Abdolkarim Zare

List of Publications by Year
in descending order

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108	3,665	136950	144013
papers	citations	32 h-index	57 g-index

111	111	111	2024
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid synthesis of 1-amidoalkyl-2-naphthols over sulfonic acid functionalized imidazolium salts. Applied Catalysis A: General, 2011, 400, 70-81.	4.3	203
2	Silica bonded n-propyl-4-aza-1-azoniabicyclo[2.2.2]octane chloride (SB-DABCO): A highly efficient, reusable and new heterogeneous catalyst for the synthesis of 4H-benzo[b]pyran derivatives. Applied Catalysis A: General, 2011, 402, 11-22.	4.3	158
3	Catalyst-Free One-Pot Four Component Synthesis of Polysubstituted Imidazoles in Neutral Ionic Liquid 1-Butyl-3-methylimidazolium Bromide. ACS Combinatorial Science, 2010, 12, 844-849.	3.3	141
4	Ionic liquid triethylamine-bonded sulfonic acid {[Et3Nâ€“SO3H]Cl} as a novel, highly efficient and homogeneous catalyst for the synthesis of Î²-acetamido ketones, 1,8-dioxo-octahydroxanthenes and 14-aryl-14H-dibenzo[a,j]xanthenes. Journal of Molecular Liquids, 2012, 167, 69-77.	4.9	135
5	A highly stable and active magnetically separable Pd nanocatalyst in aqueous phase heterogeneously catalyzed couplings. Green Chemistry, 2013, 15, 2132.	9.0	131
6	Design of Ionic Liquid 3-Methyl-1-sulfonic Acid Imidazolium Nitrate as Reagent for the Nitration of Aromatic Compounds by in Situ Generation of NO₂ in Acidic Media. Journal of Organic Chemistry, 2012, 77, 3640-3645.	3.2	128
7	Ionic Liquid 3-Methyl-1-sulfonic Acid Imidazolium Chloride as a Novel and Highly Efficient Catalyst for the Very Rapid Synthesis of bis(Indolyl)methanes under Solvent-free Conditions. Organic Preparations and Procedures International, 2010, 42, 95-102.	1.3	111
8	Design, characterization and application of new ionic liquid 1-sulfopyridinium chloride as an efficient catalyst for tandem Knoevenagelâ€“Michael reaction of 3-methyl-1-phenyl-1H-pyrazol-5(4H)-one with aldehydes. Applied Catalysis A: General, 2013, 467, 61-68.	4.3	103
9	Synthesis, characterization and application of ionic liquid 1,3-disulfonic acid imidazolium hydrogen sulfate as an efficient catalyst for the preparation of hexahydroquinolines. Journal of Molecular Liquids, 2013, 178, 113-121.	4.9	103
10	Preparation of various xanthene derivatives over sulfonic acid functionalized imidazolium salts (SAFIS) as novel, highly efficient and reusable catalysts. Comptes Rendus Chimie, 2012, 15, 719-736.	0.5	101
11	Organocatalyst trityl chloride efficiently promoted the solvent-free synthesis of 12-aryl-8,9,10,12-tetrahydrobenzo[a]-xanthen-11-ones by in situ formation of carbocationic system in neutral media. Catalysis Communications, 2012, 20, 54-57.	3.3	96
12	Trityl chloride as an efficient organic catalyst for the synthesis of 1-amidoalkyl-2-naphtols in neutral media at room temperature. Applied Catalysis A: General, 2010, 386, 179-187.	4.3	87
13	Sulfuric acid-modified PEG-6000 (PEG-OSO3H): an efficient, bio-degradable and reusable polymeric catalyst for the solvent-free synthesis of poly-substituted quinolines under microwave irradiation. Green Chemistry, 2011, 13, 958.	9.0	85
14	Silica-bonded 5-n-propyl-octahydro-pyrimido[1,2-a]azepinium chloride (SB-DBU)Cl as a highly efficient, heterogeneous and recyclable silica-supported ionic liquid catalyst for the synthesis of benzo[b]pyran, bis(benzo[b]pyran) and spiro-pyran derivatives. Journal of Molecular Catalysis A, 2013, 372, 137-150.	4.8	83
