

# Chao-Guo Yan

## List of Publications by Year in descending order

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277  
papers

5,721  
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94269

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149479

56  
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282  
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282  
docs citations

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times ranked

3331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tetraphenylethylene-based fluorescent porous organic polymers: preparation, gas sorption properties and photoluminescence properties. <i>Journal of Materials Chemistry</i> , 2011, 21, 13554.	6.7	150
2	Diastereoselective Synthesis of <i>trans</i> -2,3-Dihydrofurans with Pyridinium Ylide Assisted Tandem Reaction. <i>Journal of Organic Chemistry</i> , 2009, 74, 7403-7406.	1.7	142
3	Facile Synthesis of Dispirooxindole-Fused Heterocycles via Domino 1,4-Dipolar Addition and Diels-Alder Reaction of in Situ Generated Huisgen 1,4-Dipoles. <i>Organic Letters</i> , 2012, 14, 5172-5175.	2.4	142
4	Hydrothermal syntheses, structures and luminescent properties of d10 metal-organic frameworks based on rigid 3,3',5,5'-azobenzenetetracarboxylic acid. <i>CrystEngComm</i> , 2008, 10, 1395.	1.3	120
5	Porous Organic Polymers Based on Propeller-Like Hexaphenylbenzene Building Units. <i>Macromolecules</i> , 2011, 44, 5573-5577.	2.2	113
6	Synthesis of Polysubstituted Dihydropyridines by Four-Component Reactions of Aromatic Aldehydes, Malononitrile, Arylamines, and Acetylenedicarboxylate. <i>Organic Letters</i> , 2010, 12, 3678-3681.	2.4	111
7	Molecular Diversity of Three-Component Reactions of Aromatic Aldehydes, Arylamines, and Acetylenedicarboxylates. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 2981-2986.	1.2	94
8	Pyridinium Ylide-Assisted One-Pot Two-Step Tandem Synthesis of Polysubstituted Cyclopropanes. <i>ACS Combinatorial Science</i> , 2009, 11, 1007-1010.	3.3	88
9	Spiro(fluorene-9,9'-xanthene)-Based Porous Organic Polymers: Preparation, Porosity, and Exceptional Hydrogen Uptake at Low Pressure. <i>Macromolecules</i> , 2011, 44, 7987-7993.	2.2	76
10	Convenient Synthesis of Triphenylphosphanylidene Spiro[cyclopentane-1,3'-indolines] and Spiro[cyclopent[2]ene-1,3'-indolines] via Three-Component Reactions. <i>Organic Letters</i> , 2014, 16, 2654-2657.	2.4	76
11	Convenient synthesis of functionalized spiro[indoline-3,2'-pyrrolizines] or spiro[indoline-3,3'-pyrrolidines] via multicomponent reactions. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5905-5917.	1.5	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. <i>ACS Combinatorial Science</i> , 2011, 13, 421-426.	3.8	69
13	Selective Synthesis of Functionalized Spiro[indoline-3,2'-pyridines] and Spiro[indoline-3,4'-pyridines] by Lewis Acid Catalyzed Reactions of Acetylenedicarboxylate, Arylamines, and Isatins. <i>Journal of Organic Chemistry</i> , 2014, 79, 4131-4136.	1.7	67
14	Synthesis of Functionalized 2-Aminohydropyridines and 2-Pyridinones via Domino Reactions of Arylamines, Methyl Propiolate, Aromatic Aldehydes, and Substituted Acetonitriles. <i>ACS Combinatorial Science</i> , 2011, 13, 436-441.	3.8	65
15	Synthesis of Spiro[indoline-3,2'-quinoline] Derivatives through a Four-Component Reaction. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1976-1983.	1.2	63
16	Construction of Dispirocyclopentanebisoxindoles via Self-Domino Michael-Aldol Reactions of 3-Phenacylideneoxindoles. <i>Journal of Organic Chemistry</i> , 2013, 78, 8354-8365.	1.7	63
17	Efficient synthesis of pentasubstituted pyrroles via one-pot reactions of arylamines, acetylenedicarboxylates, and 3-phenacylideneoxindoles. <i>Tetrahedron</i> , 2012, 68, 8256-8260.	1.0	61
18	Selective Decoration of Metal Nanoparticles inside or outside of Organic Microstructures via Self-Assembly of Resorcinarene. <i>ACS Nano</i> , 2010, 4, 2129-2141.	7.3	59

