Yanguang Wang

List of Publications by Year in descending order

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		159585	175258
100	3,170	30	52
papers	citations	h-index	g-index
101	101	101	2686
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Visible-light induced synthesis of 8H-indolo[3,2,1-de]phenanthridin-8-ones and related heterocycles using benzothiadiazole as photocatalyst. Tetrahedron Letters, 2022, 91, 153648.	1.4	1
2	Rh(<scp>iii</scp>)-Catalyzed C–H bond activation/annulation reactions of arylacyl ammonium salts with 4-diazoisochroman-3-imines and 4-diazoisoquinolin-3-ones. Organic and Biomolecular Chemistry, 2022, 20, 1900-1906.	2.8	5
3	Preparation and photoluminescent properties of amino 2,1,3â€benzoxadiazoles (Amâ€BODs) with Dâ€Aâ€D and Dâ€Aâ€A conjugation systems. Chemistry - an Asian Journal, 2022, , .	3.3	0
4	Cu(II)-Catalyzed Synthesis of 4-(1,4,5,6-Tetrahydropyridin-3-yl)-1,4-dihydroisoquinolin-3-ones from 4-Diazoisoquinolin-3-ones. Journal of Organic Chemistry, 2022, 87, 4088-4096.	3.2	3
5	Base Promoted Three-Component Annulation of 4-Diazoisochroman-3-imines with Dimethylsulfonium Ylides: Synthesis of Highly Functionalized Isochromeno [4,3- <i>c</i>) pyridazines. Journal of Organic Chemistry, 2021, 86, 455-465.	3.2	10
6	Recent advances in the synthesis of indole embedded heterocycles with 3-diazoindolin-2-imines. Organic Chemistry Frontiers, 2021, 8, 2059-2078.	4. 5	32
7	Syntheses of 4-allyl-/4-allenyl-4-(arylthio)-1,4-dihydroisoquinolin-3-ones <i>via</i> the photochemical Doyle–Kirmse reaction. Organic and Biomolecular Chemistry, 2021, 19, 6341-6345.	2.8	7
8	Synthesis of 4-boraneyl-1,4-dihydroisoquinolin-3-ones via copper-catalyzed Boron–Hydrogen bond insertion of 4-diazo-1,4-dihydroisoquinolin-3-ones into amine-borane adduct. Tetrahedron, 2021, 84, 132019.	1.9	2
9	Visible-Light-Induced Photocatalyst-Free Aerobic Hydroxyazidations of Indoles: A Highly Regioselective and Stereoselective Synthesis of trans-2-Azidoindolin-3-ols. Journal of Organic Chemistry, 2021, 86, 7955-7962.	3.2	7
10	Visible-Light-Induced C(sp $<$ sup $>$ 2 $<$ /sup $>$) \hat{a} \in "C(sp $<$ sup $>$ 3 $<$ /sup $>$) Coupling Reaction for the Regioselective Synthesis of 3-Functionalized Coumarins. Journal of Organic Chemistry, 2021, 86, 9552-9562.	3.2	8
11	Photocatalytic Approach for Construction of 5,6-Dihydroimidazo[2,1- <i>a</i>) isoquinolines and Their Luminescent Properties. Journal of Organic Chemistry, 2021, 86, 8101-8111.	3.2	13
12	Preparation of 4-Diazoisoquinolin-3-ones via Dimroth Rearrangement and Their Extension to 4-Aryltetrahydroisoquinolin-3-ones. Organic Letters, 2020, 22, 26-30.	4.6	26
13	Preparation and photophysical properties of quinazoline-based fluorophores. RSC Advances, 2020, 10, 30297-30303.	3.6	12
14	Preparation and Photoluminescent Properties of Three 5â€Amino Benzothiadiazoles (5â€amBTDs). Chemistry - an Asian Journal, 2020, 15, 3519-3526.	3.3	4
15	Syntheses of 2-Iminoindolin-3-ones and 2-Alknyl-2,3-dihydroquinazolin-4(1 <i>H</i>)-ones from 3-Diazoindolin-2-imines. Journal of Organic Chemistry, 2020, 85, 11766-11777.	3.2	10
