

Hassan Tajik

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	The introduction of two new imidazole-based bis-dicationic Brønsted acidic ionic liquids and comparison of their catalytic activity in the synthesis of barbituric acid derivatives. <i>New Journal of Chemistry</i> , 2018, 42, 9744-9756.	2.8	47
2	Introduction of an efficient DABCO-based bis-dicationic ionic salt catalyst for the synthesis of arylidenemalononitrile, pyran and polyhydroquinoline derivatives. <i>Journal of Molecular Structure</i> , 2020, 1206, 127730.	3.6	37
3	Introduction of piperazine-1,4-dium dihydrogen phosphate as a new and highly efficient dicationic Brønsted acidic ionic salt for the synthesis of (thio)barbituric acid derivatives in water. <i>Journal of Molecular Structure</i> , 2019, 1178, 420-427.	3.6	31
4	Synthesis and herbicidal activity of novel 5-chloro-3-fluoro-2-phenoxy pyridines with a 1,3,4-oxadiazole ring. <i>Journal of Pesticide Sciences</i> , 2011, 36, 27-32.	1.4	27
5	Silica-coated magnetic nanoparticles containing bis dicationic bridge for the synthesis of 1,2,4-triazolo pyrimidine/quinazolinone derivatives. <i>Journal of Molecular Structure</i> , 2020, 1199, 126891.	3.6	26
6	N-Protection of amines using pyridinium 2,2,2-trifluoroacetate ionic liquid as an efficient and reusable catalyst. <i>Chinese Chemical Letters</i> , 2014, 25, 218-220.	9.0	24
7	Bromination of Some Aromatic Compounds with Potassium Bromide in the Presence of Benzyltriphenylphosphonium Peroxodisulfate. <i>Synthetic Communications</i> , 2007, 37, 323-328.	2.1	21
8	Preparation of different amides via Ritter reaction from alcohols and nitriles in the presence of silica-bonded N-propyl sulphamic acid (SBNPSA) under solvent-free conditions. <i>Journal of Chemical Sciences</i> , 2012, 124, 1025-1032.	1.5	20
9	1-Butyl-3-methylimidazolium Hydrogen Sulfate ([bmim]-HSO ₄) ⁻ Mediated Synthesis of Polysubstituted Quinolines. <i>Synthetic Communications</i> , 2011, 41, 2103-2114.	2.1	18
10	Poly(4-Vinylpyridine) (P ₄ VPy): A Basic Catalyst for Facile Synthesis of Biscoumarin and Dihydropyrano[3,2-c]chromene Derivatives in Aqueous Media. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 199-210.	2.6	18
11	New magnetic nanocatalyst containing a bis-dicationic ionic liquid framework for Knoevenagel condensation reaction. <i>Research on Chemical Intermediates</i> , 2019, 45, 2471-2488.	2.7	17
12	[H-Pyrr][HSO ₄] as an Efficient Ionic Liquid Catalyst for the Synthesis of Xanthenes, Tetraketones, and Triazolo[2,1-b]quinazolinones. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1972-1987.	2.6	17
13	MIL-53(Fe): Introduction of a new catalyst for the synthesis of Pyrimido[4,5-d]pyrimidine derivatives under solvent-free conditions. <i>Journal of Molecular Structure</i> , 2019, 1197, 318-325.	3.6	16
14	Selective Para-Iodination of Methoxyarenes, Phenols, and Anilines with Iodine in the Presence of Poly(4-Vinylpyridine)-Supported Peroxodisulfate. <i>Synthetic Communications</i> , 2004, 34, 3579-3585.	2.1	15
15	Bromination of Aromatic Compounds with Potassium Bromide in the Presence of Poly(4-Vinylpyridine)-Supported Bromate in Nonaqueous Solution. <i>Synthetic Communications</i> , 2005, 35, 1947-1952.	2.1	15
16	Preparation and characterization of a novel DABCO based tetra cationic ionic liquid as a reusable catalyst for the multi-component synthesis of 2H-indazolo[2,1-b]phthalazine-trione and [1,2,4]triazoloquinazolinone derivatives under solvent-free condition. <i>Journal of Molecular Structure</i> , 2020, 1201, 127143.	3.6	15
