

Mohammad

List of Publications by Year in descending order

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28
papers

640
citations

566801

15
h-index

580395

25
g-index

28
all docs

28
docs citations

28
times ranked

732
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and anti-leishmanial activity of 5-(5-nitrofur-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> , 2012, 50, 124-128.	2.6	71
2	Synthesis and anticancer activity of N-substituted 2-arylquinazolinones bearing trans-stilbene scaffold. <i>European Journal of Medicinal Chemistry</i> , 2015, 95, 492-499.	2.6	65
3	Design, synthesis and <i>in vitro</i> α -glucosidase inhibition of novel coumarin-pyridines as potent antidiabetic agents. <i>New Journal of Chemistry</i> , 2018, 42, 17268-17278.	1.4	51
4	Design, synthesis, docking study, α -glucosidase inhibition, and cytotoxic activities of acridine linked to thioacetamides as novel agents in treatment of type 2 diabetes. <i>Bioorganic Chemistry</i> , 2018, 80, 288-295.	2.0	50
5	Design, synthesis, characterization, enzymatic inhibition evaluations, and docking study of novel quinazolinone derivatives. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 1-12.	3.6	40
6	Palladium catalyst supported on N-aminoguanidine functionalized magnetic graphene oxide as a robust water-tolerant and versatile nanocatalyst. <i>RSC Advances</i> , 2014, 4, 48613-48620.	1.7	39
7	Copper supported β -cyclodextrin grafted magnetic nanoparticles as an efficient recyclable catalyst for one-pot synthesis of 1-benzyl-1H-1,2,3-triazolidibenzodiazepinone derivatives via click reaction. <i>RSC Advances</i> , 2016, 6, 28838-28843.	1.7	32
8	New Biscoumarin Derivatives as Potent α -Glucosidase Inhibitors: Synthesis, Biological Evaluation, Kinetic Analysis, and Docking Study. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 915-926.	1.4	29
9	Reaction of Isatoic Anhydride, Amine, and <i>N,N</i> -Dialkyl Carbodiimides Under Solvent-Free Conditions: New and Efficient Synthesis of 3-Alkyl-2-(alkylamino)quinazolin-4(3 <i>H</i>)-ones. <i>Synthetic Communications</i> , 2013, 43, 2385-2392.	1.1	27
10	Copper supported β -cyclodextrin functionalized magnetic nanoparticles: Efficient multifunctional catalyst for one-pot green™ synthesis of 1,2,3-triazolylquinazolinone derivatives. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4212.	1.7	27
11	Synthesis and characterization of $\text{Fe}_2\text{O}_3 @ \text{SiO}_2$ (CH ₂) ₃ PDTC Pd magnetic nanoparticles: a new and highly active catalyst for the Heck/Sonogashira coupling reactions. <i>New Journal of Chemistry</i> , 2019, 43, 8930-8938.	1.4	26
12	CuBr catalysed one-pot multicomponent synthesis of 3-substituted 2-thioxo-2,3-dihydroquinazolin-4(1 <i>H</i>)-one derivatives. <i>Applied Organometallic Chemistry</i> , 2019, 33, 174635.	1.7	20
13	α -Glucosidase and α -amylase inhibition, molecular modeling and pharmacokinetic studies of new quinazolinone-1,2,3-triazole-acetamide derivatives. <i>Medicinal Chemistry Research</i> , 2021, 30, 702-711.	1.1	18
14	Synthesis of novel indolo[2,3- <i>c</i>]quinolinones via Ugi-4CR/palladium-catalyzed arylation. <i>Tetrahedron</i> , 2014, 70, 3931-3934.	1.0	17
15	Cu(II)- β -cyclodextrin-catalyzed synthesis of spiro[indoline-3,4-pyrano[3,2- <i>c</i>]chromene]-3-carbonitrile derivatives. <i>Synthetic Communications</i> , 2017, 47, 2324-2329.	1.1	17
16	Mo(CO) ₆ assisted Pd supported magnetic graphene oxide catalyzed carbonylation-cyclization as an efficient way for the synthesis of 4(3 <i>H</i>)-quinazolinones. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4769.	1.7	14
17	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> , 2020, 56, 488-494.	0.6	14
18	Efficient Synthesis of 2-Methylenethiazolo[2,3- <i>b</i>]quinazolinone Derivatives. <i>Synlett</i> , 2015, 26, 173-176.	1.0	13

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19	The use of magnetic starch as a support for an ionic liquid- β -cyclodextrin based catalyst for the synthesis of imidazothiadiazolamine derivatives. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 453-461.	3.6	13
20	Efficient One Pot Synthesis of Phenylimidazo[1,2-a]pyridine Derivatives using Multifunctional Copper Catalyst Supported on β -Cyclodextrin Functionalized Magnetic Graphene oxide. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5913.	1.7	13
21	Palladium supported aminobenzamide modified silica coated superparamagnetic iron oxide as an applicable nanocatalyst for Heck cross-coupling reaction. <i>Journal of Organometallic Chemistry</i> , 2021, 936, 121711.	0.8	11
22	Copper Supported onto Magnetic Nanoparticles as an Efficient Catalyst for the Synthesis of Triazolobenzodiazepino[7,1-b]quinazolin-1(9H)-ones via Click N-Arylation Reactions. <i>ChemistrySelect</i> , 2021, 6, 1385-1392.	0.7	9
23	Benzoylquinazolinone derivatives as new potential antidiabetic agents: β -Glucosidase inhibition, kinetic, and docking studies. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 856-863.	0.8	8
24	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> , 2021, 47, 4101-4112.	1.3	5
25	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> , 2019, 55, 964-967.	0.6	4
26	Design, synthesis and antibacterial activity evaluation of novel 2-(4-((1-arylamino)ethyl)phenyl)ethylamine derivatives. <i>Journal of Chemical Research</i> , 2020, 57, 4254-4261.	1.4	3
27	β -Fe ₂ O ₃ @SiO ₂ (CH ₂) ₃ -HPBM-Pd as a versatile boosted nanocatalyst for carbon-carbon bond formation. <i>Materials Today Communications</i> , 2021, 26, 101913.	0.9	3
28	2,4-Dioxochroman Moiety Linked to 1,2,3-triazole Derivatives as Novel β -glucosidase Inhibitors: Synthesis, In vitro Biological Evaluation, and Docking Study. <i>Current Organic Chemistry</i> , 2020, 24, 2019-2027.	0.9	1