16	TfOH-promoted synthesis of 4,5-dihydrooxazolo $[5,4-\langle i\rangle c\langle i\rangle]$ isoquinolines $\langle i\rangle via\langle i\rangle$ formal $[3+2]$ cycloaddition of 4-diazoisoquinolin-3-one and benzonitriles. Organic and Biomolecular Chemistry, 2020, 18, 7671-7676.	2.8	8
17	Synthesis of 8-Alkoxy-5 <i>H</i> -isochromeno[3,4- <i>c</i>]isoquinolines and 1-Alkoxy-4-arylisoquinolin-3-ols through Rh(III)-Catalyzed C–H Functionalization of Benzimidates with 4-Diazoisochroman-3-imines and 4-Diazoisoquinolin-3-ones. Journal of Organic Chemistry, 2020, 85, 5525-5535.	3.2	20
18	Co(III)-catalyzed reaction between 3-diazoindolin-2-imines and 1-pyrimidinylindoles for the synthesis of $2,3\hat{a}\in^2$ -biindoles. Tetrahedron, 2020, 76, 131371.	1.9	5

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19	Copper(I)-Promoted Trifluoromethylthiolation of 3-Diazoindolin-2-imines with AgSCF ₃ : Synthesis of 3-((Trifluoromethyl)thio)-2-aminoindoles. Chinese Journal of Organic Chemistry, 2020, 40, 3300.	1.3	4
20	General Approach To Construct Azepino [2,3- <i>b</i> i>i>ibi>â \in 2] diindoles, Azocino [2,3- <i>b</i> iiiiiii<	3.2	11
21	Emissions from a triphenylamine–benzothiadiazole–monocarbaborane triad and its applications as a fluorescent chemosensor and a white OLED component. Journal of Materials Chemistry C, 2019, 7, 2430-2435.	5.5	25
22	Copperâ€Catalyzed Dimerization of Sulfoxonium Ylides with 3â€Diazoindolinâ€2â€imines: A Practical and Efficient Approach to Spiro[cyclopropaneâ€1,3′â€indolin]â€2′â€imines. European Journal of Organic Chemis 2019, 2019, 4447-4456.	s127. y 4,	17
23	BF3-promoted reactions between aryl aldehydes and 3-diazoindolin-2-imines: Access to 2-amino-3-arylindoles. Tetrahedron, 2019, 75, 3779-3787.	1.9	3
24	Butterfly-shaped π-extended benzothiadiazoles as promising emitting materials for white OLEDs. Journal of Materials Chemistry C, 2019, 7, 6706-6713.	5.5	33
25	Copper-Carbene-Triggered Electrophilic Cyclization of $\langle i \rangle \circ \langle i \rangle$ -Hydroxyarylenaminones with 3-Diazoindolin-2-imines: Synthesis of 3-Indolyl-4 $\langle i \rangle$ + $\langle i \rangle$ -chromen-4-ones and Pyrido[2,3- $\langle i \rangle$ + $\langle i$	3.2	17
26	Palladium-Catalyzed Synthesis of 3-Haloindol-2-amines from 3-Diazoindolin-2-imines and Alkyl Halides. Journal of Organic Chemistry, 2019, 84, 6655-6668.	3.2	9
27	3-Amino-fluorene-2,4-dicarbonitriles (AFDCs) as Photocatalysts for the Decarboxylative Arylation of α-Amino Acids and α-Oxy Acids with Arylnitriles. Organic Letters, 2019, 21, 2130-2133.	4.6	36
28	Rh(III)-Catalyzed Synthesis of 3-Amino-4-arylisoquinolinones from 4-Diazoisochroman-3-imines and $\langle i \rangle N \langle i \rangle$ -Methoxybenzamides. Organic Letters, 2019, 21, 1497-1501.	4.6	24
29	Preparation of spiro[imidazolidine-4,3′-indolin]-2′-imines <i>via</i> copper(<scp>i</scp>)-catalyzed formal [2 + 2 + 1] cycloaddition of 3-diazoindolin-2-imines and triazines. Organic and Biomolecular Chemistry, 2019, 17, 8849-8852.	2.8	21
30	Polymorphism-dependent emissions of two phenoxazine derivatives. Dyes and Pigments, 2019, 161, 44-50.	3.7	14
