

Xinwei He

List of Publications by Year in descending order

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69
papers

1,174
citations

394421

19
h-index

454955

30
g-index

85
all docs

85
docs citations

85
times ranked

1061
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Isocoumarins from Cyclic 2-Diazo-1,3-diketones and Benzoic Acids via Rh(III)-Catalyzed C-H Activation and Esterification. <i>Journal of Organic Chemistry</i> , 2017, 82, 2081-2088.	3.2	72
2	Synthesis of coumarin-3-carboxylic esters via FeCl ₃ -catalyzed multicomponent reaction of salicylaldehydes, Meldrum's acid and Alcohols. <i>Tetrahedron</i> , 2015, 71, 863-868.	1.9	60
3	FeCl ₃ -Catalyzed Four-Component Nucleophilic Addition/Intermolecular Cyclization Yielding Polysubstituted Pyridine Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 8882-8888.	3.2	53
4	Copper-Catalyzed Efficient Multicomponent Reaction: Synthesis of Benzoxazoline-Amidine Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2709-2713.	4.3	51
5	Copper-Catalyzed Multicomponent Reaction: Synthesis of 4-Arylsulfonylimino-4,5-dihydrofuran Derivatives. <i>Journal of Organic Chemistry</i> , 2010, 75, 5743-5745.	3.2	50
6	New route synthesis of indolizines via 1,3-dipolar cycloaddition of pyridiniums and alkynes. <i>Tetrahedron Letters</i> , 2009, 50, 6981-6984.	1.4	44
7	Selective Synthesis of Aminoisoquinolines via Rh(III)-Catalyzed C-H/N-H Bond Functionalization of N-Aryl Amidines with Cyclic 2-Diazo-1,3-diketones. <i>Journal of Organic Chemistry</i> , 2018, 83, 13463-13472.	3.2	44
8	DMAP-catalyzed cascade reaction: one-pot synthesis of benzofurans in water. <i>Tetrahedron</i> , 2010, 66, 9629-9633.	1.9	40
9	FeCl ₃ -Catalyzed Cascade Reaction: An Efficient Approach to Functionalized Coumarin Derivatives. <i>Synthetic Communications</i> , 2014, 44, 1507-1514.	2.1	33
10	DMAP-Catalyzed Annulation Approach for Modular Assembly of Furan-Fused Chromenes. <i>Organic Letters</i> , 2020, 22, 9444-9449.	4.6	28
11	FeCl ₃ -Mediated One-Pot Domino Reactions for the Synthesis of 9-Aryl/9-Arylethynyl-2,3,4,9-tetrahydro-1H-xanthen-1-ones from Propargylic Amines/Diaryl Amines and 1,3-Cyclohexanediones. <i>Journal of Organic Chemistry</i> , 2016, 81, 2062-2069.	3.2	27
12	Organocatalytic Approach for Assembling Flavanones via a Cascade 1,4-Conjugate Addition/Oxa-Michael Addition between Propargylamines with Water. <i>Organic Letters</i> , 2020, 22, 4306-4310.	4.6	27
13	Direct carboxamidation of cyclic 2-diazo-1,3-diketones by Rh ₂ (OAc) ₄ -catalyzed isocyanide insertion-hydrolysis. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7127-7130.	2.8	24
14	Rapid Access of Alkynyl and Alkenyl Coumarins via a Dipyridinium Methylide and Propargylamine Cascade Reaction. <i>Organic Letters</i> , 2020, 22, 7348-7352.	4.6	22
15	Rh(III)-Catalyzed Relay Double Carbenoid Insertion and Diannulation of Sulfoximine Benzamides with $\hat{\pm}$ -Diazo Carbonyl Compounds: Access to Furo[2,3-c]isochromenes. <i>Organic Letters</i> , 2020, 22, 2506-2511.	4.6	22
16	Rh(III)-Catalyzed C-H Activation/Intramolecular Cyclization: Access to N-Acyl-2,3-dihydro-1H-carbazol-4(9H)-ones from Cyclic 2-Diazo-1,3-diketones and N-Arylamides. <i>ACS Omega</i> , 2017, 2, 8507-8516.	3.5	21
17	Rh(III)-catalyzed C-H activation of primary benzamides and tandem cyclization with cyclic 2-diazo-1,3-diketones for the synthesis of isocoumarins. <i>Tetrahedron</i> , 2018, 74, 7082-7088.	1.9	21
18	Rhodium(II) Acetate-Catalysed Cyclization of Pyrazol-5-amine and 1,3-Diketone-2-diazo Compounds Using N,N-Dimethylformamide as a Carbon-Hydrogen Source: Access to Pyrazolo[3,4-b]pyridines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3518-3524.	4.3	21

