Chao-Guo Yan

List of Publications by Year
in descending order

277 papers	5,721 citations	94433 37 h-index	149698 56 g-index
282 all docs	282 docs citations	282 times ranked	3331 citing authors

#	Article	IF	Citations
1	Tetraphenylethylene-based fluorescent porous organic polymers: preparation, gas sorption properties and photoluminescence properties. Journal of Materials Chemistry, 2011, 21, 13554.	6.7	150
2	Diastereoselective Synthesis of <i>trans</i>-2,3-Dihydrofurans with Pyridinium Ylide Assisted Tandem Reaction. Journal of Organic Chemistry, 2009, 74, 7403-7406.	3.2	142
3	Facile Synthesis of Dispirooxindole-Fused Heterocycles via Domino 1,4-Dipolar Addition and Dielsâ€“Alder Reaction of in Situ Generated Huisgen 1,4-Dipoles. Organic Letters, 2012, 14, 5172-5175.	4.6	142
4	Hydrothermal syntheses, structures and luminescent properties of d10 metalâ€“organic frameworks based on rigid 3,3â€²,5,5â€²-azobenzenetetracarboxylic acid. CrystEngComm, 2008, 10, 1395.	2.6	120
5	Porous Organic Polymers Based on Propeller-Like Hexaphenylbenzene Building Units. Macromolecules, 2011, 44, 5573-5577.	4.8	113
6	Synthesis of Polysubstituted Dihydropyridines by Four-Component Reactions of Aromatic Aldehydes, Malononitrile, Arylamines, and Acetylenedicarboxylate. Organic Letters, 2010, 12, 3678-3681.	4.6	111
7	Molecular Diversity of Threeâ€Component Reactions of Aromatic Aldehydes, Arylamines, and Acetylenedicarboxylates. European Journal of Organic Chemistry, 2011, 2011, 2981-2986.	2.4	94
8	Pyridinium Ylide-Assisted One-Pot Two-Step Tandem Synthesis of Polysubstituted Cyclopropanes. ACS Combinatorial Science, 2009, 11, 1007-1010.	3.3	88
9	Spiro(fluorene-9,9â€²-xanthene)-Based Porous Organic Polymers: Preparation, Porosity, and Exceptional Hydrogen Uptake at Low Pressure. Macromolecules, 2011, 44, 7987-7993.	4.8	76
10	Convenient Synthesis of Triphenylphosphanylidene Spiro[cyclopentane-1,3â€²-indolines] and Spiro[cyclopent[2]ene-1,3â€²-indolines] via Three-Component Reactions. Organic Letters, 2014, 16, 2654-2657.	4.6	76
11	Convenient synthesis of functionalized spiro[indoline-3,2â€²-pyrrolizines] or spiro[indoline-3,3â€²-pyrrolidines] via multicomponent reactions. Organic and Biomolecular Chemistry, 2015, 13, 5905-5917.	2.8	71
12	Synthesis of 3,4-Dihydropyridin-2(1H)-ones and 3,4-Dihydro-2H-pyrans via Four-Component Reactions of Aromatic Aldehydes, Cyclic 1,3-Carbonyls, Arylamines, and Dimethyl Acetylenedicarboxylate. ACS Combinatorial Science, 2011, 13, 421-426.	3.8	69
13	Selective Synthesis of Functionalized Spiro[indoline-3,2â€²-pyridines] and Spiro[indoline-3,4â€²-pyridines] by Lewis Acid Catalyzed Reactions of Acetylenedicarboxylate, Arylamines, and Isatins. Journal of Organic Chemistry, 2014, 79, 4131-4136.	3.2	67
14	Synthesis of Functionalized 2-Aminohydropyridines and 2-Pyridinones via Domino Reactions of Arylamines, Methyl Propiolate, Aromatic Aldehydes, and Substituted Acetonitriles. ACS Combinatorial Science, 2011, 13, 436-441.	3.8	65
15	Synthesis of Spiro[indolineâ€3,2â€²â€quinoline] Derivatives through a Fourâ€Component Reaction. European Journal of Organic Chemistry, 2012, 2012, 1976-1983.	2.4	63
16	Construction of Dispirocyclopentanebisoxindoles via Self-Domino Michael-Aldol Reactions of 3-Phenacylideneoxindoles. Journal of Organic Chemistry, 2013, 78, 8354-8365.	3.2	63