31	Copper-catalyzed synthesis of 3-allyl-2-aminoindoles from 3-diazoindolin-2-imines and allyltrimethylsilane. Tetrahedron, 2019, 75, 1597-1604.	1.9	3
32	Preparation of Benzo[<i>c</i>]carbazol-6-amines via Manganese-Catalyzed Enaminylation of 1-(Pyrimidin-2-yl)-1 <i>H</i> -indoles with Ketenimines and Subsequent Oxidative Cyclization. Organic Letters, 2018, 20, 1426-1429.	4.6	40
33	A copper-catalyzed reaction of 3-diazoindolin-2-imines with 2-(phenylamino)ethanols: convenient access to spiro[indoline-3,2′-oxazolidin]-2-imines. Chemical Communications, 2018, 54, 1529-1532.	4.1	27
34	Rhodium-catalyzed reactions of 3-diazoindolin-2-imines with enamines and their extensions towards 5 H -pyrazino [2,3-b] indoles. Tetrahedron, 2018, 74, 2151-2157.	1.9	12
35	Convenient synthesis of 2-amino-3-(arylthio)indoles via the Rh-catalyzed reaction of 3-diazoindol-2-imines with thioesters. Organic and Biomolecular Chemistry, 2018, 16, 439-443.	2.8	18
36	Copper-Catalyzed Syntheses of 3-Allyl-3-arylthioindolin-2-imines and 3-Allenyl-3-arylthioindolin-2-imines from 3-Diazoindolin-2-imines. Journal of Organic Chemistry, 2018, 83, 13956-13964.	3.2	14

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37	Expression of anti-Kasha's emission from amino benzothiadiazole and its utilization for fluorescent chemosensors and organic light emitting materials. Journal of Materials Chemistry C, 2018, 6, 7864-7873.	5. 5	31
38	Turning on the solid emission from non-emissive 2-aryl-3-cyanobenzofurans by tethering tetraphenylethene for green electroluminescence. Materials Chemistry Frontiers, 2017, 1, 1858-1865.	5.9	27
39	From 1-Sulfonyl-4-aryl-1,2,3-triazoles to 1-Allenyl-5-aryl-1,2,3-triazoles. Journal of Organic Chemistry, 2017, 82, 5294-5300.	3.2	18
40	Rh-Catalyzed Annulations of <i>N</i> -Methoxybenzamides and Ketenimines: Sterically and Electronically Controlled Synthesis of Isoquinolinones and Isoindolinones. Journal of Organic Chemistry, 2017, 82, 3787-3797.	3.2	26
41	Rhodium-Catalyzed Cycloadditions between 3-Diazoindolin-2-imines and 1,3-Dienes. Organic Letters, 2017, 19, 1630-1633.	4.6	59
42	Convenient preparation of 4-diazoisochroman-3-imines and 3-subsituted 3,5-dihydroisochromeno[3,4-d][1,2,3]triazoles. Chemical Communications, 2017, 53, 3769-3772.	4.1	40
43	Oxazole-based high resolution ratiometric fluorescent probes for hydrogen peroxide detection. Sensors and Actuators B: Chemical, 2017, 247, 609-616.	7.8	24
44	4-Diazoisochroman-3-imines: A Class of Metal Carbene Precursors for the Synthesis of Isochromene Derivatives. Journal of Organic Chemistry, 2017, 82, 10953-10959.	3.2	24
45	Preparation of 2-Amino-3-arylindoles via Pd-Catalyzed Coupling between 3-Diazoindolin-2-imines and Arylboronic Acids as well as Their Extension to 3-Aryl-3-fluoroindolin-2-imines. Organic Letters, 2017, 19, 4604-4607.	4.6	29
46	BF ₃ -Promoted Divergent Reactions between Tryptophols and Propargylic Alcohols. Organic Letters, 2017, 19, 4114-4117.	4.6	27
47	Preparation of Spiro[indene-1,1′-isoindolin]-3′-ones via Sulfuric Acid-Promoted Cascade Cyclization. Journal of Organic Chemistry, 2017, 82, 8407-8418.	3.2	14