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19	Facile synthesis of spiro[indoline-3,3'-pyrrolo[1,2-a]quinolines] and spiro[indoline-3,1'-pyrrolo[2,1-a]isoquinolines] via 1,3-dipolar cycloaddition reactions of heteroaromatic ammonium salts with 3-phenacylideneoxindoles. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9452.	1.5	59
20	Microwave-assisted four-component, one-pot condensation reaction: an efficient synthesis of annulated pyridines. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 945.	1.5	58
21	Pd-Catalyzed Asymmetric C-H Bond Activation for the Synthesis of P-Stereogenic Dibenzophospholes. <i>Organometallics</i> , 2019, 38, 3916-3920.	1.1	54
22	Synthesis of the functionalized spiro[indoline-3,5'-pyrroline]-2,2'-diones via three-component reactions of arylamines, acetylenedicarboxylates, and isatins. <i>Tetrahedron</i> , 2012, 68, 8539-8544.	1.0	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. <i>CrystEngComm</i> , 2011, 13, 2764.	1.3	50
24	Synthesis of functionalized 2-pyrrolidinones via domino reactions of arylamines, ethyl glyoxylate and acetylenedicarboxylates. <i>Tetrahedron</i> , 2013, 69, 589-594.	1.0	49
25	Molecular diversity of cycloaddition reactions of the functionalized pyridinium salts with 3-phenacylideneoxindoles. <i>Tetrahedron</i> , 2013, 69, 5841-5849.	1.0	48
26	Synthesis of Zwitterionic Salts of Pyridinium-Meldrum Acid and Barbiturate through Unique Four-component Reactions. <i>ACS Combinatorial Science</i> , 2010, 12, 260-265.	3.3	47
27	Selective Synthesis of Fused 1,4- and 1,2-Dihydropyridines by Domino Reactions of Arylamines, Acetylenedicarboxylate, Aldehydes, and Cyclic 1,3-Diketones. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6952-6956.	1.2	47
28	Diastereoselective construction of carbazole-based spirooxindoles via the Levy three-component reaction. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 163-168.	1.5	47
29	Diastereoselective synthesis of spiro[benzo[d]pyrrolo[2,1-b]thiazole-3,3'-indolines] via cycloaddition reaction of N-phenacylbenzothiazolium bromides and 3-methyleneoxindoles. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10929-10938.	1.5	46
30	Synthesis of Dihydrothiophenes or Spirocyclic Compounds by Domino Reactions of 1,3-Thiazolidinedione. <i>Journal of Organic Chemistry</i> , 2009, 74, 3398-3401.	1.7	45
31	TfOH-Catalyzed One-Pot Domino Reaction for Diastereoselective Synthesis of Polysubstituted Tetrahydrospiro[carbazole-1,3'-indoline]s. <i>Journal of Organic Chemistry</i> , 2017, 82, 13277-13287.	1.7	44
32	Synthesis of visible-light mediated tryptanthrin derivatives from isatin and isatoic anhydride under transition metal-free conditions. <i>Organic Chemistry Frontiers</i> , 2018, 5, 51-54.	2.3	44
33	Two-carbon ring expansion of isatin: a convenient construction of a dibenzo[b,d]azepinone scaffold. <i>Chemical Communications</i> , 2016, 52, 6280-6283.	2.2	42
34	Supramolecular polymer networks based on pillar[5]arene: synthesis, characterization and application in the Fenton reaction. <i>Chemical Communications</i> , 2020, 56, 948-951.	2.2	42
35	Diastereoselective synthesis of dispirooxindoline fused [1,3]oxazines via Diels-Alder reaction of functionalized 1,2-dihydropyridines with (E)-1,3-dihydro-3-phenacylidene-2H-indol-2-ones. <i>Tetrahedron</i> , 2013, 69, 10235-10244.	1.0	40
36	Unprecedented formation of spiro[indoline-3,7'-pyrrolo[1,2-a]azepine] from multicomponent reaction of L-proline, isatin and but-2-ynedioate. <i>RSC Advances</i> , 2015, 5, 32786-32794.	1.7	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. <i>Scientific Reports</i> , 2016, 6, 28748.	1.6	40
38	Self-Assembly and Metallization of Resorcinarene Microtubes in Water. <i>Advanced Functional Materials</i> , 2008, 18, 3981-3990.	7.8	39
39	Synthesis of 7 <sup>2</sup> -Arylidenespiro[indoline-3,1 <sup>2</sup> -pyrrolizines] and 7 <sup>2</sup> -Arylidenespiro[indene-2,1 <sup>2</sup> -pyrrolizines] via [3 + 2] Cycloaddition and I <sup>2</sup> -C-H Functionalized Pyrrolidine. <i>Journal of Organic Chemistry</i> , 2019, 84, 12437-12451.	1.7	39
40	Synthesis of complex dispirocyclopentanebisoxindoles via cycloaddition reactions of 4-dimethylamino-1-alkoxycarbonylmethylpyridinium bromides with 2-oxoindolin-3-ylidene derivatives. <i>Tetrahedron</i> , 2014, 70, 2537-2545.	1.0	38
41	Visible-Light Mediated Chlorosulfonylative Cyclizations of 1,6-Enynes. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4325-4329.	2.1	37
42	Synthesis of zwitterionic salts via three-component reactions of pyridacylpyridinium iodide, aromatic aldehydes, and Meldrum acid or N,N-dimethylbarbituric acid. <i>Tetrahedron</i> , 2010, 66, 7743-7748.	1.0	36
43	A [3 + 2] → [4 + 2] → [3 + 2] cycloaddition sequence of isoquinolinium ylide. <i>Organic Chemistry Frontiers</i> , 2017, 4, 354-357.	2.3	36
44	Visible-Light Mediated Hydrosilylative and Hydrophosphorylative Cyclizations of Enynes and Dienes. <i>Organic Letters</i> , 2020, 22, 1748-1753.	2.4	36
45	The molecular diversity of three-component reactions of 4-dimethylamino- or 4-methoxypyridine with acetylenedicarboxylates and arylidene cyanoacetates. <i>Tetrahedron</i> , 2013, 69, 10565-10572.	1.0	35
46	Construction of Unique Eight- or Nine-Membered Polyheterocyclic Systems via Multicomponent Reaction of L-Proline, Alkyl Propiolate, and Isatin. <i>Journal of Organic Chemistry</i> , 2019, 84, 622-635.	1.7	35
47	Pillar[5]arene-based supramolecular assemblies with two-step sequential fluorescence enhancement for mitochondria-targeted cell imaging. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15622-15625.	2.7	35
48	Preparation of Resorcinarene-Functionalized Gold Nanoparticles and Their Catalytic Activities for Reduction of Aromatic Nitro Compounds. <i>Chinese Journal of Chemistry</i> , 2010, 28, 705-712.	2.6	34
49	Selective Synthesis of 3-(9H-Carbazol-2-yl)indolin-2-ones and Spiro[tetrahydrocarbazole-3,3 <sup>2</sup> -oxindoles] via a HOTf Catalyzed Three-Component Reaction. <i>Journal of Organic Chemistry</i> , 2018, 83, 5909-5919.	1.7	34
50	One-pot synthesis of 4-substituted isoquinolinium zwitterionic salts by metal-free C-H bond activation. <i>Chemical Communications</i> , 2012, 48, 4492.	2.2	33
51	Visible-Light-Driven Chlorotrifluoromethylative and Chlorotrichloromethylative Cyclizations of Enynes. <i>Journal of Organic Chemistry</i> , 2019, 84, 7509-7517.	1.7	32
52	Visible-Light Mediated Diarylselenylative Cyclization of 1,6-Enynes. <i>Journal of Organic Chemistry</i> , 2021, 86, 1273-1280.	1.7	32
53	Synthesis of spiro[dihydropyridine-oxindoles] via three-component reaction of arylamine, isatin and cyclopentane-1,3-dione. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 8-14.	1.3	31
54	Synthesis, X-ray crystal structure and anti-tumor activity of calix[n]arene polyhydroxyamine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 21-30.	2.6	31

