

Heshmatollah Sepahvand

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Preparation of trifluoroacetic acid-immobilized Fe ₃ O ₄ @SiO ₂ ‐APTES nanocatalyst for synthesis of quinolines. <i>Journal of Fluorine Chemistry</i> , 2015, 178, 219-224.	1.7	47
2	Synthesis and characterization of fluconazole-functionalized magnetic nanoparticles as a catalyst for the synthesis of 3-aryl and 3-amino-imidazo[1,2-a]pyridines. <i>RSC Advances</i> , 2015, 5, 42744-42753.	3.6	37
3	Design, preparation and characterization of Cu/GA/Fe ₃ O ₄ @SiO ₂ nanoparticles as a catalyst for the synthesis of benzodiazepines and imidazoles. <i>Applied Organometallic Chemistry</i> , 2016, 30, 414-421.	3.5	32
4	ZnCl ₂ supported on Fe ₃ O ₄ @SiO ₂ core‐shell nanocatalyst for the synthesis of quinolines <i>via</i> FriedlÄnder synthesis under solvent‐free condition. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3566.	3.5	25
5	Gold nanoparticles anchored onto covalent poly deep eutectic solvent functionalized graphene: An electrochemical aptasensor for the detection of C-reactive protein. <i>Materials Chemistry and Physics</i> , 2021, 269, 124730.	4.0	25
6	Tosylmethylisocyanide (TosMIC) [3+2] cycloaddition reactions: A facile Van Leusen protocol for the synthesis of the new class of spirooxazolines, spiropyrrolines and Chromeno[3,4-c]pyrrols. <i>Tetrahedron</i> , 2018, 74, 7058-7067.	1.9	19
7	A re-engineering approach: synthesis of pyrazolo[1,2-a]pyrazoles and pyrano[2,3-c]pyrazoles via an isocyanide-based four-component reaction under solvent-free conditions. <i>Tetrahedron Letters</i> , 2016, 57, 1435-1437.	1.4	17
8	Ciprofloxacin-functionalized magnetic silica nanoparticles: as a reusable catalyst for the synthesis of 1H-chromeno[2,3-d]pyrimidine-5-carboxamides and imidazo[1,2-a]pyridines. <i>Molecular Diversity</i> , 2019, 23, 739-749.	3.9	17
9	Tandem oxidative isocyanide-based cycloaddition reactions in the presence of MIL-101(Cr) as a reusable solid catalyst. <i>Tetrahedron</i> , 2018, 74, 1832-1837.	1.9	15
10	The magnetic graphene oxide/NHC catalyzed aerobic direct amidation and cross-dehydrogenative coupling of aldehydes. <i>New Journal of Chemistry</i> , 2019, 43, 16555-16565.	2.8	13
11	A green one-pot three-component cascade reaction: the synthesis of 2-amino-5,8-dihydro-3H-pyrido[2,3-D]pyrimidin-4-ones in aqueous medium. <i>Molecular Diversity</i> , 2017, 21, 147-153.	3.9	8
12	Biomimetic complexes‐graphene composites for redox processes. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5540.	3.5	8
13	Ammonium chloride-catalyzed green multicomponent synthesis of dihydropyrazine and tetrahydrodiazepine derivatives <i>in</i> water. <i>Molecular Diversity</i> , 2019, 23, 585-592.	3.9	7
14	Magnetic solid-phase extraction based on fluconazole-functionalized Fe ₃ O ₄ @SiO ₂ nanoparticles for the spectrophotometric determination of cationic dyes in environmental water samples. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1591-1600.	2.2	7
15	Techniques and support materials for enzyme immobilization using Ugi multicomponent reaction: an overview. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 2115-2130.	2.2	4
16	Cu-Catalyzed Oxidative-Reaction of Tosylmethylisocyanide and Benzyl Alcohols: Efficient Synthesis of 4-(tert-butylperoxy)-5-aryloxazol-2(3H)-ones and 5-Aryloxazol-2(5H)-ones. <i>Catalysis Letters</i> , 2020, 150, 2068-2075.	2.6	3