15	Highly efficient synthesis of triazolo[1,2-a]indazole-triones and novel spiro triazolo[1,2-a]indazole-tetraones under solvent-free conditions. Tetrahedron, 2011, 67, 390-400.	1.9	82
16	Solvent-free, one-pot, four-component synthesis of 2H-indazolo[2,1-b]phthalazine-triones using sulfuric acid-modified PEG-6000 as a green recyclable and biodegradable polymeric catalyst. Catalysis Today, 2012, 196, 148-155.	4.4	77
17	Preparation of 4,4â€²-(arylmethylene)-bis(3-methyl-1-phenyl-1H-pyrazol-5-ol)s over 1,3-disulfonic acid imidazolium tetrachloroaluminate as a novel catalyst. RSC Advances, 2012, 2, 8010.	3.6	76
18	Ionic liquid 1,3-disulfonic acid imidazolium hydrogen sulfate: a novel and highly efficient catalyst for the preparation of 1-carbamatoalkyl-2-naphthols and 1-amidoalkyl-2-naphthols. RSC Advances, 2012, 2, 7988.	3.6	71

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19	Synthesis of 6-amino-4-(4-methoxyphenyl)-5-cyano-3-methyl-1-phenyl-1,4-dihydropyrano[2,3-c]pyrazoles using disulfonic acid imidazolium chloroaluminate as a dual and heterogeneous catalyst. New Journal of Chemistry, 2013, 37, 4089.	2.8	69
20	Discovery of an in situ carbocationic system using trityl chloride as a homogeneous organocatalyst for the solvent-free condensation of Î²-naphthol with aldehydes and amides/thioamides/alkyl carbamates in neutral media. Tetrahedron, 2013, 69, 212-218.	1.9	69
21	Facile preparation of a nanostructured functionalized catalytically active organosalt. Journal of Materials Chemistry A, 2014, 2, 770-777.	10.3	66
22	Synthesis of hexahydroquinolines using the new ionic liquid sulfonic acid functionalized pyridinium chloride as a catalyst. Chinese Journal of Catalysis, 2013, 34, 1936-1944.	14.0	63
23	Preparation, characterization and application of ionic liquid sulfonic acid functionalized pyridinium chloride as an efficient catalyst for the solvent-free synthesis of 12-aryl-8,9,10,12-tetrahydrobenzo[a]-xanthen-11-ones. Journal of Molecular Liquids, 2013, 186, 63-69.	4.9	58
24	Synthesis of 2,4,6-Triarylpyridines Using ZrOCl2 under Solvent-Free CondiÂtions. Synlett, 2014, 25, 193-196.	1.8	58
25	Efficient preparation of 9-aryl-1,8-dioxo-octahydroxanthenes catalyzed by nano-TiO₂with high recyclability. RSC Advances, 2013, 3, 1323-1326.	3.6	54
26	A catalyst-free protocol for the green and efficient condensation of indoles with aldehydes in ionic liquids. Canadian Journal of Chemistry, 2009, 87, 416-421.	1.1	53
27	Zirconium Tetrakis(dodecyl Sulfate) [Zr(DS)₄] as an Efficient Lewis Acidâ€“Surfactant Combined Catalyst for the Synthesis of Quinoxaline Derivatives in Aqueous Media. Synthetic Communications, 2009, 39, 569-579.	2.1	52
28	Room-Temperature, Catalyst-Free, One-Pot Pseudo-Five-Component Synthesis of 4,4-(Arylmethylene)bis(3-methyl-1-phenyl-1H-pyrazol-5-ol)s under Ultrasonic Irradiation. ACS Sustainable Chemistry and Engineering, 2013, 1, 679-684.	6.7	50
29	Efficient Synthesis of 4,4â€²-(Arylmethylene)-bis(3-methyl-1-phenylpyrazol-5-ol) Derivatives in PEG-400 under Catalyst-free Conditions. Organic Preparations and Procedures International, 2011, 43, 131-137.	1.3	45
30	Silicananoparticles efficiently catalyzed synthesis of quinolines and quinoxalines. Catalysis Science and Technology, 2012, 2, 201-214.	4.1	44
