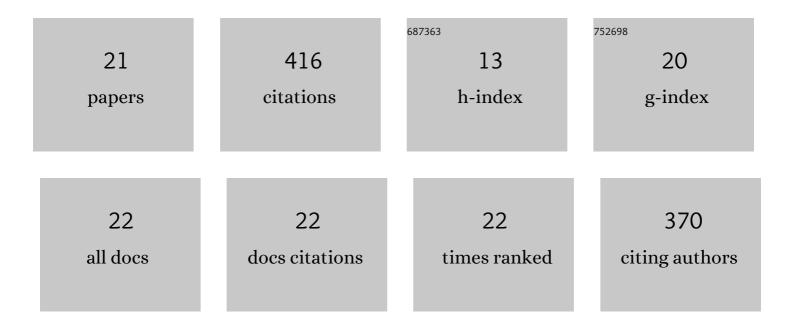
## Reza Mohammadian

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cyclic Imines in Ugi and Ugi-Type Reactions. ACS Combinatorial Science, 2020, 22, 361-400.	3.8	52
2	Preparation of Fe3O4@SiO2@Tannic acid double core-shell magnetic nanoparticles via the Ugi multicomponent reaction strategy as a pH-responsive co-delivery of doxorubicin and methotrexate. Materials Chemistry and Physics, 2020, 247, 122857.	4.0	42
3	Facile preparation of pH-responsive k-Carrageenan/tramadol loaded UiO-66 bio-nanocomposite hydrogel beads as a nontoxic oral delivery vehicle. Journal of Drug Delivery Science and Technology, 2019, 54, 101311.	3.0	39
4	Amine-functionalized MIL-101(Cr) embedded with Co( <scp>ii</scp> ) phthalocyanine as a durable catalyst for one-pot tandem oxidative A <sup>3</sup> coupling reactions of alcohols. New Journal of Chemistry, 2018, 42, 4167-4174.	2.8	32
5	Multiâ€component reactionâ€functionalized chitosan complexed with copper nanoparticles: An efficient catalyst toward A <sup>3</sup> coupling and click reactions in water. Applied Organometallic Chemistry, 2019, 33, e5074.	3.5	31
6	Zirconium Metalâ€Organic Framework (UiOâ€66) as a Robust Catalyst toward Solventâ€Free Synthesis of Remarkable Heterocyclic Rings. ChemistrySelect, 2017, 2, 11906-11911.	1.5	30
7	Iron-Decorated, Guanidine Functionalized Metal-Organic Framework as a Non-heme Iron-Based Enzyme Mimic System for Catalytic Oxidation of Organic Substrates. Catalysis Letters, 2019, 149, 1237-1249.	2.6	28
8	Rhodanineâ€Furan Bisâ€Heterocyclic Frameworks Synthesis via Green Oneâ€Pot Sequential Sixâ€Component Reactions: A Synthetic and Computational Study. ChemistrySelect, 2019, 4, 11893-11898.	1.5	20
9	An efficient pseudo-seven component reaction for the synthesis of fully-substituted furans containing pseudopeptide based on the union of multicomponent reactions. Tetrahedron Letters, 2020, 61, 151408.	1.4	20
10	Thiourea-functionalized MIL-101(Cr) metal-organic framework as a hydrogen-bond-donating heterogeneous organocatalyst for the Friedel-Crafts alkylation and Biginelli reactions. Catalysis Communications, 2020, 136, 105905.	3.3	20
11	Multitask Guanidinium Bromide Functionalized Metal–Organic Framework in Chemical Fixation of CO <sub>2</sub> at Low Pressure and Temperature. Industrial & Engineering Chemistry Research, 2019, 58, 2784-2791.	3.7	18
12	The status of isocyanide-based multi-component reactions in Iran (2010–2018). Molecular Diversity, 2021, 25, 1145-1210.	3.9	15
13	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. Carbohydrate Polymers, 2021, 265, 118067.	10.2	15
14	Metal–organic frameworks as a new platform for molecular oxygen and aerobic oxidation of organic substrates: Recent advances. Polyhedron, 2018, 156, 174-187.	2.2	14
15	Vitamin C as a green and robust catalyst for the fast and efficient synthesis of valuable organic compounds via multi-component reactions in water. Journal of the Iranian Chemical Society, 2019, 16, 1793-1800.	2.2	14
16	Synthesis of Defectâ€Engineered Homochiral Metalâ€Organic Frameworks Using <i><scp>L</scp></i> â€Amino Acids: A Comprehensive Study of Chiral Catalyst Performance in CO <sub>2</sub> Fixation Reaction. ChemistrySelect, 2020, 5, 10346-10354.	1.5	10
17	Vitamin B <sub>12</sub> supported on graphene oxide: As a bioâ€based catalyst for selective aerobic oxidation of alcohols. Applied Organometallic Chemistry, 2018, 32, e4510.	3.5	9
18	One-Pot Synthesis of Alkyl 4-alkyl-2,8-dioxo-2H,8H-pyrano[2,3-f]chromene-10-carboxylates and Alkyl 2(F)-3-[(4-alkyl-2-oxo-2H-chromen- 7-yl)oxylacrylates, Letters in Organic Chemistry, 2015, 12, 50-54	0.5	3

#	Article	IF	CITATIONS
19	A green, reusable and remarkable catalyst for selective aerobic oxidation of alcohols: Construction of Cu(BDC) on the surface of carboxymethyl cellulose fiber. Materials Today Communications, 2021, 28, 102502.	1.9	3
20	Three-Component Reactions of 7-Hydroxy Coumarin Derivatives, Acetylenic Esters and Aromatic Aldehydes in the Presence of NEt3. Journal of the Brazilian Chemical Society, 2014, , .	0.6	1
21	Catalytic stereoselective Mannich-type reactions for construction of fluorinated compounds. Molecular Diversity, 2021, , 1.	3.9	0