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55	Construction of C(sp <sup>2</sup> ) <sup>2</sup> X (X = Br, Cl) Bonds through a Copper-Catalyzed Atom-Transfer Radical Process: Application for the 1,4-Difunctionalization of Isoquinolinium Salts. <i>Organic Letters</i> , 2018, 20, 987-990.	2.4	31
56	Novel Method for the Synthesis of 1,3,5-Triarylbenzenes from Ketones. <i>Synthetic Communications</i> , 2005, 35, 3167-3171.	1.1	30
57	Triethylamine-Catalyzed Domino Reactions of 1,3-Thiazolidinedione: A Facile Access to Functionalized Dihydrothiophenes. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5247-5254.	1.2	30
58	Selective synthesis of spirooxindoles via a two-step reaction of N-phenacylpyridinium bromide, 1,3-indanedione and N-alkylisations. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3978-3983.	1.5	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[1,2- <i>d</i> ]oxonines. <i>Journal of Organic Chemistry</i> , 2020, 85, 2168-2179.	1.7	30
60	Diastereoselective Synthesis of Tetrahydrospiro[carbazole-1,3-indolines] via an InBr <sub>3</sub> -Catalyzed Domino Diels-Alder Reaction. <i>Journal of Organic Chemistry</i> , 2021, 86, 5616-5629.	1.7	30
61	Development of Domino Reactions with $\beta$ -Enamino Esters as Key Intermediates. <i>Chinese Journal of Organic Chemistry</i> , 2012, 32, 1577.	0.6	30
62	One-pot synthesis of 6,11-dihydro-5H-indolizino[8,7- <i>b</i> ]indoles via sequential formation of $\beta$ -enamino ester, Michael addition and Pictet-Spengler reactions. <i>RSC Advances</i> , 2014, 4, 62817-62826.	1.7	29
63	Pillar[5]arene Based [1]rotaxane Systems With Redox-Responsive Host-Guest Property: Design, Synthesis and the Key Role of Chain Length. <i>Frontiers in Chemistry</i> , 2019, 7, 508.	1.8	29
64	Construction of dispirocyclohexyl-3,3-bisoxindole and dispirocyclopentyl-3,3-bisoxindole via domino cycloaddition reactions of N-benzylbenzimidazolium salts with 2-(2-oxoindolin-3-ylidene)acetates. <i>RSC Advances</i> , 2015, 5, 4475-4483.	1.7	28
65	Tandem Double [3 + 2] Cycloaddition Reactions at Both C-1 and C-3 Atoms of <i>N</i> -Cyanomethylisoquinolinium Ylide. <i>ACS Omega</i> , 2017, 2, 7820-7830.	1.6	28
66	Construction of Spiro[indoline-3,3-pyridazines] and Spiro[indene-2,3-pyridazines] via TEMPO-Mediated Oxidative Aza-Diels-Alder Reactions. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5882-5886.	1.2	28
67	Convergent Synthesis of Triindanone-Fused Spiro[bicyclo[2.2.2]octane-2,3-indolines] via Domino Reaction of 1,3-Indanedione and 3-Methyleneoxindoles. <i>Organic Letters</i> , 2020, 22, 8931-8936.	2.4	28
68	Molecular Diversity of Three-Component Reactions of <i>N</i> -Benzylbenzimidazolium Salts, Isatin, and Malononitrile or Ethyl Cyanoacetate. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3157-3164.	1.2	27
69	Facile Synthesis of Spiro[indane-2,1-pyrrolo[2,1- <i>a</i> ]isoquinolines] via Three-Component Reaction of Isoquinolinium Salts, Indane-1,3-dione, and Isatins. <i>Synthesis</i> , 2014, 46, 1059-1066.	1.2	27
70	Domino Reactions of Vinyl Malononitriles with 3-Phenacylideneoxindoles for Efficient Synthesis of Functionalized Spirocyclic Oxindoles. <i>ACS Combinatorial Science</i> , 2014, 16, 271-280.	3.8	27
71	Diastereoselective synthesis of dispirooxindoles via [3+2] cycloaddition of azomethine ylides to 3-phenacylideneoxindoles and evaluation of their cytotoxicity. <i>RSC Advances</i> , 2018, 8, 23990-23995.	1.7	27
72	Rapid One-Pot Preparation of 2-Substituted Benzimidazoles from Esters using Microwave Conditions. <i>Synthetic Communications</i> , 2006, 36, 2597-2601.	1.1	26