48	Rh-Catalyzed Conversion of 3-Diazoindolin-2-imines to $5 < i > H < /i >$ -Pyrazino[2,3- $< i > b < /i >$]indoles with Photoluminescent Properties. Organic Letters, 2017, 19, 6514-6517.	4.6	49
49	TfOH-Catalyzed Reaction between 3-Diazoindolin-2-imines and Electron-Rich Arenes: Access to 3-Aryl-2-aminoindoles. Journal of Organic Chemistry, 2017, 82, 12640-12646.	3.2	13
50	α-Amidino Rhodium Carbenes: Key Intermediates for the Preparation of (<i>E</i>)-2-Aminomethylene-3-oxoindoles and Pyranoindoles. Organic Letters, 2016, 18, 3682-3685.	4.6	34
51	Synthesis of 2,3â€Disubstituted Quinolines via Ketenimine or Carbodiimide Intermediates. Chemistry - A European Journal, 2016, 22, 15144-15150.	3.3	20
52	Construction of Pyrrolo $[1,2-\langle i\rangle a\langle i\rangle]$ indoles via Cobalt (III)-Catalyzed Enaminylation of $1-(Pyrimidin-2-yI)-1\langle i\rangle H\langle i\rangle$ -indoles with Ketenimines and Subsequent Base-Promoted Cyclization. Organic Letters, 2016, 18, 4706-4709.	4.6	46
53	Rh-Catalyzed annulations of N-methoxybenzamides with ketenimines: synthesis of 3-aminoisoindolinones and 3-diarylmethyleneisoindolinones with strong aggregation induced emission properties. Chemical Communications, 2016, 52, 10676-10679.	4.1	27
54	Preparation of 3-Aryl-2-aminoindoles via Rhodium-Catalyzed Coupling Reaction between 2-Arylpyridines and 3-Diazoindolin-2-imines. Journal of Organic Chemistry, 2016, 81, 9433-9437.	3.2	27

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55	Preparation of 3-azoindoles and 3-hydrazonoindolin-2-imines as well as their applications as NNO pincer ligands for boron. Organic and Biomolecular Chemistry, 2016, 14, 7114-7118.	2.8	9
56	Copper-Catalyzed Preparation of 2-Aryl-3-cyanobenzofurans with Bright Blue Photoluminescence. Organic Letters, 2016, 18, 728-731.	4.6	16
57	Preparation of 1,2,5â€Trisubstituted 1 <i>H</i> à€Imidazoles from Ketenimines and PropÂargÂylic Amines by Silverâ€Catalyzed or Iodineâ€Promoted Electrophilic Cyclization Reaction of Alkynes. European Journal of Organic Chemistry, 2015, 2015, 5789-5797.	2.4	31
58	Construction of Multifunctional 3-Amino-2-carbamimidoylacrylamides and Their Crystalline Channel-Type Inclusion Complexes. Journal of Organic Chemistry, 2015, 80, 5842-5850.	3.2	9
59	Preparation of 3-aryl-2-aminoindoles, 3-allyl-3-amino-2-iminoindolines, and tetrahydro-[1,4]diazepino[2,3-b]indoles from 3-diazoindolin-2-imines. Chemical Communications, 2015, 51, 11056-11059.	4.1	51
60	Copper-Catalyzed Cascade Double C3-Indolations of 3-Diazoindolin-2-imines with Indoles: Convenient Access to 3,3-Diaryl-2-iminoindoles. Organic Letters, 2015, 17, 1192-1195.	4.6	43
61	Lewis Acid Catalyzed Cascade Reaction of 3-(2-Benzenesulfonamide)propargylic Alcohols to Spiro[indene-benzosultam]s. Organic Letters, 2015, 17, 242-245.	4.6	28
62	Copper-catalyzed multi-component synthesis of acrylamidines and benzoimidazoles. Organic Chemistry Frontiers, 2015, 2, 1346-1351.	4.5	12
63	Rh-Catalyzed Reactions of 3-Diazoindolin-2-imines: Synthesis of Pyridoindoles and Tetrahydrofuropyrroloindoles. Organic Letters, 2015, 17, 4412-4415.	4.6	43
64	Threeâ€Component Synthesis of αâ€Aminoâ€Î±â€aryl Carbonitriles from Arynes, Aroyl Cyanides, and <i>N</i> , <i>N</i> ,6014, 1832-1835.	2.4	23