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19	Base-mediated 1,4-Conjugate Addition/Intramolecular 5-exo-dig Annulation of Propargylamines with Benzoylacetonitriles and α -Keto Esters for Polysubstituted Furans and Furo[3,4-c]coumarins Formation. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1874-1886.	4.3	21
20	FeCl ₃ -promoted tandem 1,4-conjugate addition/6-endo-dig cyclization/oxidation of propargylamines and benzoylacetonitriles/malononitriles: direct access to functionalized 2-aryl-4H-chromenes. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7191-7202.	2.8	20
21	Catalyst-Free Synthesis of 2,3-Dihydrobenzofurans via a Formal [4+1] Annulation of Propargylamines with Sulfur Ylides. <i>Journal of Organic Chemistry</i> , 2019, 84, 11623-11638.	3.2	20
22	Synthesis of 3,4,5-Trisubstituted Isoxazoles by the 1,3-Dipolar Cycloaddition Reaction of α -Azido Acrylates and Aromatic Oximes. <i>Synthesis</i> , 2014, 46, 510-514.	2.3	19
23	Divergent synthesis of 3,4-dihydrodibenzo[b,d]furan-1(2H)-ones and isocoumarins via additive-controlled chemoselective C or N bond cleavage. <i>New Journal of Chemistry</i> , 2018, 42, 1673-1681.	2.8	19
24	A ZnI ₂ -catalyzed regioselective cascade 1,4-conjugate addition/5-exo-dig annulation pathway for one-pot access to heterobiaryl frameworks. <i>Chemical Communications</i> , 2019, 55, 15069-15072.	4.1	18
25	Cascade Lactonization/Benzannulation of Propargylamines with Dimethyl 3-Oxoglutarate for Modular Assembly of Hydroxylated/Arene-Functionalized Benzo[<i>c</i>]chromen-6-ones. <i>Organic Letters</i> , 2021, 23, 6455-6460.	4.6	18
26	Syntheses of N-sulfonyl-N,N-disubstituted amidines via a three-component free-radical coupling reaction of tertiary amines and arenesulfonyl azides with terminal alkynes. <i>Science China Chemistry</i> , 2012, 55, 214-222.	8.2	17
27	Combinatorial synthesis of spiro[indoline-3,2-pyrrole] derivatives via a three-component reaction under catalyst-free conditions. <i>RSC Advances</i> , 2016, 6, 10412-10418.	3.6	17
28	FeCl ₃ -Mediated Synthesis of α -Alkynyl Ketones via Domino Nucleophilic-Substitution/Intramolecular-Cyclization/Reverse Claisen Condensation of N-Cyclohexyl Propargylamines and 1,3-Diketones. <i>Journal of Organic Chemistry</i> , 2015, 80, 4760-4765.	3.2	16
29	Synthesis of 3,4-diarylspiro[indoline-3,5-oxadiazol]ones via Domino Reactions and Their Antibacterial Activity. <i>Chinese Journal of Chemistry</i> , 2016, 34, 901-909.	4.9	16
30	Recent advances in rhodium-catalysed cross-dehydrogenative-coupling between two C(sp ²)-H bonds. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1992-2012.	4.5	16
31	Novel syntheses of pyrrolo[2,1-a]isoquinolines via 1,3-dipolar cycloaddition between Isoquinoliniums and alkynes. <i>RSC Advances</i> , 2012, 2, 7681.	3.6	15
32	Highly efficient AgNO ₃ -catalyzed approach to 2-(benzo[d]azol-2-yl)phenols from salicylaldehydes with 2-aminothiophenol, 2-aminophenol and benzene-1,2-diamine. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4284.	3.5	15
33	Oxidative Rearrangement of Isatins with Arylamines Using H_2O_2 as Oxidant: A Facile Synthesis of Quinazoline-2,4-diones and Evaluation of Their Antibacterial Activity. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1835-1843.	4.9	14
34	Palladium-Catalyzed Cascade Decarboxylative Amination/6-endo-dig Benzannulation of α -Alkynylarylketones with N-Hydroxyamides To Access Diverse 1-Naphthylamine Derivatives. <i>Organic Letters</i> , 2020, 22, 3890-3894.	4.6	14
35	Rh-Catalyzed C-H activation/intramolecular condensation for the construction of benzo[f]pyrazolo[1,5-a][1,3]diazepines. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2893-2901.	2.8	14
36	A cascade double 1,4-addition/intramolecular annulation strategy for expeditious assembly of unsymmetrical dibenzofurans. <i>Communications Chemistry</i> , 2021, 4, .	4.5	14