31	Design, characterization and application of silica-bonded imidazolium-sulfonic acid chloride as a novel, active and efficient nanostructured catalyst in the synthesis of hexahydroquinolines. Applied Catalysis A: General, 2015, 505, 224-234.	4.3	44
32	One pot synthesis of 1,2,4,5-tetrasubstituted-imidazoles catalyzed by trityl chloride in neutral media. RSC Advances, 2014, 4, 60636-60639.	3.6	37
33	A novel dicationic ionic liquid as a highly effectual and dual-functional catalyst for the synthesis of 3-methyl-4-arylmethylene-isoxazole-5(4H)-ones. Research on Chemical Intermediates, 2018, 44, 6253-6266.	2.7	35
34	Green, Catalyst-Free Protocol for the Efficient Synthesis of N-Sulfonyl Aldimines and Ketimines in Ionic Liquid [Bmim]Br. Synthetic Communications, 2009, 39, 3156-3165.	2.1	33
35	Triarylmethyl chlorides as novel, efficient, and mild organic catalysts for the synthesis of N-sulfonyl imines under neutral conditions. Canadian Journal of Chemistry, 2008, 86, 456-461.	1.1	32
36	P2O5/SiO2 an efficient, green and heterogeneous catalytic system for the solvent-free synthesis of N-sulfonyl imines. Arkivoc, 2008, 2008, 64-74.	0.5	31

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37	Nano-2-(dimethylamino)-N-(silica-n-propyl)-N,N-dimethylethanaminium chloride as a novel basic catalyst for the efficient synthesis of pyrido[2,3-d:6,5-dâ€²]dipyrimidines. New Journal of Chemistry, 2019, 43, 2247-2257.	2.8	27
38	A green approach for the synthesis of 3,4-dihydropyrimidin-2-(1H)-ones (and -thiones) using N,N-diethyl-N-sulfoethanaminium hydrogen sulfate. Journal of Molecular Liquids, 2016, 216, 364-369.	4.9	26
39	Diversityâ€Oriented Synthesis of Novel 2â€²â€Aminospiro[11Hâ€indeno[1,2â€b]quinoxalineâ€11,4â€²â€[4H]pyran] Derivatives via a Oneâ€Pot Fourâ€Component Reaction. Helvetica Chimica Acta, 2011, 94, 2289-2294.	1.8	25
40	Solvent-Free, Cross-Aldol Condensation Reaction Using Silica-Supported, Phosphorus-Containing Reagents Leading to Î±,Î±â€²-Bis(arylidene)cycloalkanones. Synthetic Communications, 2010, 40, 3488-3495.	2.1	24
41	WCl6 as an efficient, heterogeneous and reusable catalyst for the preparation of 14-aryl-14H-dibenzo[a,j]xanthenes with high TOF. RSC Advances, 2012, 2, 3618.	3.6	24
42	Zinc oxide-tetrabutylammonium bromide tandem as a highly efficient, green, and reusable catalyst for the Michael addition of pyrimidine and purine nucleobases to Î±,Î²-unsaturated esters under solvent-free conditions. Canadian Journal of Chemistry, 2008, 86, 317-324.	1.1	22
43	Design and characterization of nano-silica-bonded 3-n-propyl-1-sulfonic acid imidazolium chloride {nano-SB-[PSIM]Cl} as a novel, heterogeneous and reusable catalyst for the condensation of arylaldehydes with Î²-naphthol and alkyl carbamates. Research on Chemical Intermediates, 2016, 42, 2365-2378.	2.7	22
44	A simple, rapid and effective protocol for synthesis of bis(pyrazolyl)methanes using nickelâ€“guanidine complex immobilized on MCM-41. Research on Chemical Intermediates, 2020, 46, 1941-1953.	2.7	22
45	Silica-Supported 2,4,6-Trichloro-1,3,5-triazine as an Efficient Reagent for Direct Conversion of Carboxylic Acids to Amides Under Solvent-Free Conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2007, 182, 657-666.	1.6	21
46	Ionic liquid 1-butyl-3-methylimidazolium bromide ([bmim]Br): A green and neutral reaction media for the efficient, catalyst-free synthesis of quinoxaline derivatives. Journal of the Serbian Chemical Society, 2010, 75, 1315-1324.	0.8	21
