

Zhan-Hui Zhang

List of Publications by Year in descending order

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141
papers

7,829
citations

31902

53
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58464

82
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all docs

188
docs citations

188
times ranked

5109
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in the application of deep eutectic solvents as sustainable media as well as catalysts in organic reactions. <i>RSC Advances</i> , 2015, 5, 48675-48704.	1.7	497
2	Supported molybdenum on graphene oxide/Fe ₃ O ₄ : An efficient, magnetically separable catalyst for one-pot construction of spiro-oxindole dihydropyridines in deep eutectic solvent under microwave irradiation. <i>Catalysis Communications</i> , 2017, 88, 39-44.	1.6	263
3	Magnetic nanocatalysts: Synthesis and application in multicomponent reactions. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2019, 15, 27-37.	3.2	210
4	Synthesis of 2,3-Dihydroquinazolin-4(1 <i>H</i>)-ones by Three-Component Coupling of Isatoic Anhydride, Amines, and Aldehydes Catalyzed by Magnetic Fe ₃ O ₄ Nanoparticles in Water. <i>ACS Combinatorial Science</i> , 2010, 12, 643-646.	3.3	170
5	Catalyst-free synthesis of quinazoline derivatives using low melting sugar-urea salt mixture as a solvent. <i>Green Chemistry</i> , 2012, 14, 1502.	4.6	169
6	Meglumine promoted one-pot, four-component synthesis of pyranopyrazole derivatives. <i>Tetrahedron</i> , 2013, 69, 9931-9938.	1.0	156
7	Meglumine: A Novel and Efficient Catalyst for One-Pot, Three-Component Combinatorial Synthesis of Functionalized 2-Amino-4 <i>H</i> -pyrans. <i>ACS Combinatorial Science</i> , 2013, 15, 557-563.	3.8	147
8	Catalyst-Free, Visible-Light Promoted One-Pot Synthesis of Spirooxindole-Pyran Derivatives in Aqueous Ethyl Lactate. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6175-6182.	3.2	147
9	Copper immobilized at a covalent organic framework: an efficient and recyclable heterogeneous catalyst for the Chan-Lam coupling reaction of aryl boronic acids and amines. <i>Green Chemistry</i> , 2018, 20, 4891-4900.	4.6	142
10	Cerium Ammonium Nitrate-Catalyzed Multicomponent Reaction for Efficient Synthesis of Functionalized Tetrahydropyridines. <i>ACS Combinatorial Science</i> , 2011, 13, 181-185.	3.8	140
11	A General and Efficient Method for the Preparation of β -Enamino Ketones and Esters Catalyzed by Indium Tribromide. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 184-190.	2.1	136
12	Sulfonic acid supported on hydroxyapatite-encapsulated- γ -Fe ₂ O ₃ nanocrystallites as a magnetically separable catalyst for one-pot reductive amination of carbonyl compounds. <i>Green Chemistry</i> , 2011, 13, 2576.	4.6	136
13	Triflic Acid-Functionalized Silica-Coated Magnetic Nanoparticles as a Magnetically Separable Catalyst for Synthesis of α,β -Dihydroperoxides. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 441-447.	2.1	119
14	An expeditious synthesis of benzimidazole derivatives catalyzed by Lewis acids. <i>Catalysis Communications</i> , 2007, 8, 1126-1131.	1.6	115
15	Montmorillonite Clay Catalysis XI ¹ : Protection and Deprotection of Hydroxyl Group by Formation and Cleavage of Trimethylsilyl Ethers Catalysed by Montmorillonite K-10. <i>Synthetic Communications</i> , 1998, 28, 3105-3114.	1.1	114
16	Deep eutectic solvent based on choline chloride and malonic acid as an efficient and reusable catalytic system for one-pot synthesis of functionalized pyrroles. <i>RSC Advances</i> , 2015, 5, 7720-7728.	1.7	113
17	Superparamagnetic CuFeO ₂ Nanoparticles in Deep Eutectic Solvent: an Efficient and Recyclable Catalytic System for the Synthesis of Imidazo[1,2- <i>a</i>]pyridines. <i>ChemCatChem</i> , 2014, 6, 2854-2859.	1.8	109
18	Ultrasound-assisted synthesis of pyrroles catalyzed by zirconium chloride under solvent-free conditions. <i>Ultrasonics Sonochemistry</i> , 2008, 15, 673-676.	3.8	99