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73	HOAc-Mediated Domino Diels-Alder Reaction for Synthesis of Spiro[cyclohexane-1,3'-indolines] in Ionic Liquid [Bmim]Br. ACS Omega, 2018, 3, 5406-5416.	1.6	26
74	Molecular diversity of the three-component reaction of $\alpha$ -amino acids, dialkyl acetylenedicarboxylates and N-substituted maleimides. Organic and Biomolecular Chemistry, 2016, 14, 6497-6507.	1.5	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.	4.8	25
76	Convenient Synthesis of Spiro[benzo[ <i>d</i> ]pyrrolo[2,1- <i>b</i> ]thiazole- <i>bis</i> -indenes] Derivatives via Three-Component Reaction. Chinese Journal of Chemistry, 2016, 34, 412-418.	2.6	24
77	A [3+2] cycloaddition reaction for the synthesis of spiro[indoline-3,3'-pyrrolidines] and evaluation of cytotoxicity towards cancer cells. New Journal of Chemistry, 2019, 43, 8903-8910.	1.4	24
78	Pillar[5]arene-Based [2]Rotaxane: Synthesis, Characterization, and Application in a Coupling Reaction. Inorganic Chemistry, 2020, 59, 11915-11919.	1.9	24
79	Stereo- and Regioselective <i>cis</i> -Hydrophosphorylation of 1,3-Enynes Enabled by the Visible-Light Irradiation of NiCl <sub>2</sub> (PPh <sub>3</sub> ) <sub>2</sub> . Organic Letters, 2021, 23, 2981-2987.	2.4	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.	1.4	23
81	Copper-Catalyzed Bromodifluoroacetylation Cyclization of Enynes. Journal of Organic Chemistry, 2020, 85, 15667-15675.	1.7	23
82	Facile construction of 1,2,6,7,12,12b-hexahydroindolo[2,3- <i>a</i> ]quinolizines via one-pot three-component reactions of tryptamines, propiolate, and $\alpha,\beta$ -unsaturated aromatic aldehydes or ketones. Tetrahedron, 2013, 69, 5451-5459.	1.0	22
83	Three-Component Radical Iodonitrosylative Cyclization of 1,6-Enynes under Metal-Free Conditions. Organic Letters, 2021, 23, 5044-5048.	2.4	22
84	Visible-Light-Mediated Three-Component Radical Iodosulfonylative Cyclization of Enynes. Organic Letters, 2022, 24, 2515-2519.	2.4	22
85	Synthesis of 6a,6b,13,13a-tetrahydro-6H-5-oxa-12a-azadibenzo[ <i>a,g</i> ]fluorene derivatives via cycloaddition reactions of isoquinolinium salts with 3-nitrochromenes. Molecular Diversity, 2014, 18, 91-99.	2.1	21
86	Convenient Construction of Indanedione-Fused 2,5-Dihydropyridines, 4,5-Dihydropyridines, and Spirooxindolines. European Journal of Organic Chemistry, 2016, 2016, 5423-5428.	1.2	21
87	Formation of diverse polycyclic spirooxindoles via three-component reaction of isoquinolinium salts, isatins and malononitrile. Scientific Reports, 2017, 7, 41024.	1.6	21
88	Diastereoselective synthesis of benzo[ <i>d</i> ]chromeno[3,4- <i>b</i> ]pyrrolo[2,1- <i>b</i> ]thiazoles via cycloaddition reaction of benzothiazolium salts with 3-nitrochromenes. RSC Advances, 2017, 7, 42387-42392.	1.7	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.	1.7	21
90	Efficient Synthesis of the Functionalized Spiro[indoline- <i>bis</i> -pyridine] via Four-Component Reaction. Chinese Journal of Chemistry, 2012, 30, 1548-1554.	2.6	20