47	One-Pot, Four-Component Synthesis of Novel Spiro[indeno[2,1-b]quinoxaline-11,4â€²-pyran]-2â€²-amines. Journal of Heterocyclic Chemistry, 2013, 50, 608-614.	2.6	21
48	Efficient Preparation of Sulfonylimines, Imidazoles andbis(Indolyl)methanes Catalyzed by [Et₃NSO₃H]Cl. Organic Preparations and Procedures International, 2013, 45, 211-219.	1.3	20
49	In situ generation of trityl carbocation (Ph3C+) as a homogeneous organocatalyst for the efficient synthesis of 4,4â€²-(arylmethylene)-bis(3-methyl-1-phenyl-1H-pyrazol-5-ol)s. Chinese Journal of Catalysis, 2014, 35, 85-89.	14.0	20
50	A new more atom-efficient multi-component approach to tetrasubstituted imidazoles: one-pot condensation of nitriles, amines and benzoin. RSC Advances, 2016, 6, 67281-67289.	3.6	20
51	Triethylamine-bonded sulfonic acid ([Et₃Nâ€“SO₃H]Cl): a highly efficient and homogeneous catalyst for the condensation of 2-naphthol with arylaldehydes and amides (alkyl) Tj ETQq1 1 0.784314 rgBT /Overlock	3.4	20
52	Effective and Rapid Synthesis of Pyrido[2,3-d:6,5-dâ€²]Dipyrimidines Catalyzed by a Mesoporous Recoverable Silica-Based Nanomaterial. Silicon, 2020, 12, 1407-1415.	3.3	19
53	Silphox [POCl_{3â‹¯n}(SiO₂)_n] as a New, Efficient, and Heterogeneous Reagent for the Synthesis of Benzimidazole Derivatives Under Microwave Irradiation. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 184, 147-155.	1.6	18
54	Preparation, characterization and application of nano-[Fe3O4@-SiO2@R-NHMe2][H2PO4] as a novel magnetically recoverable catalyst for the synthesis of pyrimido[4,5-b]quinolines. Journal of Molecular Structure, 2020, 1211, 128030.	3.6	18

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55	A GREEN SOLVENTLESS PROTOCOL FOR THE SYNTHESIS OFN-SULFONYLIMINES IN THE PRESENCE OF SILICA SULFURIC ACID AS AN EFFICIENT, HETEROGENEOUS AND REUSABLE CATALYST. Organic Preparations and Procedures International, 2008, 40, 457-463.	1.3	17
56	Lithium bromide as an efficient, green, and inexpensive catalyst for the synthesis of quinoxaline derivatives at room temperature. Green Chemistry Letters and Reviews, 2010, 3, 143-148.	4.7	17
57	A novel organicâ€“inorganic hybrid material: production, characterization and catalytic performance for the reaction of arylaldehydes, dimedone and 6-amino-1,3-dimethyluracil. New Journal of Chemistry, 2020, 44, 4736-4743.	2.8	17
58	Regioselective Nâ€Arylation of Some Pyrimidine and Purine Nucleobases. Synthetic Communications, 2006, 36, 3549-3562.	2.1	16
59	P₂O₅/SiO₂as an Efficient, Green and Heterogeneous Catalytic System for the Solvent-Free Synthesis of 3,4-Dihydropyrimidin-2-(1H)-ones (and -Thiones). E-Journal of Chemistry, 2009, 6, 459-465.	0.5	16
60	Zirconium nitrate: a reusable water tolerant Lewis acid catalyst for the synthesis of N-substituted pyrroles in aqueous media. RSC Advances, 2012, 2, 6174.	3.6	15
61	Saccharin Sulfonic Acid (SASA) as a Highly Efficient Catalyst for the Condensation of 2-Naphthol With Arylaldehydes and Amides (Thioamides or Alkyl Carbamates) Under Green, Mild, and Solvent-Free Conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 573-584.	1.6	15
62	KF/Al2O3as a Highly Efficient, Green, Heterogeneous, and Reusable Catalytic System for the Solvent-Free Synthesis of Carboacyclic Nucleosides via Michael Addition Reaction. Synthetic Communications, 2008, 39, 139-157.	2.1	14
