

Hassan Tajik

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Dicationic Molten Salt Catalyzed Synthesis of 1,2,4-Triazolopyrimidine, Quinazolinone and Biscoumarin Derivatives under Green Conditions. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 1524-1535.	2.6	3
2	Synthesis of 1,8-Dioxo-octahydro-xanthene and Tetrahydrobenzo[b]pyran Derivatives Promoted by two Bis-imidazolium-based Ionic Liquids. <i>Current Organocatalysis</i> , 2022, 9, 102-116.	0.5	1
3	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). <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 5719-5730.	2.6	4
4	Morpholine stabilized on nano silica sulfuric acid: a novel reusable catalyst for the synthesis of triazoloquinazoline and polyhydroquinoline derivatives. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 2929-2948.	2.2	2
5	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
6	Solvent-free Hantzsch Condensation Reaction Leading to Polyhydroquinoline and 1,8-Dioxo-decahydroacridine Derivatives Promoted by Nanosized Kaolin-BTMSP-NH ₂ -HSO ₄ . <i>ChemistrySelect</i> , 2022, 7, .	1.5	2
7	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
8	[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
9	Poly(4-Vinylpyridine) (P ₄ VP): 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
10	NMR and DFT studies of the aggregation behavior of dicationic dialkyl DABCO bistriflimide salts in solution. <i>Journal of Molecular Liquids</i> , 2021, 326, 115313.	4.9	2
11	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
12	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
13	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
14	Manganese Dioxide (MnO ₂) and Graphene Oxide (GO) Nanocomposites: An Efficient Promotor for the Oxidative Deprotection of Trimethylsilyl, Tetrahydropyranyl and Methoxymethyl Ethers. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 6016-6023.	0.9	4
15	Solvent-free synthesis of 14-aryl-14H-dibenzo[a-j]xanthenes using Fe ₃ O ₄ @Al ₂ O ₃ @SiO ₂ @Fe ₂ O ₃ as a green catalyst. <i>Synthetic Communications</i> , 2021, 51, 3546-3564.		2
16	Fingerprinting Techniques Investigation to Detect Petroleum Hydrocarbon Origin in Coastal Sediments of Persian Gulf. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 355-371.	2.6	2
17	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
18	Application of [PVP-SO ₃ H] HSO ₄ as Powerful Polymeric-Based Solid Acid Catalyst for Hantzsch Synthesis of Polyhydroquinolin-5(1H)-One. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 1321-1331.	2.6	3