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37	Synthesis of 2-Arylimino-6,7-dihydrobenzo[d][1,3]oxathiol-4(5H)-ones via Rh ₂ (OAc) ₄ -Catalyzed Reactions of Cyclic 2-Diazo-1,3-diketones with Aryl Isothiocyanates. <i>ACS Omega</i> , 2016, 1, 1277-1283.	3.5	13
38	One-pot synthesis of disulfide-linked N-sulfonylazetid-2-imines via a copper-catalyzed multicomponent cascade reaction. <i>Tetrahedron</i> , 2013, 69, 10134-10138.	1.9	11
39	Synthesis of 3,4-dihydro-2H-1,4-benzo[b]thiazine derivatives via DABCO-catalyzed one-pot three-component condensation reactions. <i>RSC Advances</i> , 2013, 3, 4643.	3.6	11
40	The efficient enantioselective synthesis of dihydropyrans via organocatalytic Michael addition reactions. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 796-801.	1.8	11
41	Expanding Application of Immobilized <i>Candida Antarctica</i> Lipase B: A Green Enzyme Catalyst for Knoevenagel Condensation Reaction. <i>Fibers and Polymers</i> , 2018, 19, 1611-1617.	2.1	11
42	Synthesis of oxazole and furan derivatives via Rh ₂ (OAc) ₄ -catalyzed C–X bond insertion of cyclic 2-diazo-1,3-diketones with nitriles and arylacetylenes. <i>Synthetic Communications</i> , 2018, 48, 2782-2792.	2.1	10
43	Synthesis of 4-styrylcoumarins via FeCl ₃ -promoted cascade reactions of propargylamines with β -keto esters. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4005-4013.	2.8	10
44	Rh(III)-Catalyzed Cascade Nucleophilic Addition/Annulation of 2-Diazo-1,3-diketones with 1,3-Dicarbonyl Compounds To Access 6,7-Dihydrobenzofuran-4(5H)-ones. <i>Journal of Organic Chemistry</i> , 2021, 86, 7370-7380.	3.2	10
45	Substituent-oriented C–N bond formation via N–H insertion or Wolff rearrangement of 5-aryl-1H-pyrazoles and diazo compounds. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9766-9771.	2.8	9
46	Construction of isoxazolone-fused phenanthridines via Rh-catalyzed cascade C–H activation/cyclization of 3-arylisoxazolones with cyclic 2-diazo-1,3-diketones. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 552-556.	2.8	9
47	Palladium-Catalyzed <i>exo</i> -Cyclization Cascade, Sequential Amination/Etherification for Stereoselective Construction of β -Methyleneindolinones. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2117-2123.	4.3	9
48	Rh-Catalyzed Formal [3+2] Cyclization for the Synthesis of 5-Aryl-2-(quinolin-2-yl)oxazoles and Its Applications in Metal Ions Probes. <i>Chinese Journal of Chemistry</i> , 2021, 39, 621-626.	4.9	9
49	Progress in Iron Complexes-Catalyzed Organic Reactions. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 1465.	1.3	9
50	Copper-catalyzed cascade three-component azide–alkyne cycloaddition/condensation/transesterification: easy access to 3-triazolylcoumarins. <i>New Journal of Chemistry</i> , 2020, 44, 12266-12273.	2.8	7
51	Rh-catalyzed C–N coupling of N-sulfonyl-1,2,3-triazoles with secondary amines for regioselective synthesis of phenylvinyl-1,2-diamines. <i>Synthetic Communications</i> , 2020, 50, 2685-2697.	2.1	7
52	Copper-Catalyzed Cascade 1,4-Addition/Annulation/Hydrolysis of Propargylamines with 2-Hydroxynaphthalene-1,4-diones: Direct Formation of 12-Phenacyl-11H-benzo[b]xanthenes. <i>Journal of Organic Chemistry</i> , 2021, 86, 4182-4192.	3.2	7
53	Ferrocenyl-isoxazole derivative: a novel electrochemical, colorimetric and fluorescent multiple signal probe for highly selective recognition of Cu ²⁺ ions. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 31-35.	2.6	6
54	Synthesis of polysubstituted phenyl acetates via FeCl ₃ -mediated domino reaction of 2-(aryl(piperidin-1-yl)methyl)phenols and 1,3-diketones. <i>Tetrahedron</i> , 2017, 73, 7017-7023.	1.9	6