63	[Et3N-SO3H][MeSO3] as a highly efficient catalyst for the production of pyrido[2,3-d:6,5-dâ€²]dipyrimidines and bis(pyrazolyl)methanes. Research on Chemical Intermediates, 2022, 48, 1631-1644.	2.7	14
64	An Efficient Solvent-Free Protocol for the Synthesis of 1-Amidoalkyl-2-naphthols using Silica-Supported Molybdatophosphoric Acid. E-Journal of Chemistry, 2010, 7, 1162-1169.	0.5	12
65	Efficient and highly selective production of 10,11-dihydrochromeno[4,3-b]chromene-6,8(7H,9H)-diones using a mesoporous silica-based nanocatalyst. Research on Chemical Intermediates, 2019, 45, 5473-5485.	2.7	12
66	Synthesis, characterization and application of nano-N,N,Nâ€²,Nâ€²-tetramethyl-N-(silica-n-propyl)-Nâ€²-sulfo-ethane-1,2-diaminium chloride as a highly efficient catalyst for the preparation of N,Nâ€²-alkylidene bisamides. Research on Chemical Intermediates, 2019, 45, 2999-3018.	2.7	12
67	Solvent-free Condensation of 2-Naphthol with Aromatic Aldehydes and Acetamide/Urea to 1-Amidoalkyl-2-naphthols. Organic Preparations and Procedures International, 2012, 44, 82-90.	1.3	11
68	Solvent-free synthesis of N-sulfonyl imines using WCl6 as a novel, highly efficient and reusable catalyst. RSC Advances, 2013, 3, 7692.	3.6	11
69	Highly effectual synthesis of 4,6-diarylpyrimidin-2(1H)-ones using N,N,Nâ€²,Nâ€²-tetramethylethylenediaminium-N,Nâ€²-disulfonic acid hydrogen sulfate as a dual-functional catalyst. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 635-640.	0.7	11
70	Ionic liquid-catalyzed synthesis of triazoloquinazolinones, chromeno[4,3-d]benzothiazolopyrimidines and benzoimidazopyrimidine derivatives. Research on Chemical Intermediates, 2020, 46, 3263-3275.	2.7	11
71	Solvent-Free Synthesis of 1,8-Dioxo-octahydroxanthenes and 14-Aryl-14H-dibenzo[a,j]xanthenes using Saccharin Sulfonic Acid as an Efficient and Green Catalyst. E-Journal of Chemistry, 2012, 9, 1854-1863.	0.5	10
72	Synthesis of Î²-phthalimido-alcohols via regioselective ring opening of epoxide by using reusable basic magnetic nano particles and their biological investigation. RSC Advances, 2016, 6, 62460-62466.	3.6	10

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73	Trityl Chloride (TrCl): Efficient and Homogeneous Organocatalyst for the Solventâ€Free Synthesis of 14â€Arylâ€14Hâ€dibenzo[a,j]xanthenes by in situ Formation of Carbocationic System. Journal of the Chinese Chemical Society, 2012, 59, 860-865.	1.4	9
74	Solid-supported sulfonic acid-containing catalysts efficiently promoted one-pot multi-component synthesis of Î²-acetamido carbonyl compounds. Journal of Chemical Sciences, 2012, 124, 501-508.	1.5	9
75	Dicationic ionic liquid grafted with silica-coated nano-Fe3O4 as a novel and efficient catalyst for the preparation of uracil-containing heterocycles. Research on Chemical Intermediates, 2020, 46, 3727-3740.	2.7	9
76	Study of in situ generation of carbocationic system from trityl chloride (Ph3CCl) which efficiently catalyzed cross-aldol condensation reaction. Comptes Rendus Chimie, 2013, 16, 380-384.	0.5	8
77	Friedelâ€“Crafts alkylation of 4-hydroxycoumarin over silica-bonded 1,4-diaza-bicyclo[2.2.2] octane-sulfonic acid chloride as nanostructured heterogeneous catalyst. Canadian Journal of Chemistry, 2017, 95, 16-21.	1.1	8