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19	A recyclable magnetic nanoparticles supported antimony catalyst for the synthesis of N-substituted pyrroles in water. <i>Applied Catalysis A: General</i> , 2013, 457, 34-41.	2.2	99
20	Montmorillonite Clay Catalysis. Part 7.1 An Environmentally Friendly Procedure for the Synthesis of Coumarins via Pechmann Condensation of Phenols with Ethyl Acetoacetate. <i>Journal of Chemical Research Synopses</i> , 1998, , 38-39.	0.3	95
21	CuBr ₂ -Catalyzed Synthesis of Bis(indolyl)methanes. <i>Synthetic Communications</i> , 2005, 35, 1997-2004.	1.1	95
22	Highly efficient three-component, one-pot synthesis of dihydropyrano[3,2-c]chromene derivatives. <i>Monatshefte für Chemie</i> , 2010, 141, 1107-1112.	0.9	95
23	One-Pot, Three-Component Synthesis of a Library of Spirooxindole-Pyrimidines Catalyzed by Magnetic Nanoparticle Supported Dodecyl Benzenesulfonic Acid in Aqueous Media. <i>ACS Combinatorial Science</i> , 2012, 14, 335-341.	3.8	93
24	Antimony trichloride/SiO ₂ promoted synthesis of 9-ary-3,4,5,6,7,9-hexahydroanthene-1,8-diones. <i>Catalysis Communications</i> , 2008, 9, 1715-1719.	1.6	91
25	Amberlyst-15 as a new and reusable catalyst for regioselective ring-opening reactions of epoxides to 1°-alkoxy alcohols. <i>Journal of Molecular Catalysis A</i> , 2008, 296, 42-46.	4.8	88
26	Magnetic Nanoparticles (CoFe ₂ O ₄)-Supported Phosphomolybdate as an Efficient, Green, Recyclable Catalyst for Synthesis of 1°-Hydroxy Hydroperoxides. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2952-2959.	2.1	87
27	Nano-CoFe ₂ O ₄ supported molybdenum as an efficient and magnetically recoverable catalyst for a one-pot, four-component synthesis of functionalized pyrroles. <i>New Journal of Chemistry</i> , 2014, 38, 2435.	1.4	87
28	One-pot four-component synthesis of highly substituted pyrroles in gluconic acid aqueous solution. <i>Tetrahedron</i> , 2013, 69, 7011-7018.	1.0	86
29	Magnetic Fe ₃ O ₄ Nanoparticles as New, Efficient, and Reusable Catalysts for the Synthesis of Quinoxalines in Water. <i>Australian Journal of Chemistry</i> , 2010, 63, 1290.	0.5	85
30	Choline chloride and lactic acid: A natural deep eutectic solvent for one-pot rapid construction of spiro[indoline-3,4'-pyrazolo[3,4-b]pyridines]. <i>Journal of Molecular Liquids</i> , 2019, 278, 124-129.	2.3	85
31	A magnetic metal organic framework material as a highly efficient and recyclable catalyst for synthesis of cyclohexenone derivatives. <i>Journal of Catalysis</i> , 2020, 387, 39-46.	3.1	85
32	Magnetically separable graphene oxide anchored sulfonic acid: a novel, highly efficient and recyclable catalyst for one-pot synthesis of 3,6-di(pyridin-3-yl)-1H-pyrazolo[3,4-b]pyridine-5-carbonitriles in deep eutectic solvent under microwave irradiation. <i>RSC Advances</i> , 2016, 6, 106160-106170.	1.7	79
33	Lithium Bromide as a Mild, Efficient, and Recyclable Catalyst for the One-Pot Synthesis of Tetrahydro-4 <i>H</i> -Chromene Derivatives in Aqueous Media. <i>Synthetic Communications</i> , 2010, 40, 587-594.	1.1	78
34	Nickel chloride-catalyzed one-pot three-component synthesis of pyrazolophthalazinyl spirooxindoles. <i>Tetrahedron</i> , 2011, 67, 7426-7430.	1.0	74
35	2,4,6-Trichloro-1,3,5-Triazine-Promoted Synthesis of 1,8-Dioxo-Octahydroxanthenes under Solvent-Free Conditions. <i>Australian Journal of Chemistry</i> , 2008, 61, 77.	0.5	73
36	NbCl ₅ : an efficient catalyst for one-pot synthesis of 1°-aminophosphonates under solvent-free conditions. <i>Applied Organometallic Chemistry</i> , 2011, 25, 47-53.	1.7	73