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55	Ferrocenyl bisoxazoline as an efficient non-phosphorus ligand for palladium-catalyzed copper-free Sonogashira reaction in aqueous solution. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4156.	3.5	6
56	Synthesis of unsymmetrical urea derivatives <i>via</i> one-pot sequential three-component reactions of cyclic 2-diazo-1,3-diketones, carbodiimides, and 1,2-dihaloethanes. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4178-4182.	2.8	6
57	4-dimethylaminopyridine-catalyzed cascade reaction for efficient synthesis of naphthofurans. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 62-67.	2.6	4
58	DMAP-catalyzed cyclization of Schiff bases with α -halo ketones: Synthesis of 1,4-benzoxazines. <i>Synthetic Communications</i> , 2017, 47, 878-885.	2.1	4
59	Olelyamine-catalyzed Tandem Knoevenagel/Michael Addition of 1,3-Cyclohexanediones with Aromatic Aldehydes. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 186-190.	2.6	4
60	Palladacycles as Precatalysts for Heck and Sonogashira Cross-Coupling Reactions. , 2019, , 21-173.		4
61	Transition metal- and oxidant-free sulfonylation of 1-sulfonyl-1H-1,2,3-triazoles to enols for the synthesis of sulfonate derivatives. <i>Synthetic Communications</i> , 2019, 49, 959-972.	2.1	4
62	Rhodium(III)-Catalyzed Three-Component Cascade Annulation for Modular Assembly of <i>N</i> -Alkoxylated Isoindolinones with Quaternary Carbon Center. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2589-2595.	4.3	3
63	Selective synthesis of 2-(5-oxo-1-arylhex-1-en-3-yl)phenyl benzoates via FeCl ₃ -mediated cascade reactions of propargylamines with α -enamino ketones. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5676.	3.5	2
64	Iridium-catalyzed asymmetric hydrogenation of α -ketophosphonates with chiral ferrocenyl P,N-ligands. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6283.	3.5	2
65	Regiospecific Synthesis of 1-(3,4-Dihydro-2H-benzo[b][1,4]oxazin-3-yl)indolizine Derivatives Through a Three-step Sequence from 2-Arylindolizine. <i>Heterocycles</i> , 2018, 96, 2079.	0.7	2
66	Metal-Free Cascade Annulation Approach for Modular Assembly of Alkynyl/Benzoyl Functionalized Quinolines. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	2
67	Rh(III)-Catalyzed Cascade C-H Activation/Annulation of Cyclic 2-Diazo-1,3-diketones with Benzoylacetone nitriles to Polycyclic Benzo[de]chromenes. <i>Heterocycles</i> , 2022, 104, 764.	0.7	1
68	Assembly of pyran-fused isoquinolines via Rh-catalyzed double annulations of methyl benzimidates with diazo compounds. <i>Synthesis</i> , 0, 0, .	2.3	1
69	Meldrum's acid-induced and FeCl ₃ -catalyzed one-pot domino reactions for construction of bis(indolyl)methanes. <i>Synthetic Communications</i> , 2022, 52, 1155-1164.	2.1	1