78	A highly effective and mild protocol for the production of 1-thioamidoalkyl-2-naphthols using 1,3-disulfonic acid imidazolium trifluoroacetate as a dual-functional catalyst. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 289-293.	0.7	8
79	A Highly Effectual and Rapid Protocol for the Synthesis of 5-Amino-1,3-diaryl-1H-pyrazole-4-carbonitriles Using 1,3-Disulfonic Acid Imidazolium Trifluoroacetate as a Dual-Functional Catalyst. Organic Preparations and Procedures International, 2020, 52, 428-433.	1.3	8
80	N,N,N',N'-Tetramethyl-N,N'-bis(sulfo)ethane-1,2- Diaminium Mesylate â€Žas a Highly Effective and Dual-functional Catalyst for the Synthesis of 1-Thioamidoalkyl-2-naphthols. Chemical Methodologies, 2020, 4, 400-407.	1.2	8
81	Synthesis, characterization, and application of a triazeneâ€based polysulfone as a dye adsorbent. Journal of Applied Polymer Science, 2013, 129, 3439-3446.	2.6	7
82	Efficient pseudo five-component synthesis of 4,4â€²-(arylmethylene)-bis(3-methyl-1-phenyl-1H-pyrazol-5-ol) derivatives promoted by a novel ionic liquid catalyst. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 191-195.	0.7	7
83	A Nanostructured Organicâ€inorganic Hybrid Material: Preparation, Characterization and Catalytic Performance for the Synthesis of N , N â€²â€Alkylidene Bisamides. ChemistrySelect, 2019, 4, 3953-3960.	1.5	7
84	Preparation, characterization and utilization of a novel dicationic molten salt as catalyst for the synthesis of bis(6-amino-1,3-dimethyluracil-5-yl)methanes. Research on Chemical Intermediates, 2020, 46, 1319-1327.	2.7	7
85	KF/Al₂O₃as an Efficient, Green, and Reusable Catalytic System for the Solvent-Free Synthesis ofN-Alkyl Derivatives of Sulfonamides via Michael Reactions. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 1702-1712.	1.6	6
86	Di-Sulfonic Acid Imidazolium Chloroaluminate, Efficiently Catalyzed the Synthesis of N-Sulfonyl Imines in Solventless Media with High TOF. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 149-156.	1.6	6
87	Synthesis, characterization and application of a novel nanorod-structured organicâ€“inorganic hybrid material as an efficient catalyst for the preparation of aminouracil derivatives. Research on Chemical Intermediates, 2020, 46, 2523-2539.	2.7	6
88	N,N,Nâ€²,Nâ€²-Tetramethylethylene-diaminium-N,Nâ€²-disulfonic acid trifluoroacetate and pyridinium-N-sulfonic acid hydrogen sulfate as highly effective dual-functional catalysts for the preparation of N,Nâ€²-alkylidene bisamides. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 641-647.	0.7	5
89	LiHSO₄/SiO₂as a New, Efficient and Reusable Catalytic System for the Chemoselective Conversion of Aldehydes to Acylals under Solvent-Free Conditions. E-Journal of Chemistry, 2009, 6, S390-S396.	0.5	4
90	Potassium Fluoride as an Efficient and Reusable Reagent for the Synthesis ofN,N-Dialkylsulfonamidesvia Aza-Conjugate Addition Reaction Under Microwave Irradiation. Organic Preparations and Procedures International, 2009, 41, 291-299.	1.3	4

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91	A Green Solventless Protocol for the Synthesis ofÎ²-Enaminones andÎ²-Enamino Esters Using Silica Sulfuric Acid as a Highly Efficient, Heterogeneous and Reusable Catalyst. E-Journal of Chemistry, 2010, 7, 1546-1554.	0.5	4
92	Novel ionic liquid N,N-diethyl-N-sulfoethanaminium hydrogen sulfate: Design, characterization, and application as a highly efficient catalyst for the production of triazolo[1,2-a]indazole-triones and 2H-indazolo[2,1-b]phthalazine-triones. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1160-1165.	1.6	4