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19	Introduction of Poly(4-Vinylpyridine) as an Efficient Promotor for the Synthesis of Pyrano[2,3- <i>d</i>]Pyrimidinones and Pyrido[2,3- <i>d</i>]Pyrimidines. Polycyclic Aromatic Compounds, 2020, 40, 1059-1067.	2.6	6
20	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- <i>b</i>]phthalazine-trione and [1,2,4]triazoloquinazolinone derivatives under solvent-free condition. Journal of Molecular Structure, 2020, 1201, 127143.	3.6	15
21	Silica-coated magnetic nanoparticles containing bis dicationic bridge for the synthesis of 1,2,4-triazolo pyrimidine/ quinazolinone derivatives. Journal of Molecular Structure, 2020, 1199, 126891.	3.6	26
22	Magnetic Fe ₃ O ₄ /Graphene Oxide/Copper-Based Nanocomposite as a Reusable Catalyst for the Reduction of 4-Nitrophenol. Journal of Nanoscience and Nanotechnology, 2020, 20, 121-127.	0.9	11
23	Application of [PVP-SO ₃ H] HSO ₄ as an Efficient Polymeric-Based Solid Acid Catalyst in the Synthesis of Some Benzimidazole Derivatives. Organic Preparations and Procedures International, 2020, 52, 340-353.	1.3	7
24	Introduction of Two New Brønsted Acidic Ionic Liquids for the Formamide and Formamidine Derivatization of Amines. ChemistrySelect, 2020, 5, 7488-7491.	1.5	1
25	Introduction of an efficient DABCO-based bis-dicationic ionic salt catalyst for the synthesis of arylidenemalononitrile, pyran and polyhydroquinoline derivatives. Journal of Molecular Structure, 2020, 1206, 127730.	3.6	37
26	MIL-53(Fe): Introduction of a new catalyst for the synthesis of Pyrimido[4,5- <i>d</i>]pyrimidine derivatives under solvent-free conditions. Journal of Molecular Structure, 2019, 1197, 318-325.	3.6	16
27	Introduction of a New Magnetic Nanocatalyst as an Organic-Inorganic Hybrid Framework for the Synthesis of Pyrano[2,3- <i>d</i>]pyrimidinone(thione)s and Pyrido[2,3- <i>d</i>]pyrimidines. ChemistrySelect, 2019, 4, 1205-1213.	1.5	10
28	[PVP-SO ₃ H] HSO ₄ : An Efficient Polymeric Solid Acid Catalyst for the Formylation and N-Boc Protection Reactions. ChemistrySelect, 2019, 4, 6382-6389.	1.5	8
29	A facile and regioselective synthesis of some new pyrimido[4,5- <i>d</i>][1,2,4]triazolo[1,5- <i>a</i>]pyrimidinediones catalyzed by Zn(BDC)-MOF under ultrasound irradiation. Journal of Molecular Structure, 2019, 1195, 302-308.	3.6	10
30	New magnetic nanocatalyst containing a bis-dicationic ionic liquid framework for Knoevenagel condensation reaction. Research on Chemical Intermediates, 2019, 45, 2471-2488.	2.7	17
31	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. Journal of Molecular Structure, 2019, 1178, 420-427.	3.6	31
32	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- <i>d</i>]pyrimidinone and pyrimido[4,5- <i>d</i>]pyrimidinone derivatives. Journal of the Iranian Chemical Society, 2019, 16, 887-897.	2.2	13
33	An affordable DABCO-based ionic liquid efficiency in the synthesis of 3-amino-1-aryl-1H-benzo[<i>f</i>]chromene-2-carbonitrile, 1-(benzothiazolylamino)phenylmethyl-2-naphthol, and 1-(benzoimidazolylamino)phenylmethyl-2-naphthol derivatives. Journal of the Iranian Chemical Society, 2018, 15, 2147-2157.	2.2	10
34	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. New Journal of Chemistry, 2018, 42, 9744-9756.	2.8	47
35	Synthesis of 1,8-Dioxo-Decahydroacridines using Pyridinium Hydrogen Sulfate Ionic Liquid as an Green, Efficient and Reusable Catalyst. Letters in Organic Chemistry, 2016, 13, 163-170.	0.5	5
36	N-Protection of amines using pyridinium 2,2,2-trifluoroacetate ionic liquid as an efficient and reusable catalyst. Chinese Chemical Letters, 2014, 25, 218-220.	9.0	24

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37	Poly(4-vinylpyridinium bromochromate): an efficient reagent for bromination of aromatic compounds. <i>Monatshefte für Chemie</i> , 2013, 144, 179-181.	1.8	5
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	The enantioselective α -keto ester reductions by <i>Saccharomyces cerevisiae</i> . <i>Journal of the Serbian Chemical Society</i> , 2006, 71, 889-894.	0.8	3
47	Selective para-iodination of Methoxyarenes, Phenols, and Anilines with Iodine in the Presence of Poly(4-vinylpyridine)-Supported Peroxodisulfate. <i>ChemInform</i> , 2005, 36, no.	0.0	0
48	Bromination of Aromatic Compounds with Potassium Bromide in the Presence of Poly(4-vinylpyridine)-Supported Bromate in Nonaqueous Solution. <i>ChemInform</i> , 2005, 36, no.	0.0	0
49	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
50	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