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37	ZrOCl ₂ ·8H ₂ O: a highly efficient catalyst for the synthesis of 1,8-dioxo-octahydroxanthene derivatives under solvent-free conditions. <i>Applied Organometallic Chemistry</i> , 2009, 23, 165-169.	1.7	71
38	Meglumine catalyzed expeditious four-component domino protocol for synthesis of pyrazolopyranopyrimidines in aqueous medium. <i>RSC Advances</i> , 2014, 4, 51580-51588.	1.7	69
39	Synthesis 12-Aryl or 12-Alkyl-8,9,10,12-tetrahydrobenzo[a]xanthen-11-one derivatives catalyzed by dodecatungstophosphoric acid. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 1939-1943.	0.6	66
40	Magnetic CoFe ₂ O ₄ nanoparticle immobilized N-propyl diethylenetriamine sulfamic acid as an efficient and recyclable catalyst for the synthesis of amides via the Ritter reaction. <i>Applied Catalysis A: General</i> , 2014, 482, 258-265.	2.2	66
41	Magnetic carbon nanotube supported Cu (CoFe ₂ O ₄ /CNT-Cu) catalyst: A sustainable catalyst for the synthesis of 3-nitro-2-arylimidazo[1,2-a]pyridines. <i>Catalysis Communications</i> , 2016, 78, 26-32.	1.6	66
42	One-pot three-component synthesis of functionalized spirooxindoles in gluconic acid aqueous solution. <i>Tetrahedron</i> , 2013, 69, 2056-2061.	1.0	64
43	Sulfamic Acid Catalysed Acetylation of Alcohols and Phenols with Acetic Anhydride. <i>Synthetic Communications</i> , 1998, 28, 3173-3177.	1.1	63
44	Nano CoFe ₂ O ₄ supported antimony(III) as an efficient and recyclable catalyst for one-pot three-component synthesis of multisubstituted pyrroles. <i>RSC Advances</i> , 2014, 4, 12929-12943.	1.7	63
45	A Highly Effective Sulfamic Acid/Methanol Catalytic System for the Synthesis of Benzimidazole Derivatives at Room Temperature. <i>Monatshefte für Chemie</i> , 2007, 138, 89-94.	0.9	62
46	Multicomponent, solvent-free synthesis of 12-aryl-8,9,10,12-tetrahydrobenzo[a]-xanthen-11-one derivatives catalysed by cyanuric chloride. <i>Journal of Chemical Sciences</i> , 2010, 122, 427-432.	0.7	61
47	Montmorillonite Clay Catalysis. Part 4.1 An Efficient and Convenient Procedure for Preparation of 1,1-Diacetates from Aldehydes. <i>Journal of Chemical Research Synopses</i> , 1997, , 174-175.	0.3	60
48	Highly efficient three-component synthesis of 1H-indazolo[1,2-b]phthalazinetrione derivatives catalyzed by heteropolyacids. <i>Monatshefte für Chemie</i> , 2010, 141, 425-430.	0.9	60
49	Synthesis of 2-substituted benzimidazoles by iodine-mediated condensation of orthoesters with 1,2-phenylenediamines. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 1509-1512.	1.4	58
50	An efficient Friedel-Crafts alkylation of nitrogen heterocycles catalyzed by antimony trichloride/montmorillonite K-10. <i>Tetrahedron Letters</i> , 2009, 50, 916-921.	0.7	58
51	Copper anchored on phosphorus g-C ₃ N ₄ as a highly efficient photocatalyst for the synthesis of <i>i</i> -N-arylpyridin-2-amines. <i>Green Chemistry</i> , 2021, 23, 1041-1049.	4.6	58
52	Synthesis of enamines and enamine esters catalysed by ZrOCl ₂ ·8H ₂ O. <i>Catalysis Communications</i> , 2007, 8, 1615-1620.	1.6	57
53	l-(+)-Tartaric acid and choline chloride based deep eutectic solvent: An efficient and reusable medium for synthesis of N-substituted pyrroles via Clauson-Kaas reaction. <i>Journal of Molecular Liquids</i> , 2014, 198, 259-262.	2.3	57
54	Cobalt(II) chloride-mediated synthesis of beta-enamino compounds under solvent-free conditions. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1447-1451.	0.6	55