17	Efficient synthesis of pentasubstituted pyrroles via one-pot reactions of arylamines, acetylenedicarboxylates, and 3-phenacylideneoxindoles. Tetrahedron, 2012, 68, 8256-8260.	1.9	61
18	Selective Decoration of Metal Nanoparticles inside or outside of Organic Microstructures <i>via</i> Self-Assembly of Resorcinarene. ACS Nano, 2010, 4, 2129-2141.	14.6	59

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19	Facile synthesis of spiro[indoline-3,3â€²-pyrrolo[1,2-a]quinolines] and spiro[indoline-3,1â€²-pyrrolo[2,1-a]isoquinolines] via 1,3-dipolar cycloaddition reactions of heteroaromatic ammonium salts with 3-phenacylideneoxindoles. Organic and Biomolecular Chemistry, 2012, 10, 9452.	2.8	59
20	Microwave-assisted four-component, one-pot condensation reaction: an efficient synthesis of annulated pyridines. Organic and Biomolecular Chemistry, 2007, 5, 945.	2.8	58
21	Pd-Catalyzed Asymmetric Câ€“H Bond Activation for the Synthesis of P-Stereogenic Dibenzophospholes. Organometallics, 2019, 38, 3916-3920.	2.3	54
22	Synthesis of the functionalized spiro[indoline-3,5â€²-pyrroline]-2,2â€²-diones via three-component reactions of arylamines, acetylenedicarboxylates, and isatins. Tetrahedron, 2012, 68, 8539-8544.	1.9	51
23	Hydrothermal syntheses, structures and luminescent properties of Zn(ii) coordination polymers assembled with benzene-1,2,3-tricarboxylic acid involving in situ ligand reactions. CrystEngComm, 2011, 13, 2764.	2.6	50
24	Synthesis of functionalized 2-pyrrolidinones via domino reactions of arylamines, ethyl glyoxylate and acetylenedicarboxylates. Tetrahedron, 2013, 69, 589-594.	1.9	49
25	Molecular diversity of cycloaddition reactions of the functionalized pyridinium salts with 3-phenacylideneoxindoles. Tetrahedron, 2013, 69, 5841-5849.	1.9	48
26	Synthesis of Zwitterionic Salts of Pyridinium-Meldrum Acid and Barbiturate through Unique Four-component Reactions. ACS Combinatorial Science, 2010, 12, 260-265.	3.3	47
27	Selective Synthesis of Fused 1,4â€•and 1,2â€Dihydropyridines by Domino Reactions of Arylamines, Acetylenedicarboxylate, Aldehydes, and Cyclic 1,3â€Diketones. European Journal of Organic Chemistry, 2011, 2011, 6952-6956.	2.4	47
28	Diastereoselective construction of carbazole-based spirooxindoles <i>via</i> the Levy three-component reaction. Organic and Biomolecular Chemistry, 2020, 18, 163-168.	2.8	47
29	Diastereoselective synthesis of spiro[benzo[d]pyrrolo[2,1-b]thiazole-3,3â€²-indolines] via cycloaddition reaction of N-phenacylbenzothiazolium bromides and 3-methyleneoxindoles. Organic and Biomolecular Chemistry, 2015, 13, 10929-10938.	2.8	46
30	Synthesis of Dihydrothiophenes or Spirocyclic Compounds by Domino Reactions of 1,3-Thiazolidinedione. Journal of Organic Chemistry, 2009, 74, 3398-3401.	3.2	45
31	TfOH-Catalyzed One-Pot Domino Reaction for Diastereoselective Synthesis of Polysubstituted Tetrahydrospiro[carbazole-1,3â€²-indoline]s. Journal of Organic Chemistry, 2017, 82, 13277-13287.	3.2	44
32	Synthesis of visible-light mediated tryptanthrin derivatives from isatin and isatoic anhydride under transition metal-free conditions. Organic Chemistry Frontiers, 2018, 5, 51-54.	4.5	44
33	Two-carbon ring expansion of isatin: a convenient construction of a dibenzo[b,d]azepinone scaffold. Chemical Communications, 2016, 52, 6280-6283.	4.1	42
