

Abbas Khoshnood

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Deep Eutectic Solvent Compatible Metallic Catalysts: Cationic Pyridiniophosphine Ligands in Palladium Catalyzed Cross-Coupling Reactions. <i>ChemCatChem</i> , 2017, 9, 1269-1275.	3.7	62
2	Aluminum tris (dodecyl sulfate) trihydrate Al(DS) ₃ ·3H ₂ O as an efficient Lewis acid-surfactant-combined catalyst for organic reactions in water. <i>Journal of Molecular Catalysis A</i> , 2007, 274, 109-115.	4.8	61
3	Novel magnetic nanoparticles with ionic liquid tags as a reusable catalyst in the synthesis of polyhydroquinolines. <i>RSC Advances</i> , 2016, 6, 82842-82853.	3.6	52
4	An efficient catalytic method for the synthesis of pyrido[2,3- <i>d</i>]pyrimidines as biologically drug candidates by using novel magnetic nanoparticles as a reusable catalyst. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4043.	3.5	38
5	Synthesis and application of melamine-based nano catalyst with phosphonic acid tags in the synthesis of (3- <i>indolyl</i>)pyrazolo[3,4- <i>b</i>]pyridines via vinylogous anomeric based oxidation. <i>Molecular Catalysis</i> , 2020, 482, 110666.	2.0	37
6	Synthesis and application of chitosan supported vanadium oxo in the synthesis of 1,4-dihydropyridines and 2,4,6-triarylpyridines via anomeric based oxidation. <i>New Journal of Chemistry</i> , 2018, 42, 12539-12548.	2.8	35
7	Dodecatungstophosphoric acid (H ₃ PW ₁₂ O ₄₀) as a highly efficient catalyst for the amidation of alcohols and protected alcohols with nitriles in water: A modified Ritter reaction. <i>Catalysis Communications</i> , 2008, 9, 529-531.	3.3	33
8	Microwave-Assisted Ring Opening of Epoxides with Pyrimidine Nucleobases: A Rapid Entry into C-Nucleoside Synthesis. <i>Synthesis</i> , 2004, 2004, 583-589.	2.3	32
9	An Efficient Method for the Chemoselective Preparation of Benzoylated 1,2-Diols from Epoxides. <i>Synthesis</i> , 2003, 2003, 2552-2558.	2.3	29
10	Palladium supported on bis(indolyl)methane functionalized magnetite nanoparticles as an efficient catalyst for copper-free Sonogashira-Hagihara reaction. <i>Applied Catalysis A: General</i> , 2016, 525, 31-40.	4.3	29
11	1,4-Dihydroxyanthraquinone-copper(II) nanoparticles immobilized on silica gel: a highly efficient, copper scavenger and recyclable heterogeneous nanocatalyst for a click approach to the three-component synthesis of 1,2,3-triazole derivatives in water. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 231-250.	2.2	28
12	Synthesis of a Biological-Based Glycoluril with Phosphorous Acid Tags as a New Nanostructured Catalyst: Application for the Synthesis of Novel Natural Henna-Based Compounds. <i>ChemistrySelect</i> , 2018, 3, 3042-3047.	1.5	21
13	Triphenyl(3-sulfopropyl)phosphonium trinitromethanide as a novel nanosized molten salt: Catalytic activity at the preparation of dihydropyrano[2,3- <i>c</i>]pyrazoles. <i>Journal of Molecular Liquids</i> , 2018, 271, 872-884.	4.9	18
14	Synthesis and application of a novel nanomagnetic catalyst with Cl[DABCO-NO ₂]C(NO ₂) ₃ tags in the preparation of pyrazolo[3,4- <i>b</i>]pyridines via anomeric based oxidation. <i>Research on Chemical Intermediates</i> , 2018, 44, 7595-7618.	2.7	17
15	Design and preparation of [4,4'-bipyridine]-1,1'-diium trinitromethanide (BPDTNM) as a novel nanosized ionic liquid catalyst: application to the synthesis of 1-(benzimidazolylamino)methyl-2-naphthols. <i>New Journal of Chemistry</i> , 2017, 41, 4431-4440.	2.8	15
16	Novel nano molten salt tetra[2,3-pyridinium]porphyrinatooxovanadium tricyanomethanide as a vanadium surface-free phthalocyanine catalyst: Application to Strecker synthesis of α -aminonitrile derivatives. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3775.	3.5	15
17	1H-imidazol-3-ium tricyanomethanide {[HIM]C(CN) ₃ } as a nanostructured molten salt catalyst: application to the synthesis of pyrano[4,3- <i>b</i>]pyrans. <i>Research on Chemical Intermediates</i> , 2017, 43, 3291-3305.	2.7	13
18	New Waterborne Polyurethane-Urea Synthesized with Ether-Carbonate Copolymer and Amino-Alcohol Chain Extenders with Tailored Pressure-Sensitive Adhesion Properties. <i>Materials</i> , 2020, 13, 627.	2.9	12

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19	Rapid, Eco-friendly, and One-pot Synthesis of New Lariat Ethers Based on Anthraquinone by Using ZnO Nanoparticles via Mannich Reaction under Solvent-free Condition. Journal of Heterocyclic Chemistry, 2016, 53, 164-174.	2.6	11
20	Design, synthesis, and application of 1H-imidazol-3-ium trinitromethanide {[HIMI]C(NO ₂) ₃ } as a recyclable nanostructured ionic liquid (NIL) catalyst for the synthesis of imidazo[1,2-a]pyrimidine-3-carbonitriles. Journal of the Iranian Chemical Society, 2018, 15, 2259-2270.	2.2	7
21	Catalytic application of a nano-molten salt catalyst in the synthesis of biological naphthoquinone-based compounds. Research on Chemical Intermediates, 2018, 44, 2839-2852.	2.7	5
22	Application of a new phosphorus-free palladium heterogeneous nanocatalyst supported on modified MWCNT the highly selective and efficient cleavage of propargyl, allyl, and benzyl phenol ethers under mild conditions. Molecular Diversity, 2015, 19, 481-500.	3.9	4
23	Structure-Properties Relationship in Waterborne Poly(Urethane-Urea)s Synthesized with Dimethylolpropionic Acid (DMPA) Internal Emulsifier Added before, during and after Prepolymer Formation. Polymers, 2020, 12, 2478.	4.5	3
24	Dichloro-bis(trifluoromethanesulfonate)titanium(IV) (TiCl ₂ (SO ₃ CF ₃) ₂) as a stable and a non-corrosive solid catalyst for the efficient and highly selective protection of carbonyl groups as their 1,3-dithianes and 1,3-dithiolanes under solvent-free conditions at room temperature. Journal of Sulfur Chemistry, 2007, 28, 351-356.	2.0	2
25	A Convenient Catalytic Method for the Synthesis of Pyridines with Henna and Pyrazole Moieties using Cooperative Vinylogous Anomeric-Based Oxidation. ChemistrySelect, 2022, 7, .	1.5	2