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91	A Three-Component Reaction for the Synthesis of Diverse, Densely Substituted 2,3-Dihydrospiro[indoline-3,6-[1,3]oxazine]s. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1.2 5598-5602.		20
92	Regioselective radical arylation: silver-mediated synthesis of 3-phosphorylated coumarins, quinolin-2(1 <i>H</i> )-one and benzophosphole oxides. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8175-8184.	1.5	20
93	Convenient construction of dibenzo[ <i>b</i> , <i>d</i> ]furanes and 2,6-diaryl-4-(2-hydroxyphenyl)pyridines via domino reaction of pyridinium ylides with 2-aryl-3-nitrochromenes. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1428-1432.	2.3	20
94	Diastereoselective synthesis of dispiro[indoline-3,3-furan-2,3-pyrrolidine] via [3 + 2]cycloaddition reaction of MBH maleimides of isatins and 1,3-dicarbonyl compounds. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3202-3208.	2.3	20
95	Diastereoselective synthesis of spiro[chromane-3,3-indolines] and spiro[chromane-3,2-indenes] via DBU promoted formal [4 + 2]cycloaddition reaction. <i>Green Synthesis and Catalysis</i> , 2022, 3, 53-58.	3.7	20
96	Four-component reaction of N-alkylimidazoles(N-alkylbenzimidazoles), dialkyl but-2-ynedioate, N-alkylisatins and malononitrile. <i>RSC Advances</i> , 2014, 4, 64466-64475.	1.7	19
97	Molecular diversity of the cyclization reaction of 3-methyleneoxindoles with 2-(3,4-dihydronaphthalen-1(2 <i>H</i> )-ylidene)malononitriles. <i>RSC Advances</i> , 2016, 6, 23390-23395.	1.7	19
98	Resorcinarene Induced Assembly of Carotene and Lutein into Hierarchical Superstructures. <i>Journal of the American Chemical Society</i> , 2020, 142, 20583-20587.	6.6	19
99	Selective Synthesis of Diverse Spiro-oxindole-fluorene Derivatives via a DABCO-Promoted Annulation Reaction of Bindone and 3-Methyleneoxindoles. <i>Journal of Organic Chemistry</i> , 2021, 86, 14705-14719.	1.7	19
100	A facile synthesis of tricyclic skeleton of alkaloid 261C by double [3+2] cycloaddition of pyridinium ylide. <i>Tetrahedron Letters</i> , 2015, 56, 6711-6714.	0.7	18
101	Convenient synthesis of functionalized pyrrolo[3,4- <i>b</i> ]pyridines and pyrrolo[3,4- <i>b</i> ]quinolines via three-component reactions. <i>RSC Advances</i> , 2016, 6, 35609-35616.	1.7	18
102	Stepwise cycloaddition reaction of N-phenacylbenzothiazolium bromides and nitroalkenes for tetrahydro-, dihydro- and benzo[ <i>d</i> ]pyrrolo[2,1- <i>b</i> ]thiazoles. <i>Scientific Reports</i> , 2017, 7, 46470.	1.6	18
103	Construction of [1]rotaxanes with pillar[5]arene as the wheel and terpyridine as the stopper. <i>Chinese Chemical Letters</i> , 2020, 31, 81-83.	4.8	18
104	Pillar[5]arene-based [3]rotaxanes: Convenient construction via multicomponent reaction and pH responsive self-assembly in water. <i>Chinese Chemical Letters</i> , 2020, 31, 1550-1553.	4.8	18
105	Synthesis of functionalized spiro[indoline-3,4-pyridines] and spiro[indoline-3,4-pyridinones] via one-pot four-component reactions. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 846-851.	1.3	17
106	Construction of Spiropyrido[2, <i>a</i> ]isoquinoline via Tandem Reactions of Huisgen's 1,4-Dipoles with Various Alkene Dipolarophiles. <i>ChemistrySelect</i> , 2017, 2, 7382-7386.	0.7	17
107	Water Modulated Diastereoselective Synthesis of <i>cis</i> / <i>trans</i> -Spiro[indoline-3,6-naphtho[2,3- <i>c</i> ]carbazoles]. <i>Journal of Organic Chemistry</i> , 2021, 86, 9263-9279.	1.7	17
108	Diastereoselective Synthesis of Arylidene Bis(3-arylaminoacrylates) via One-pot Domino Reactions. <i>Chinese Journal of Chemistry</i> , 2013, 31, 479-484.	2.6	16