34	Supramolecular polymer networks based on pillar[5]arene: synthesis, characterization and application in the Fenton reaction. Chemical Communications, 2020, 56, 948-951.	4.1	42
35	Diastereoselective synthesis of dispirooxindoline fused [1,3]oxazines via Dielsâ€“Alder reaction of functionalized 1,2-dihydropyridines with (E)-1,3-dihydro-3-phenacylidene-2H-indol-2-ones. Tetrahedron, 2013, 69, 10235-10244.	1.9	40
36	Unprecedented formation of spiro[indoline-3,7â€²-pyrrolo[1,2-a]azepine] from multicomponent reaction of <scp>l</scp>-proline, isatin and but-2-ynedioate. RSC Advances, 2015, 5, 32786-32794.	3.6	40

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37	Formation of a series of stable pillar[5]arene-based pseudo[1]-rotaxanes and their [1]rotaxanes in the crystal state. Scientific Reports, 2016, 6, 28748.	3.3	40
38	Selfâ€Assembly and Metallization of Resorcinarene Microtubes in Water. Advanced Functional Materials, 2008, 18, 3981-3990.	14.9	39
39	Synthesis of 7â€²-Arylidenespiro[indoline-3,1â€²-pyrrolizines] and 7â€²-Arylidenespiro[indene-2,1â€²-pyrrolizines] via [3 + 2] Cycloaddition and Î²-Câ€“H Functionalized Pyrrolidine. Journal of Organic Chemistry, 2019, 84, 12437-12451.	3.2	39
40	Synthesis of complex dispirocyclopentanebisoxindoles viaÂcycloaddition reactions of 4-dimethylamino-1-alkoxycarbonylmethylpyridinium bromides with 2-oxoindolin-3-ylidene derivatives. Tetrahedron, 2014, 70, 2537-2545.	1.9	38
41	Visibleâ€Lightâ€Mediated Chlorosulfonylative Cyclizations of 1,6â€Enynes. Advanced Synthesis and Catalysis, 2018, 360, 4325-4329.	4.3	37
42	Synthesis of zwitterionic salts via three-component reactions of pyridacylpyridinum iodide, aromatic aldehydes, and Meldrum acid or N,N-dimethylbarbituric acid. Tetrahedron, 2010, 66, 7743-7748.	1.9	36
43	A [3 + 2]â€“[4 + 2]â€“[3 + 2] cycloaddition sequence of isoquinolinium ylide. Organic Chemistry Frontiers, 2017, 4, 354-357.	4.5	36
44	Visible-Light Mediated Hydrosilylative and Hydrophosphorylative Cyclizations of Enynes and Dienes. Organic Letters, 2020, 22, 1748-1753.	4.6	36
45	The molecular diversity of three-component reactions ofÂ4-dimethylamino- or 4-methoxypyridine with acetylenedicarboxylates and arylidene cyanoacetates. Tetrahedron, 2013, 69, 10565-10572.	1.9	35
46	Construction of Unique Eight- or Nine-Membered Polyheterocyclic Systems via Multicomponent Reaction of <scp>l</scp>-Proline, Alkyl Propiolate, and Isatin. Journal of Organic Chemistry, 2019, 84, 622-635.	3.2	35
47	Pillar[5]arene-based supramolecular assemblies with two-step sequential fluorescence enhancement for mitochondria-targeted cell imaging. Journal of Materials Chemistry C, 2020, 8, 15622-15625.	5.5	35
48	Preparation of Resorcinareneâ€Functionalized Gold Nanoparticles and Their Catalytic Activities for Reduction of Aromatic Nitro Compounds. Chinese Journal of Chemistry, 2010, 28, 705-712.	4.9	34
49	Selective Synthesis of 3-(9<i>H</i>-Carbazol-2-yl)indolin-2-ones and Spiro[tetrahydrocarbazole-3,3â€²-oxindoles] via a HOTf Catalyzed Three-Component Reaction. Journal of Organic Chemistry, 2018, 83, 5909-5919.	3.2	34
50	One-pot synthesis of 4-substituted isoquinolinium zwitterionic salts by metal-free Câ€“H bond activation. Chemical Communications, 2012, 48, 4492.	4.1	33
