]quinazolinone Derivatives via Transition-Metal-Free Intramolecular Hydroamination. <i>Synlett</i> , <b>2014</b> , 25, 385-388	2.2	23

29	Synthesis and Biological Investigation of some Novel Sulfonamide and Amide Derivatives Containing Coumarin Moieties. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2014</b> , 13, 881-92	1.1	16
28	Synthesis of novel fused 4,5-dihydro-1,2,3-triazolo[1,5-a][1,4]benzodiazepine derivatives via four-component Ugi-Bmiles-type reaction. <i>Tetrahedron</i> , <b>2013</b> , 69, 3506-3510	2.4	50
27	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. <i>Helvetica Chimica Acta</i> , <b>2013</b> , 96, 419-423	2.3	14
26	Green Synthesis of New Boron-Containing Quinazolines: Preparation of Benzo[d][1,3,2]diazaborinin-4(1H)-one Derivatives. <i>Synthetic Communications</i> , <b>2013</b> , 43, 2936-2942	1.7	17
25	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. <i>Synthetic Communications</i> , <b>2013</b> , 43, 2385-2392	1.7	26
24	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. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 50, 124-8	6.8	58
23	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. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 3448-3451	2	29
22	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. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 7088-7092	2	25
21	Large-scale virtual screening for the identification of new Helicobacter pylori urease inhibitor scaffolds. <i>Journal of Molecular Modeling</i> , <b>2012</b> , 18, 2917-27	2	50
20	Synthesis of Novel 1,4-Benzodiazepine-3,5-dione Derivatives: Reaction of 2-Aminobenzamides under Bargellini Reaction Conditions. <i>Synlett</i> , <b>2012</b> , 23, 2521-2525	2.2	32
19	One-Pot, Four-Component Synthesis of Novel Imidazo[2,1-b]thiazol-5-amine Derivatives. <i>Synthesis</i> , <b>2012</b> , 44, 3649-3654	2.9	26
18	Solvent-Free Reaction between Anthranilic Acids and Isocyanides: A Novel Approach for the Synthesis of 2-Unsubstituted 4(3H)-Quinazolinones. <i>Synlett</i> , <b>2011</b> , 2011, 834-836	2.2	11
17	An efficient one-pot synthesis of 3-aryl-1,2,4-oxadiazol-5-amines under solvent-free conditions. <i>Mendeleev Communications</i> , <b>2010</b> , 20, 50-51	1.9	9
16	Reaction between anthranilic acids, salicylaldehydes and isocyanides in water: an efficient synthesis of 2-[[2-(alkylimino)-1-benzofuran-3-ylidene]amino]benzoic acids. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 27-29	2	9
15	Synthesis of Two Novel 3-Amino-5-[4-chloro-2-phenoxyphenyl]-4H-1,2,4-triazoles with Anticonvulsant Activity. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2010</b> , 9, 265-9	1.1	15
14	An Efficient and Direct Solvent-Free Synthesis of Naphtho[1,2-b]furans, Naphtho[2,1-b]furans, and Furo[3,2-c]chromenes. <i>Synlett</i> , <b>2009</b> , 2009, 2542-2544	2.2	13
13	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. <i>Monatshefte Für Chemie</i> , <b>2009</b> , 140, 1489-1494	1.4	22
12	Reaction between isocyanides and nitrostyrenes in water: a novel and efficient synthesis of 5-(alkylamino)-4-aryl-3-isoxazolecarboxamides. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 7246-7248	2	20

11	Highly Efficient Synthesis of 14-Aryl-14H-dibenzo[a,j]xanthenes Catalyzed by Carbon-Based Solid Acid Under Solvent-Free Conditions. <i>Synthetic Communications</i> , <b>2009</b> , 39, 4328-4340	1.7	6
10	Catalyst-free three-component reaction between 2-aminopyridines (or 2-aminothiazoles), aldehydes, and isocyanides in water. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 7263-7265	2	95
9	A Novel, One-Pot, Three-Component Synthesis of 1,2,4-Oxadiazoles under Microwave Irradiation and Solvent-Free Conditions. <i>Synlett</i> , <b>2006</b> , 2006, 1765-1767	2.2	32
8	Microwave-assisted efficient, one-pot, three-component synthesis of 3,5-disubstituted 1,2,4-oxadiazoles under solvent-free conditions. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 2965-2967	2	68
7	Four-Component Heterocyclization Reaction for the One-Pot Synthesis of 2,4-Dichloro-Substituted Pyrano/Furo[2,3-d]pyrimidines in an Environmentally Benign Procedure Mediated by Ceric Ammonium Nitrate in Phosphorus Ionic Liquid. <i>Polycyclic Aromatic Compounds</i> , 1-9	1.3	1
6	A review on the latest progress of C-S cross-coupling in diaryl sulfide synthesis: Update from 2012 to 2021. <i>Applied Organometallic Chemistry</i> , e6482	3.1	2
5	Design and synthesis of novel pyrazole-benzofuran hybrids: in vitro $\alpha$ -glucosidase inhibitory activity, kinetic and molecular modeling study		2
4	An Efficient and Convenient Approach for Synthesizing Iodohydrin and Iodoether from Aromatic Alkenes Using $\text{Hg}(\text{BF}_4)_2 \cdot \text{SiO}_2$ and $\text{I}_2$ . <i>Polycyclic Aromatic Compounds</i> , 1-9	1.3	0
3	Recent Advances in the Synthesis of Heterocycles by the Aza-Wittig Reaction. <i>Synthesis</i> , 53,	2.9	2
2	C1-Functionalization of 1,2,3,4-Tetrahydroisoquinolines (THIQs). <i>Asian Journal of Organic Chemistry</i> ,	3	1
1	Nickel Supported MCM-Functionalized 1,2,3-Triazol-4-ylmethanamine: An Efficient Nano-particle-Heterogeneous Catalyst Activate for Suzuki Reaction. <i>Catalysis Letters</i> , 1	2.8	0