65	Recent Advances on the Lewis Acid-Catalyzed Cascade Rearrangements of Propargylic Alcohols and Their Derivatives. ACS Catalysis, 2014, 4, 1911-1925.	11.2	232
66	Preparation of 3-Diazoindolin-2-imines via Cascade Reaction between Indoles and Sulfonylazides and Their Extensions to 2,3-Diaminoindoles and Imidazo[4,5-b]indoles. Organic Letters, 2014, 16, 5096-5099.	4.6	83
67	Recent advances in transition-metal-catalyzed C–CN bond activations. RSC Advances, 2014, 4, 47806-47826.	3.6	72
68	Copper-Catalyzed Three-Component Synthesis of 3-Aminopyrazoles and 4-Iminopyrimidines via \hat{l}^2 -Alkynyl- $\langle i \rangle$ N $\langle i \rangle$ -sulfonyl Ketenimine Intermediates. Organic Letters, 2014, 16, 4814-4817.	4.6	42
69	Preparation of Triazoloindoles via Tandem Copper Catalysis and Their Utility as α-Imino Rhodium Carbene Precursors. Organic Letters, 2014, 16, 1244-1247.	4.6	143
70	Lewis acid-promoted cascade reaction of primary amine, 2-butynedioate, and propargylic alcohol: a convenient approach to 1,2-dihydropyridines and 1H-pyrrolo[3,4-b]pyridine-5,7(2H,6H)-diones. Tetrahedron, 2013, 69, 8353-8359.	1.9	29
71	Highly enantioselective three-component Povarov reaction catalyzed by SPINOL-phosphoric acids. RSC Advances, 2013, 3, 573-578.	3.6	42
72	Palladiumâ€Catalyzed Cyclocarbonylation of 2â€Halobenzaldehyde and Hydrazines: A Facile Synthesis of 2â€Aminoisoindolinâ€1â€ones. Chinese Journal of Chemistry, 2013, 31, 182-186.	4.9	6

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73	9,11,12,14â€Tetraaryldibenzo[<i>f</i> , <i>h</i>)imidazo[1,2â€ <i>b</i>]isoquinolines and Their Emission Responses to Solvent Polarity, Acidity, and Nitroarenes. European Journal of Organic Chemistry, 2013, 2013, 7320-7327.	2.4	3
74	Fluorescent chemosensors based on 9-cycloheptatrienylidene fluorenes (9-CHFs). New Journal of Chemistry, 2013, 37, 1645.	2.8	16
75	Copperâ€Mediated Cyanation of Aryl Halides by Activation of Benzyl Cyanide as the Cyanide Source. European Journal of Organic Chemistry, 2013, 2013, 4032-4036.	2.4	56
76	Palladium-catalyzed cyanide metathesis: utilization of benzyl cyanide as an operator-benign reagent for aryl halide cyanations. RSC Advances, 2012, 2, 6167.	3.6	64
77	3-Alkenylation or 3-Alkylation of Indole with Propargylic Alcohols: Construction of 3,4-Dihydrocyclopenta[<i>b</i>) indole and 1,4-Dihydrocyclopenta[<i>b</i>) indole in the Presence of Different Catalysts. Journal of Organic Chemistry, 2012, 77, 9510-9520.	3.2	76
78	The thriving chemistry of ketenimines. Chemical Society Reviews, 2012, 41, 5687.	38.1	232
79	Palladiumâ€Catalyzed Reaction of Arylamine and Diarylacetylene: Solventâ€Controlled Construction of 2,3â€Diarylindoles and Pentaarylpyrroles. European Journal of Organic Chemistry, 2012, 2012, 4380-4386.	2.4	42
80	Palladiumâ€Catalyzed Selective Synthesis of Naphthalenes and Indenones and Their Luminescent Properties. European Journal of Organic Chemistry, 2012, 2012, 824-830.	2.4	19
81	Tandem Reaction of Propargylic Alcohol, Sulfonamide, and <i>N</i> -lodosuccinimide: Synthesis of <i>N</i> -(2-lodoinden-1-yl)arenesulfonamide. Organic Letters, 2011, 13, 1024-1027.	4.6	81