51	Visible-Light-Driven Chlorotrifluoromethylative and Chlorotrichloromethylative Cyclizations of Enynes. Journal of Organic Chemistry, 2019, 84, 7509-7517.	3.2	32
52	Visible-Light Mediated Diarylselenylative Cyclization of 1,6-Enynes. Journal of Organic Chemistry, 2021, 86, 1273-1280.	3.2	32
53	Synthesis of spiro[dihydropyridine-oxindoles] via three-component reaction of arylamine, isatin and cyclopentane-1,3-dione. Beilstein Journal of Organic Chemistry, 2013, 9, 8-14.	2.2	31
54	Synthesis, X-ray crystal structure and anti-tumor activity of calix[n]arene polyhydroxyamine derivatives. European Journal of Medicinal Chemistry, 2016, 123, 21-30.	5.5	31

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55	Construction of C(sp²)â€“X (X = Br, Cl) Bonds through a Copper-Catalyzed Atom-Transfer Radical Process: Application for the 1,4-Difunctionalization of Isoquinolinium Salts. Organic Letters, 2018, 20, 987-990.	4.6	31
56	Novel Method for the Synthesis of 1,3,5â€Triarylbenzenes from Ketones. Synthetic Communications, 2005, 35, 3167-3171.	2.1	30
57	Triethylamineâ€Catalyzed Domino Reactions of 1,3â€Thiazolidinedione: A Facile Access to Functionalized Dihydrothiophenes. European Journal of Organic Chemistry, 2009, 2009, 5247-5254.	2.4	30
58	Selective synthesis of spirooxindoles via a two-step reaction of N-phenacylpyridinium bromide, 1,3-indanedione and N-alkylisations. Organic and Biomolecular Chemistry, 2019, 17, 3978-3983.	2.8	30
59	Domino Reaction of Aromatic Aldehydes and 1,3-Indanediones for Construction of Bicyclo[2.2.2]octanes and Dibenzo[<i>b</i>,<i>g</i>]indeno[1â€²,2â€²:3,4]fluoreno[1,2-<i>d</i>]oxonines. Journal of Organic Chemistry, 2020, 85, 2168-2179.	3.2	30
60	Diastereoselective Synthesis of Tetrahydrospiro[carbazole-1,3â€²-indolines] via an InBr₃-Catalyzed Domino Dielsâ€“Alder Reaction. Journal of Organic Chemistry, 2021, 86, 5616-5629.	3.2	30
61	Development of Domino Reactions with<i>Î²</i>-Enamino Esters as Key Intermediates. Chinese Journal of Organic Chemistry, 2012, 32, 1577.	1.3	30
62	One-pot synthesis of 6,11-dihydro-5H-indolizino[8,7-b]indoles via sequential formation of Î²-enamino ester, Michael addition and Pictetâ€“Spengler reactions. RSC Advances, 2014, 4, 62817-62826.	3.6	29
63	Pillar[5]arene Based [1]rotaxane Systems With Redox-Responsive Host-Guest Property: Design, Synthesis and the Key Role of Chain Length. Frontiers in Chemistry, 2019, 7, 508.	3.6	29
64	Construction of dispirocyclohexyl-3,3â€²-bisoxindole and dispirocyclopentyl-3,3â€²-bisoxindole via domino cycloaddition reactions of N-benzylbenzimidazolium salts with 2-(2-oxoindolin-3-ylidene)acetates. RSC Advances, 2015, 5, 4475-4483.	3.6	28
65	Tandem Double [3 + 2] Cycloaddition Reactions at Both C-1 and C-3 Atoms of <i>N</i>-Cyanomethylisoquinolinium Ylide. ACS Omega, 2017, 2, 7820-7830.	3.5	28
66	Construction of Spiro[indolineâ€3,3â€²â€pyridazines] and Spiro[indeneâ€2,3â€²â€pyridazines] via TEMPOâ€Mediated Oxidative Azaâ€Dielsâ€Alder Reactions. European Journal of Organic Chemistry, 2019, 2019, 5882-5886.	2.4	28
67	Convergent Synthesis of Triindanone-Fused Spiro[bicyclo[2.2.2]octane-2,3â€²-indolines] via Domino Reaction of 1,3-Indanedione and 3-Methyleneoxindoles. Organic Letters, 2020, 22, 8931-8936.	4.6	28