17	Verjuice as a green and bio-degradable solvent/catalyst for facile and eco-friendly synthesis of 5-arylmethylenepyrimidine-2,4,6-trione, pyrano[2,3-d]pyrimidinone and pyrimido[4,5-d]pyrimidinone derivatives. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 887-897.	2.2	13
18	Zn (BDC)-(MOF): Introduction of a New Catalyst for the Synthesis Pyrimido[4,5-d]Pyrimidine Derivatives under Ultrasound Irradiation in the Absence of Solvent. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1580-1589.	2.6	12

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19	Magnetic Fe ₃ O ₄ /Graphene Oxide/Copper-Based Nanocomposite as a Reusable Catalyst for the Reduction of 4-Nitrophenol. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 121-127.	0.9	11
20	Nitration of Some Aromatic Compounds by Sodium Nitrate in the Presence of Benzyltriphenylphosphonium Peroxodisulfate. <i>Synthetic Communications</i> , 2007, 37, 2771-2776.	2.1	10
21	An affordable DABCO-based ionic liquid efficiency in the synthesis of 3-amino-1-aryl-1H-benzo[f]chromene-2-carbonitrile, 1-(benzothiazolylamino)phenylmethyl-2-naphthol, and 1-(benzoimidazolylamino)phenylmethyl-2-naphthol derivatives. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 2147-2157.	2.2	10
22	Introduction of a New Magnetic Nanocatalyst as an Organic-Inorganic Hybrid Framework for the Synthesis of Pyrano[2,3-d]pyrimidinone(thione)s and Pyrido[2,3-d]pyrimidines. <i>ChemistrySelect</i> , 2019, 4, 1205-1213.	1.5	10
23	A facile and regioselective synthesis of some new pyrimido[4,5-d][1,2,4]triazolo[1,5-a]pyrimidinediones catalyzed by Zn(BDC)-MOF under ultrasound irradiation. <i>Journal of Molecular Structure</i> , 2019, 1195, 302-308.	3.6	10
24	Efficient Synthesis of 5-Oxo-5,6,7,8-Tetrahydro-4H-Chromenes Assisted by Poly(4-Vinylpyridine). <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 475-483.	2.6	9
25	Knoevenagel condensation in aqueous media promoted by 2,2'-bipyridinium dihydrogen phosphate as a green efficient catalyst. <i>Research on Chemical Intermediates</i> , 2021, 47, 2973-2984.	2.7	9
26	[PVP-SO ₃ H] HSO ₄ : An Efficient Polymeric Solid Acid Catalyst for the Formylation and N-Boc Protection Reactions. <i>ChemistrySelect</i> , 2019, 4, 6382-6389.	1.5	8
27	Convenient and Efficient Method for the Iodination of Benzylic and Aliphatic Alcohols by Using Al(HSO ₄) ₃ /KI in Nonaqueous Solution. <i>Synthetic Communications</i> , 2006, 36, 91-95.	2.1	7
28	Green and Efficient Method for the Iodination of Phenols in Water. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 258-261.	0.6	7
29	Application of [PVP-SO ₃ H] HSO ₄ as an Efficient Polymeric-Based Solid Acid Catalyst in the Synthesis of Some Benzimidazole Derivatives. <i>Organic Preparations and Procedures International</i> , 2020, 52, 340-353.	1.3	7
30	A facile synthesis of novel optically active R,R-2-(4-(2-(4-(5-chloro-3-halo-pyridin-2-yloxy)-phenoxy)-propionyloxy)-phenoxy)-propionic acid esters using cyanuric chloride as potential herbicide. <i>Chinese Chemical Letters</i> , 2011, 22, 535-538.	9.0	6
31	Introduction of Poly(4-Vinylpyridine) as an Efficient Promotor for the Synthesis of Pyrano[2,3-d]Pyrimidinones and Pyrido[2,3-d]Pyrimidines. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 1059-1067.	2.6	6
32	Synthesis, characterization, and physicochemical properties of three new nanostructured benzimidazole-based dicationic Brønsted acidic molten salts and comparison of their catalytic and antibacterial activities. <i>Journal of Molecular Liquids</i> , 2021, 342, 117104.	4.9	6