93	Synthesis of pyrrolo[2,3-d]pyrimidines (microreview). Chemistry of Heterocyclic Compounds, 2019, 55, 1168-1170.	1.2	4
94	A highly efficient and green approach for the synthesis of pyrimido[4,5-b]quinolines using N,N-diethyl-N-sulfoethanaminium chloride. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 85-90.	0.7	4
95	Bentonite Clay K-10 as an Efficient Reagent for the Synthesis of Quinoxaline Derivatives at Room Temperature. E-Journal of Chemistry, 2009, 6, S247-S253.	0.5	3
96	Silica-Supported LiHSO₄as a Highly Efficient, Mild, Heterogeneous, and Reusable Catalytic System for the Solvent-Free Synthesis of Bis(indolyl)methanes. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2508-2515.	1.6	3
97	Design, characterization, and use of N,N-diethyl-N-sulfoethanaminium hydrogen sulfate {[Et3N-SO3H]HSO4} as a novel and highly efficient catalyst for preparation of Î±,Î±â€²-bis(arylidene)cycloalkanones. Research on Chemical Intermediates, 2016, 42, 6245-6253.	2.7	3
98	Multi-component synthesis of piperidines and dihydropyrrol-2-one derivatives catalyzed by a dual-functional ionic liquid. Journal of Chemical Research, 2020, 44, 20-24.	1.3	3
99	Synthesis and characterization of a novel organicâ€“inorganic hybrid salt and its application as a highly effectual BrÃ¸nstedâ€“Lewis acidic catalyst for the production of N , N â€²â€alkylidene bisamides. Applied Organometallic Chemistry, 2021, 35, .	3.5	3
100	Nano-[Fe3O4@SiO2-R-NHMe2][H2PO4] as a Highly Effectual and Magnetically Recyclable Catalyst for the Preparation of bis(6-Amino-1,3-dimethyluracil-5-yl)methanes under Solvent-Free Conditions. Organic Preparations and Procedures International, 2021, 53, 379-386.	1.3	3
101	Chitosan and functionalized graphene oxide nanocomposite as a novel and highly efficient catalyst for production of bis-coumarins under solvent-free conditions. Research on Chemical Intermediates, 2022, 48, 179-201.	2.7	3
102	Cs2CO3/[bmim]Br as an Efficient, Green, and Reusable Catalytic System for the Synthesis of N-Alkyl Derivatives of Phthalimide under Mild Conditions. Research Letters in Organic Chemistry, 2008, 2008, 1-4.	0.6	2
103	Synthesis of new aza thia crowns under microwave irradiation. Journal of Sulfur Chemistry, 2012, 33, 327-333.	2.0	2
104	Melamine Trisulfonic Acid as a Highly Efficient and Reusable Catalyst for the Synthesis of Î²-Acetamido Ketones. E-Journal of Chemistry, 2012, 9, 2322-2331.	0.5	2
105	Pyrazinium Di(hydrogen sulfate) as a Novel, Highly Efficient and Homogeneous Catalyst for the Condensation of Enolizable Ketones with Aldehydes, Acetonitrile and Acetyl Chloride. Journal of the Chinese Chemical Society, 2012, 59, 199-207.	1.4	1
106	Highly efficacious preparation of 3,3â€²-(arylmethylene)-bis(2-hydroxynaphthoquinone) derivatives catalyzed by a nanorod-structured organicâ€“inorganic hybrid material. Research on Chemical Intermediates, 2021, 47, 1349-1358.	2.7	1
107	Methods for the synthesis of quinoxalin-2-ones (microreview). Chemistry of Heterocyclic Compounds, 2020, 56, 515-517.	1.2	0
108	A highly efficient and green protocol for the synthesis of 3,3â€²-(arylmethylene)-bis(2-hydroxynaphthoquinone) derivatives catalyzed by a dicationic molten salt. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 91-95.	0.7	0