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55	Visible Light-Initiated Catalyst-Free One-Pot, Multicomponent Construction of 5-Substituted Indole Chromeno[2,3-b]pyridines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5182-5190.	2.1	55
56	A magnetic metal-organic framework as a highly active heterogeneous catalyst for one-pot synthesis of 2-substituted alkyl and aryl(indolyl)kojic acid derivatives. <i>New Journal of Chemistry</i> , 2017, 41, 7108-7115.	1.4	54
57	Montmorillonite clay catalysis VI: An efficient and facile procedure for deprotection of 1,1-diacetates. <i>Tetrahedron Letters</i> , 1997, 38, 3285-3288.	0.7	53
58	Preparation of amidoalkyl naphthols by a three-component reaction catalyzed by 2,4,6-trichloro-1,3,5-triazine under solvent-free conditions. <i>Monatshefte für Chemie</i> , 2009, 140, 199-203.	0.9	53
59	Ionic liquid supported on magnetic nanoparticles as highly efficient and recyclable catalyst for the synthesis of β -keto enol ethers. <i>Catalysis Communications</i> , 2014, 46, 118-122.	1.6	52
60	Visible-Light-Mediated Oxidative Amidation of Aldehydes by Using Magnetic CdS Quantum Dots as a Photocatalyst. <i>Chemistry - A European Journal</i> , 2021, 27, 5483-5491.	1.7	52
61	An Efficient and Facile Procedure for the Deprotection of 1,1-Diacetates Catalysed by Expansive Graphite. <i>Synthetic Communications</i> , 1997, 27, 3379-3383.	1.1	51
62	An Efficient and Convenient Procedure for Preparation of 1,1-Diacetates from Aldehydes Catalysed by Expansive Graphite. <i>Synthetic Communications</i> , 1997, 27, 2261-2266.	1.1	50
63	Meglumine catalyzed one-pot, three-component combinatorial synthesis of pyrazoles bearing a coumarin unit. <i>RSC Advances</i> , 2015, 5, 25625-25633.	1.7	49
64	One-pot three-component synthesis of 1,2,3-triazoles using magnetic NiFe ₂ O ₄ -glutamate-Cu as an efficient heterogeneous catalyst in water. <i>RSC Advances</i> , 2015, 5, 59167-59185.	1.7	49
65	Applications of Zirconium (IV) Compounds in Organic Synthesis. <i>Current Organic Chemistry</i> , 2009, 13, 1-30.	0.9	48
66	Indium tribromide in poly(ethylene glycol)(PEG): a novel and efficient recycle system for chemoselective deprotection of 1,1-diacetates. <i>Green Chemistry</i> , 2004, 6, 563.	4.6	47
67	Copper-decorated covalent organic framework as a heterogeneous photocatalyst for phosphorylation of terminal alkynes. <i>Green Chemistry</i> , 2022, 24, 4071-4081.	4.6	47
68	A Rapid Preparation of Acylals of Aldehydes Catalysed by Fe ³⁺ -Montmorillonite. <i>Synthetic Communications</i> , 1998, 28, 4665-4671.	1.1	44
69	An Effective Bismuth Trichloride-Catalyzed Synthesis of 1,8-Dioxo-Octahydroxanthenes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 1672-1678.	0.8	44
70	Photocontrolled Reversible Luminescent Lanthanide Molecular Switch Based on a Diarylethene-Europium Dyad. <i>Inorganic Chemistry</i> , 2016, 55, 7962-7968.	1.9	44
71	Eosin Y-catalyzed one-pot synthesis of spiro[4H-pyran-oxindole] under visible light irradiation. <i>Tetrahedron</i> , 2020, 76, 131059.	1.0	44
72	A highly efficient and recyclable cobalt ferrite chitosan sulfonic acid magnetic nanoparticle for one-pot, four-component synthesis of 2H-indazolo[2,1-b]phthalazine-triones. <i>RSC Advances</i> , 2014, 4, 51089-51097.	1.7	41