68	Molecular Diversity of Threeâ€Component Reactions of <i>N</i>â€Benzylbenzimidazolium Salts, Isatin, and Malononitrile or Ethyl Cyanoacetate. European Journal of Organic Chemistry, 2012, 2012, 3157-3164.	2.4	27
69	Facile Synthesis of Spiro[indane-2,1â€²-pyrrolo[2,1-a]isoquinolines] via Three-Component Reaction of Isoquinolinium Salts, Indane-1,3-dione, and Isatins. Synthesis, 2014, 46, 1059-1066.	2.3	27
70	Domino Reactions of Vinyl Malononitriles with 3-Phenacylideneoxindoles for Efficient Synthesis of Functionalized Spirocyclic Oxindoles. ACS Combinatorial Science, 2014, 16, 271-280.	3.8	27
71	Diastereoselective synthesis of dispirooxindoles <i>via</i> [3+2] cycloaddition of azomethine ylides to 3-phenacylideneoxindoles and evaluation of their cytotoxicity. RSC Advances, 2018, 8, 23990-23995.	3.6	27
72	Rapid Oneâ€Pot Preparation of 2â€Substituted Benzimidazoles from Esters using Microwave Conditions. Synthetic Communications, 2006, 36, 2597-2601.	2.1	26

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73	HOAc-Mediated Domino Dielsâ€“Alder Reaction for Synthesis of Spiro[cyclohexane-1,3â€²-indolines] in Ionic Liquid [Bmim]Br. ACS Omega, 2018, 3, 5406-5416.	3.5	26
74	Molecular diversity of the three-component reaction of Î±-amino acids, dialkyl acetylenedicarboxylates and N-substituted maleimides. Organic and Biomolecular Chemistry, 2016, 14, 6497-6507.	2.8	25
75	Convenient construction of spiro[indoline-3,5'-pyrrolo[3,4-c]carbazole] and spiro[indene-2,5'-pyrrolo[3,4-c]carbazole] via acid-catalyzed Diels-Alder reaction. Chinese Chemical Letters, 2021, 32, 1253-1256.	9.0	25
76	Convenient Synthesis of Spiro[benzo[<i>d</i>]pyrrolo[2,1â€<i>b</i>]thiazoleâ€3,2â€²â€indenes] Derivatives via Threeâ€Component Reaction. Chinese Journal of Chemistry, 2016, 34, 412-418.	4.9	24
77	A [3+2] cycloaddition reaction for the synthesis of spiro[indoline-3,3â€²-pyrrolidines] and evaluation of cytotoxicity towards cancer cells. New Journal of Chemistry, 2019, 43, 8903-8910.	2.8	24
78	Pillar[5]arene-Based [2]Rotaxane: Synthesis, Characterization, and Application in a Coupling Reaction. Inorganic Chemistry, 2020, 59, 11915-11919.	4.0	24
79	Stereo- and Regioselective <i>cis</i>-Hydrophosphorylation of 1,3-Enynes Enabled by the Visible-Light Irradiation of NiCl₂(PPh₃)₂. Organic Letters, 2021, 23, 2981-2987.	4.6	24
80	Facile one-pot synthesis of spirooxindole-pyrrolidine derivatives and their antimicrobial and acetylcholinesterase inhibitory activities. New Journal of Chemistry, 2018, 42, 16211-16216.	2.8	23
81	Copper-Catalyzed Bromodifluoroacetylative Cyclization of Enynes. Journal of Organic Chemistry, 2020, 85, 15667-15675.	3.2	23
82	Facile construction of 1,2,6,7,12,12b-hexahydroindolo[2,3-a]quinolizines via one-pot three-component reactions of tryptamines, propiolate, and Î±,Î²-unsaturated aromatic aldehydes or ketones. Tetrahedron, 2013, 69, 5451-5459.	1.9	22
83	Three-Component Radical Iodonitrosylative Cyclization of 1,6-Enynes under Metal-Free Conditions. Organic Letters, 2021, 23, 5044-5048.	4.6	22
84	Visible-Light-Mediated Three-Component Radical Iodosulfonylative Cyclization of Enynes. Organic Letters, 2022, 24, 2515-2519.	4.6	22
85	Synthesis of 6a,6b,13,13a-tetrahydro-6H-5-oxa-12a-azadibenzo[a,g]fluorene derivatives via cycloaddition reactions of isoquinolinium salts with 3-nitrochromenes. Molecular Diversity, 2014, 18, 91-99.	3.9	21