33	Poly(4-vinylpyridinium bromochromate): an efficient reagent for bromination of aromatic compounds. <i>Monatshfte für Chemie</i> , 2013, 144, 179-181.	1.8	5
34	Synthesis of 1,8-Dioxo-Decahydroacridines using Pyridinium Hydrogen Sulfate Ionic Liquid as an Green, Efficient and Reusable Catalyst. <i>Letters in Organic Chemistry</i> , 2016, 13, 163-170.	0.5	5
35	One-pot synthesis of chromenes in the presence of magnetic nanocomposite based on NH ₂ -UiO-66(Zr), graphene oxide and Fe ₃ O ₄ . <i>Journal of Molecular Structure</i> , 2022, 1263, 133022.	3.6	5
36	Comparison of the efficiency of two dicationic ionic liquids catalysts based on perchloric acid for the protection of alcohols. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 3295-3302.	2.2	4

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37	A Three-Component Process for the Synthesis of Tetrazolo[1,5-a]Pyrimidine-6-Carbonitrile Derivatives Using Amino-Functionalized UiO-66(Zr) Metal Organic Framework (MOF). Polycyclic Aromatic Compounds, 2022, 42, 5719-5730.	2.6	4
38	Manganese Dioxide (MnO_2) and Graphene Oxide (GO) Nanocomposites: An Efficient Promotor for the Oxidative Deprotection of Trimethylsilyl, Tetrahydropyranyl and Methoxymethyl Ethers. Journal of Nanoscience and Nanotechnology, 2021, 21, 6016-6023.	0.9	4
39	Application of [PVP-SO ₃ H] HSO ₄ as Powerful Polymeric-Based Solid Acid Catalyst for Hantzsch Synthesis of Polyhydroquinolin-5(1 <i>H</i>)-One. Polycyclic Aromatic Compounds, 2020, 40, 1321-1331.	2.6	3
40	The enantioselective β -keto ester reductions by <i>Saccharomyces cerevisiae</i> . Journal of the Serbian Chemical Society, 2006, 71, 889-894.	0.8	3
41	A Dicationic Molten Salt Catalyzed Synthesis of 1,2,4-Triazolopyrimidine, Quinazolinone and Biscoumarin Derivatives under Green Conditions. Polycyclic Aromatic Compounds, 2023, 43, 1524-1535.	2.6	3
42	Fingerprinting Techniques Investigation to Detect Petroleum Hydrocarbon Origin in Coastal Sediments of Persian Gulf. Polycyclic Aromatic Compounds, 2020, 40, 355-371.	2.6	2
43	NMR and DFT studies of the aggregation behavior of dicationic dialkyl DABCO bistriflimide salts in solution. Journal of Molecular Liquids, 2021, 326, 115313.	4.9	2
44	Solvent-free synthesis of 14-aryl-14 <i>H</i> -dibenzo[<i>a</i> - <i>j</i>]xanthenes using Fe ₃ O ₄ @Al ₂ O ₃ @SiO ₂ @Fe ₂ O ₃ as a green catalyst. Synthetic Communications, 2021, 51, 3546-3564.	2.1	2
45	Morpholine stabilized on nano silica sulfuric acid: a novel reusable catalyst for the synthesis of triazoloquinazoline and polyhydroquinoline derivatives. Journal of the Iranian Chemical Society, 2022, 19, 2929-2948.	2.2	2
46	Solvent-free Hantzsch Condensation Reaction Leading to Polyhydroquinoline and 1,8-Dioxo-decahydroacridine Derivatives Promoted by Nanosized Kaolin-BTMSP-NH ₂ HSO ₄ . ChemistrySelect, 2022, 7, .	1.5	2
47	Introduction of Two New Brønsted Acidic Ionic Liquids for the Formamide and Formamide Derivatization of Amines. ChemistrySelect, 2020, 5, 7488-7491.	1.5	1
48	Synthesis of 1,8-Dioxo-octahydro-xanthene and Tetrahydrobenzo[<i>b</i>]pyran Derivatives Promoted by two Bis-imidazolium-based Ionic Liquids. Current Organocatalysis, 2022, 9, 102-116.	0.5	1
49	Selective para-Iodination of Methoxyarenes, Phenols, and Anilines with Iodine in the Presence of Poly(4-vinylpyridine)-Supported Peroxodisulfate.. ChemInform, 2005, 36, no.	0.0	0
50	Bromination of Aromatic Compounds with Potassium Bromide in the Presence of Poly(4-vinylpyridine)-Supported Bromate in Nonaqueous Solution.. ChemInform, 2005, 36, no.	0.0	0