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73	Evaluation of natural deep eutectic solvents for the extraction of bioactive flavone C-glycosides from <i>Flos Trollii</i> . <i>Microchemical Journal</i> , 2019, 145, 180-186.	2.3	41
74	Deep Eutectic Solvent Catalyzed One-Pot Synthesis of 4,7-Dihydro-1 <i>H</i> -pyrazolo[3,4- <i>b</i>]pyridine-5-carbonitriles. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 846.	0.6	41
75	Visible-Light-Initiated One-Pot, Three-Component Synthesis of 2-Amino-4 <i>H</i> -pyran-3,5-dicarbonitrile Derivatives. <i>ACS Combinatorial Science</i> , 2019, 21, 685-691.	3.8	40
76	A facile and efficient method for synthesis of xanthone derivatives catalyzed by HBF ₄ /SiO ₂ under solvent-free conditions. <i>Monatshefte für Chemie</i> , 2009, 140, 1481-1483.	0.9	39
77	2,4,6-Trichloro-1,3,5-triazine as an Efficient Catalyst for Synthesis of Benzopyran Derivatives under Solvent-Free Conditions. <i>Synthetic Communications</i> , 2008, 38, 4474-4479.	1.1	37
78	PEG (300)-PdCl ₂ promoted efficient and convenient Suzuki-Miyaura coupling of aryl chlorides with arylboronic acids. <i>Tetrahedron</i> , 2006, 62, 9359-9364.	1.0	36
79	Efficient and Convenient Method for the Synthesis of Symmetrical Triindolylmethanes Catalyzed by Iodine. <i>Synthetic Communications</i> , 2007, 37, 209-215.	1.1	34
80	An improved procedure for the synthesis of arylboronates by palladium-catalyzed coupling reaction of aryl halides and <i>bis</i> (pinacolato)diboron in polyethylene glycol. <i>Applied Organometallic Chemistry</i> , 2011, 25, 537-541.	1.7	34
81	Low melting oxalic acid/proline mixture as dual solvent/catalyst for efficient synthesis of 13-aryl-13 <i>H</i> -benzo[<i>g</i>]benzothiazolo[2,3- <i>b</i>]buzinazoline-5,4-diones under microwave irradiation. <i>Journal of Molecular Liquids</i> , 2017, 242, 606-611.	2.3	34
82	Indium Tribromide: A Water-Tolerant Green Lewis Acid. <i>Synlett</i> , 2005, 2005, 711-712.	1.0	33
83	Montmorillonite Clay Catalysis VI: Synthesis of Triarylmethanes via Baeyer Condensation of Aromatic Aldehydes with <i>N,N</i> -Dimethylaniline Catalysed by Montmorillonite K-10. <i>Synthetic Communications</i> , 1997, 27, 3823-3828.	1.1	32
84	Highly Efficient Low Melting Mixture Catalyzed Synthesis of 1,8-dioxo-dodecahydroxanthene Derivatives. <i>Chinese Journal of Chemistry</i> , 2013, 31, 757-763.	2.6	32
85	A solvent-free synthesis of β -amino- α,β -unsaturated ketones and esters catalysed by sulfated zirconia. <i>Journal of Chemical Research</i> , 2005, 2005, 817-820.	0.6	31
86	Xanthan Sulfuric Acid as an Efficient Biodegradable and Recyclable Catalyst for the One-Pot Synthesis of β -Amino Phosphonates. <i>Journal of the Chinese Chemical Society</i> , 2010, 57, 1315-1320.	0.8	31
87	A General and Practical Approach for the Synthesis of 1,2,4-Trioxanes Catalyzed by Silica-Ferric Chloride. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3618-3625.	2.1	31
88	Recent Applications of Zirconium Compounds as Catalysts or Reagents in Organic Synthesis. <i>Current Organic Chemistry</i> , 2011, 15, 3800-3823.	0.9	30
89	Choline chloride and itaconic acid-based deep eutectic solvent as an efficient and reusable medium for the preparation of 13-aryl-5 <i>H</i> -dibenzo[<i>b,i</i>]xanthene-5,7,12,14(13 <i>H</i>)-tetraones. <i>Monatshefte für Chemie</i> , 2016, 147, 801-808.	0.9	29
90	A New and Efficient Procedure for Friedländer Synthesis of Quinolines in Low Melting Tartaric Acid-Urea Mixtures. <i>Australian Journal of Chemistry</i> , 2012, 65, 409.	0.5	28