82	Lewis Acid-Promoted Three-Component Reactions of Propargylic Alcohols with 2-Butynedioates and Secondary Amines. Journal of Organic Chemistry, 2011, 76, 8922-8929.	3.2	41
83	Tandem Reaction of Propargyl Alcohol and <i>N</i> -Sulfonylhydrazone: Synthesis of Dihydropyrazole and Its Utility in the Preparation of 3,3-Diarylacrylonitrile. Organic Letters, 2011, 13, 3553-3555.	4.6	42
84	Naphthalene-based fluorophores: Synthesis characterization, and photophysical properties. Journal of Luminescence, 2011, 131, 2775-2783.	3.1	32
85	One pot cascade synthesis of substituted 1,2,4-triazol-3-ones. Science Bulletin, 2010, 55, 2879-2884.	1.7	0
86	Copperâ€Catalyzed Oneâ€Pot Synthesis of Substituted Benzimidazoles. Advanced Synthesis and Catalysis, 2010, 352, 347-350.	4.3	72
87	Copperâ€Catalyzed Threeâ€Component Synthesis of 2â€lminodihydrocoumarins and 2â€lminocoumarins. Advanced Synthesis and Catalysis, 2010, 352, 1139-1144.	4.3	54
88	Copperâ€Catalyzed Fourâ€Component Reaction of Baylisâ€"Hillman Adducts with Alkynes, Sulfonyl Azides and Alcohols. Advanced Synthesis and Catalysis, 2010, 352, 2432-2436.	4.3	23
89	Strategies for Heterocyclic Synthesis via Cascade Reactions Based on Ketenimines. Synlett, 2010, 2010, 165-173.	1.8	42
90	A Facile Route to \hat{I}^3 -Nitro Imidates via Four-Component Reaction of Alkynes with Sulfonyl Azides, Alcohols, and Nitroolefins. Journal of Organic Chemistry, 2010, 75, 3481-3483.	3.2	62

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91	Electron Transfer and Aggregate Formation Coinduced Emission Enhancement of 9-Cycloheptatrienylidene Fluorenes in the Presence of Cupric Chloride. Journal of Physical Chemistry C, 2010, 114, 18702-18711.	3.1	9
92	Copperâ€Catalyzed Oneâ€Pot Synthesis of 2â€Alkylideneâ€1,2,3,4―tetrahydropyrimidines. Advanced Synthesis Catalysis, 2009, 351, 1768-1772.	and 4.3	69
93	lonic liquidâ€H ₂ O Resulting in a Highly Chemoselective Oxidation of Benzylic Alcohols in the Presence of Aliphatic Analogues Catalyzed by Immobilized TEMPO. Chinese Journal of Chemistry, 2009, 27, 587-592.	4.9	11
94	Efficient and Recyclable Reaction System for the Homocoupling of Terminal Acetylenes. Synthetic Communications, 2006, 36, 2503-2511.	2.1	32
95	Synthesis of Trisaccharide of Incanoside from Caryopteris incana. Synthetic Communications, 2004, 34, 515-522.	2.1	6
96	One-pot synthesis of isoxazolines and isoxazoles using soluble polymer-supported aldehyde. Journal of Chemical Research, 2004, 2004, 336-338.	1.3	5
97	Synthesis of A/B Ring Analogs of Territremâ€B and Evaluation of Their Biological Activities. Helvetica Chimica Acta, 2004, 87, 1832-1853.	1.6	4
98	An Efficient and Regioselective Deprotection Method for Acetylated Glycosides. Synthetic Communications, 2004, 34, 211-217.	2.1	11
99	Polyethylene Glycol Supported Chloro[1,3,5]triazine: A Novel Synthetic Auxiliary for the Liquid-Phase Synthesis of Alkynyl Benzamide Derivatives. Synthetic Communications, 2003, 33, 403-408.	2.1	10
100	Europium doped nanocrystalline titanium dioxide: preparation, phase transformation and photocatalytic properties. Journal of Materials Chemistry, 2003, 13, 2261.	6.7	105