

Reza Mohammadian

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

416
citations

687363

13
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

370
citing authors

#	ARTICLE	IF	CITATIONS
1	The status of isocyanide-based multi-component reactions in Iran (2010–2018). <i>Molecular Diversity</i> , 2021, 25, 1145-1210.	3.9	15
2	Catalytic stereoselective Mannich-type reactions for construction of fluorinated compounds. <i>Molecular Diversity</i> , 2021, , 1.	3.9	0
3	Cu-decorated cellulose through a three-component Betti reaction: An efficient catalytic system for the synthesis of 1,3,4-oxadiazoles via imine C H functionalization of N-acylhydrazones. <i>Carbohydrate Polymers</i> , 2021, 265, 118067.	10.2	15
4	A green, reusable and remarkable catalyst for selective aerobic oxidation of alcohols: Construction of Cu(BDC) on the surface of carboxymethyl cellulose fiber. <i>Materials Today Communications</i> , 2021, 28, 102502.	1.9	3
5	An efficient pseudo-seven component reaction for the synthesis of fully-substituted furans containing pseudopeptide based on the union of multicomponent reactions. <i>Tetrahedron Letters</i> , 2020, 61, 151408.	1.4	20
6	Thiourea-functionalized MIL-101(Cr) metal-organic framework as a hydrogen-bond-donating heterogeneous organocatalyst for the Friedel-Crafts alkylation and Biginelli reactions. <i>Catalysis Communications</i> , 2020, 136, 105905.	3.3	20
7	Synthesis of Defect-Engineered Homochiral Metal-Organic Frameworks Using <i>l</i> -Proline: A Comprehensive Study of Chiral Catalyst Performance in CO ₂ Fixation Reaction. <i>ChemistrySelect</i> , 2020, 5, 10346-10354.	1.5	10
8	Cyclic Imines in Ugi and Ugi-Type Reactions. <i>ACS Combinatorial Science</i> , 2020, 22, 361-400.	3.8	52
9	Preparation of Fe ₃ O ₄ @SiO ₂ @Tannic acid double core-shell magnetic nanoparticles via the Ugi multicomponent reaction strategy as a pH-responsive co-delivery of doxorubicin and methotrexate. <i>Materials Chemistry and Physics</i> , 2020, 247, 122857.	4.0	42
10	Multi-component reaction-functionalized chitosan complexed with copper nanoparticles: An efficient catalyst toward A ³ coupling and click reactions in water. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5074.	3.5	31
11	Rhodanine-Furan Bis-Heterocyclic Frameworks Synthesis via Green One-Pot Sequential Six-Component Reactions: A Synthetic and Computational Study. <i>ChemistrySelect</i> , 2019, 4, 11893-11898.	1.5	20
12	Facile preparation of pH-responsive κ -Carrageenan/tramadol loaded UiO-66 bio-nanocomposite hydrogel beads as a nontoxic oral delivery vehicle. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101311.	3.0	39
13	Vitamin C as a green and robust catalyst for the fast and efficient synthesis of valuable organic compounds via multi-component reactions in water. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1793-1800.	2.2	14
14	Multitask Guanidinium Bromide Functionalized Metal-Organic Framework in Chemical Fixation of CO ₂ at Low Pressure and Temperature. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 2784-2791.	3.7	18
15	Iron-Decorated, Guanidine Functionalized Metal-Organic Framework as a Non-heme Iron-Based Enzyme Mimic System for Catalytic Oxidation of Organic Substrates. <i>Catalysis Letters</i> , 2019, 149, 1237-1249.	2.6	28
16	Amine-functionalized MIL-101(Cr) embedded with Co(II) phthalocyanine as a durable catalyst for one-pot tandem oxidative A ³ coupling reactions of alcohols. <i>New Journal of Chemistry</i> , 2018, 42, 4167-4174.	2.8	32
17	Metal-organic frameworks as a new platform for molecular oxygen and aerobic oxidation of organic substrates: Recent advances. <i>Polyhedron</i> , 2018, 156, 174-187.	2.2	14
18	Vitamin B ₁₂ supported on graphene oxide: As a bio-based catalyst for selective aerobic oxidation of alcohols. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4510.	3.5	9

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19	Zirconium Metal-Organic Framework (UiO-66) as a Robust Catalyst toward Solvent-Free Synthesis of Remarkable Heterocyclic Rings. <i>ChemistrySelect</i> , 2017, 2, 11906-11911.	1.5	30
20	One-Pot Synthesis of Alkyl 4-alkyl-2,8-dioxo-2H,8H-pyrano[2,3-f]chromene-10-carboxylates and Alkyl 2(E)-3-[(4-alkyl-2-oxo-2H-chromen-7-yl)oxy]acrylates. <i>Letters in Organic Chemistry</i> , 2015, 12, 50-54.	0.5	3
21	Three-Component Reactions of 7-Hydroxy Coumarin Derivatives, Acetylenic Esters and Aromatic Aldehydes in the Presence of NEt ₃ . <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	1