86	Convenient Construction of Indanedioneâ€Fused 2,5â€Dihydropyridines, 4,5â€Dihydropyridines, and Spirooxindolines. European Journal of Organic Chemistry, 2016, 2016, 5423-5428.	2.4	21
87	Formation of diverse polycyclic spirooxindoles via three-component reaction of isoquinolinium salts, isatins and malononitrile. Scientific Reports, 2017, 7, 41024.	3.3	21
88	Diastereoselective synthesis of benzo[d]chromeno[3â€²,4â€²:3,4]pyrrolo[2,1-b]thiazoles via cycloaddition reaction of benzothiazolium salts with 3-nitrochromenes. RSC Advances, 2017, 7, 42387-42392.	3.6	21
89	Copper-Catalyzed Selective 1,2-Dialkylation of N-Heteroarenes via a Radical Addition/Reduction Process: Application for the Construction of Alkylated Dihydroazaarenes Derivatives. Journal of Organic Chemistry, 2018, 83, 6640-6649.	3.2	21
90	Efficient Synthesis of the Functionalized Spiro[indolineâ€3,4â€²â€pyridine] via Fourâ€component Reaction. Chinese Journal of Chemistry, 2012, 30, 1548-1554.	4.9	20

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91	A Threeâ€Component Reaction for the Synthesis of Diverse, Densely Substituted 2â€²,3â€²â€Dihydrospiro[indolineâ€3,6â€²â€[1,3]oxazine]s. European Journal of Organic Chemistry, 2014, 2014, 5598-5602.	2.4	20
92	Regioselective radical arylation: silver-mediated synthesis of 3-phosphorylated coumarins, quinolin-2(1<i>H</i>)-one and benzophosphole oxides. Organic and Biomolecular Chemistry, 2019, 17, 8175-8184.	2.8	20
93	Convenient construction of dibenzo[<i>b</i>,<i>d</i>]furanes and 2,6-diaryl-4-(2-hydroxyphenyl)pyridines <i>via</i> domino reaction of pyridinium ylides with 2-aryl-3-nitrochromenes. Organic Chemistry Frontiers, 2019, 6, 1428-1432.	4.5	20
94	Diastereoselective synthesis of dispiro[indoline-3,3â€²-furan-2â€²,3â€²â€²-pyrrolidine] via [3 + 2]cycloaddition reaction of MBH maleimides of isatins and 1,3-dicarbonyl compounds. Organic Chemistry Frontiers, 2020, 7, 3202-3208.	4.5	20
95	Diastereoselective synthesis of spiro[chromane-3,3â€²-indolines] and spiro[chromane-3,2â€²-indenes] via DBU promoted formal [4 + 2]cycloaddition reaction. Green Synthesis and Catalysis, 2022, 3, 53-58.	6.8	20
96	Four-component reaction of N-alkylimidazoles(N-alkylbenzimidazoles), dialkyl but-2-ynedioate, N-alkylisatins and malononitrile. RSC Advances, 2014, 4, 64466-64475.	3.6	19
97	Molecular diversity of the cyclization reaction of 3-methyleneoxindoles with 2-(3,4-dihydronaphthalen-1(2H)-ylidene)malononitriles. RSC Advances, 2016, 6, 23390-23395.	3.6	19
98	Resorcinarene Induced Assembly of Carotene and Lutein into Hierarchical Superstructures. Journal of the American Chemical Society, 2020, 142, 20583-20587.	13.7	19
99	Selective Synthesis of Diverse Spiro-oxindole-fluorene Derivatives via a DABCO-Promoted Annulation Reaction of Bindone and 3-Methyleneoxindoles. Journal of Organic Chemistry, 2021, 86, 14705-14719.	3.2	19
100	A facile synthesis of tricyclic skeleton of alkaloid 261C by double [3+2] cycloaddition of pyridinium ylide. Tetrahedron Letters, 2015, 56, 6711-6714.	1.4	18
101	Convenient synthesis of functionalized pyrrolo[3,4-b]pyridines and pyrrolo[3,4-b]quinolines via three-component reactions. RSC Advances, 2016, 6, 35609-35616.	3.6	18
102	Stepwise cycloaddition reaction of N-phenacylbenzothiazolium bromides and nitroalkenes for tetrahydro-, dihydro- and benzo[d]pyrrolo[2,1-b]thiazoles. Scientific Reports, 2017, 7, 46470.	3.3	18