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91	A practical and efficient procedure for the cleavage of acylals to aldehydes catalyzed by indium tribromide in water. <i>Tetrahedron Letters</i> , 2005, 46, 889-893.	0.7	27
92	Disodium Hydrogen Phosphate as an Efficient and Cheap Catalyst for the Synthesis of 2-Aminochromenes. <i>Synthetic Communications</i> , 2011, 41, 3477-3484.	1.1	27
93	Mild and Efficient Procedure for the Synthesis of 1,5-Benzodiazepines Catalyzed by Magnesium Perchlorate. <i>Synthetic Communications</i> , 2006, 36, 1645-1654.	1.1	26
94	One-Pot Three-Component Synthesis of Spirooxindoles Catalyzed by Hexamethylenetetramine in Water. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 61-65.	1.4	26
95	Catalyst Free Synthesis of Bis(Indolyl)Methanes and 3,3-Bis(Indolyl)oxindoles in Aqueous Ethyl Lactate. <i>ChemistrySelect</i> , 2017, 2, 11561-11564.	0.7	26
96	Montmorellonite Clays Catalysis Ix1: A Mild and Efficient Method for Removal of Tetrahydropyranyl Ethers. <i>Synthetic Communications</i> , 1999, 29, 181-188.	1.1	25
97	Sodium Hydrogen Sulfate in Poly(ethylene glycol). An Efficient Recyclable System for the Deprotection of 1,1-Diacetates. <i>Monatshefte für Chemie</i> , 2005, 136, 1191-1195.	0.9	25
98	Fluoroboric Acid Adsorbed on Silica-Gel-Catalyzed Synthesis of 14-Aryl-14H-dibenzo[<i>a,j</i>]xanthene Derivatives. <i>Synthetic Communications</i> , 2009, 39, 580-589.	1.1	24
99	Magnetic Metal-Organic Framework CoFe ₂ O ₄ @SiO ₂ @IRMOF-3 as an Efficient Catalyst for One-Pot Synthesis of Functionalized Dihydro-2-oxopyrroles. <i>Synlett</i> , 2017, 28, 734-740.	1.0	24
100	Synthesis, characterization and catalytic performance of palladium supported on pyridine-based covalent organic polymer for Suzuki-Miyaura reaction. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5172.	1.7	23
101	A General, Efficient and Green Procedure for Synthesis of Dihydropyrimidine-5-carboxamides in Low Melting Betaine Hydrochloride/Urea Mixture. <i>Chinese Journal of Chemistry</i> , 2016, 34, 637-645.	2.6	22
102	Syntheses and applications of perovskite-based photocatalysts in light-driven organic reactions. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021, 27, 100390.	3.2	21
103	Application of Covalent Organic Framework Materials as Heterogeneous Ligands in Organic Synthesis. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 3826.	0.6	21
104	NbCl ₅ as an efficient catalyst for rapid synthesis of quinoxaline derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 703-706.	1.4	20
105	An efficient and convenient protocol for the synthesis of diaminotriarylmethanes. <i>Monatshefte für Chemie</i> , 2011, 142, 495-499.	0.9	20
106	Synthesis Of Diacetals By Condensation Of Carbonyl Compounds With Bis(Hydrox) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (Ymet 1601-1606.	1.1	19
107	Efficient Conversion of Epoxides into β -Hydroperoxy Alcohols Catalyzed by Antimony Trichloride/SiO ₂ . <i>Synthesis</i> , 2008, 2008, 3314-3318.	1.2	19
108	AN EFFICIENT AND FACILE PROCEDURE FOR DEPROTECTION OF 1,1-DIACETATES USING ANHYDROUS FERROUS SULFATE. <i>Organic Preparations and Procedures International</i> , 1998, 30, 463-466.	0.6	17

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109	Montmorillonite Clays Catalysis. Part 12.1 An Efficient and Practical Procedure for Synthesis of Diacetals from 2,2-Bis(hydroxymethyl)propane-1,3-diol with Carbonyl Compounds. <i>Journal of Chemical Research Synopses</i> , 1998, , 640-641.	0.3	17
110	A Simple and Efficient Procedure for Deprotection of Tetrahydropyranyl Ethers Catalysed by Expansive Graphite. <i>Journal of Chemical Research Synopses</i> , 1998, , 152-153.	0.3	16
111	Simple and efficient approach for synthesis of hydrazones from carbonyl compounds and hydrazides catalyzed by meglumine. <i>Synthetic Communications</i> , 2017, 47, 178-187.	1.1	16
112	Catalyst free one-pot synthesis of α -aminophosphonates in aqueous ethyl lactate. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 528-532.	0.8	16
113	Direct separation of the enantiomers of cetirizine and related compounds by reversed-phase chiral HPLC. <i>Chromatographia</i> , 2002, 56, 233-235.	0.7	14
114	A multi-responsive molecular switch based on a diarylethene derivative containing dinitrobenzenesulfonic amide groups. <i>Dyes and Pigments</i> , 2017, 136, 354-360.	2.0	13
115	An Efficient Ni/Pd Catalyzed Chemoselective Synthesis of 1,3,2-Benzodiazaborininones from Boronic Acids and Anthranilamides. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5018-5024.	2.1	13
116	Nickel supported on magnetic biochar as a highly efficient and recyclable heterogeneous catalyst for the one-pot synthesis of spirooxindole-dihydropyridines. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	13
117	An efficient conversion of β -diketones into β -keto enol ethers with P2O5/SiO2 under solvent-free conditions. <i>Journal of Chemical Research</i> , 2006, 2006, 390-392.	0.6	12
118	Magnetic copper ferrite catalyzed homo- and cross-coupling reaction of terminal alkynes under ambient atmosphere. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3888.	1.7	12
119	Palladium anchored on a covalent organic framework as a heterogeneous catalyst for phosphorylation of aryl bromides. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6480.	1.7	12
120	Indium tribromide/[bmim]PF6: A novel and recyclable catalytic system for the deprotection of 1,1-diacetates. <i>Journal of Chemical Research</i> , 2004, 2004, 753-755.	0.6	11
121	Synthesis, characterization and application of magnetic biochar sulfonic acid as a highly efficient recyclable catalyst for preparation of spiro-pyrazolo[3,4-b]pyridines. <i>Research on Chemical Intermediates</i> , 2022, 48, 1249-1272.	1.3	11
122	Rapid and Efficient Trimethylsilyl Protection of Hydroxyl Groups Catalyzed by Niobium(V) Chloride. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 186, 88-93.	0.8	10
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