103	Construction of [1]rotaxanes with pillar[5]arene as the wheel and terpyridine as the stopper. Chinese Chemical Letters, 2020, 31, 81-83.	9.0	18
104	Pillar[5]arene-based [3]rotaxanes: Convenient construction via multicomponent reaction and pH responsive self-assembly in water. Chinese Chemical Letters, 2020, 31, 1550-1553.	9.0	18
105	Synthesis of functionalized spiro[indoline-3,4â€™-pyridines] and spiro[indoline-3,4â€™-pyridinones] via one-pot four-component reactions. Beilstein Journal of Organic Chemistry, 2013, 9, 846-851.	2.2	17
106	Construction of Spiropyrido[2,â€‰1â€<i>a</i>]isoquinoline via Tandem Reactions of Huisgen's 1,4â€Dipoles with Various Alkene Dipolarophiles. ChemistrySelect, 2017, 2, 7382-7386.	1.5	17
107	Water Modulated Diastereoselective Synthesis of <i>cis</i>/<i>trans</i>-Spiro[indoline-3,6â€²-naphtho[2,3-<i>c</i>]carbazoles]. Journal of Organic Chemistry, 2021, 86, 9263-9279.	3.2	17
108	Diastereoselective Synthesis of Arylidene Bis(3â€arylaminoacrylates) <i>via</i> Oneâ€pot Domino Reactions. Chinese Journal of Chemistry, 2013, 31, 479-484.	4.9	16

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109	Efficient synthesis of polycyclic dispirooxindoles via domino Dielsâ€"Alder cyclodimerization reaction. Tetrahedron, 2014, 70, 6641-6650.	1.9	16
110	Diastereoselective synthesis of functionalized spiro[cyclopropane-1,3â€²-indolines] and spiro[indoline-3,1â€²-cyclopropane-2â€²,3â€³-indolines]. Tetrahedron, 2016, 72, 5057-5063.	1.9	16
111	Axle length- and solvent-controlled construction of (pseudo)[1]rotaxanes from mono-thiourea-functionalised pillar[5]arene derivatives. Supramolecular Chemistry, 2017, 29, 547-552.	1.2	16
112	Selective synthesis of tetrahydroimidazo[1,2-a]pyridine and pyrrolidine derivatives via a one-pot two-step reaction. Organic and Biomolecular Chemistry, 2017, 15, 8072-8077.	2.8	16
113	Self-locked dipillar[5]arene-based pseudo[1]rotaxanes and bispseudo[1]rotaxanes with different lengths of bridging chains. New Journal of Chemistry, 2018, 42, 7603-7606.	2.8	16
114	Construction of indeno[1,2-<i>a</i>]fluorene <i>via</i> domino reaction of 1,3-indanedione and 3-arylideneindolin-2-ones or chalcones. Organic and Biomolecular Chemistry, 2019, 17, 9008-9013.	2.8	16
115	Visible-light-induced ligand to metal charge transfer excitation enabled phosphorylation of aryl halides. Chemical Communications, 2021, 57, 5702-5705.	4.1	16
116	Metallic macrocycle with a 1,3-alternate calix[4]arene salicylideneamine ligand. Journal of Coordination Chemistry, 2009, 62, 2118-2124.	2.2	15
117	Novel One-Pot Procedure for the Synthesis of 1,2-Diketones. Synthetic Communications, 2009, 39, 492-496.	2.1	15
118	Synthesis of spiro[indoline-3,1 $$^prime $$ â€² -quinolizines] and spiro[indoline-3,4 $$^prime $$ â€² -pyrido[1,2-a]quinolines] via three-component reactions of azaarenes, acetylenedicarboxylate, and 3-methyleneoxindoles. Molecular Diversity, 2013, 17, 627-639.	3.9	15
119	Unprecedented formation of 2-oxaspiro[bicyclo[2.2.1]heptane-6,3â€²-indoline] derivatives from reaction of 3-phenacyalideneoxindole with malononitrile or ethyl cyanoacetate. RSC Advances, 2014, 4, 44537-44546.	3.6	15
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