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109	Efficient synthesis of polycyclic dispirooxindoles via domino Diels-Alder cyclodimerization reaction. <i>Tetrahedron</i> , 2014, 70, 6641-6650.	1.0	16
110	Diastereoselective synthesis of functionalized spiro[cyclopropane-1,3-indolines] and spiro[indoline-3,1-cyclopropane-2,3-indolines]. <i>Tetrahedron</i> , 2016, 72, 5057-5063.	1.0	16
111	Axle length- and solvent-controlled construction of (pseudo)[1]rotaxanes from mono-thiourea-functionalised pillar[5]arene derivatives. <i>Supramolecular Chemistry</i> , 2017, 29, 547-552.	1.5	16
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114	Construction of indeno[1,2- <i>a</i> ]fluorene via domino reaction of 1,3-indanedione and 3-arylideneindolin-2-ones or chalcones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9008-9013.	1.5	16
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121	Crystal structure and fluorescence sensing properties of tetramethoxyresorcinarene functionalized Schiff bases. <i>Journal of Molecular Structure</i> , 2015, 1081, 355-361.	1.8	15
122	Diastereoselective synthesis of spiro[indene-2,2-pyrazolo[1,2- <i>a</i> ]pyrazoles] and spiro[indoline-3,2-pyrazolo[1,2- <i>a</i> ]pyrazoles] via 1,3-dipolar cycloaddition. <i>RSC Advances</i> , 2016, 6, 50471-50478.	1.7	15
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124	Construction and investigation of photo-switch property of azobenzene-bridged pillar[5]arene-based [3]rotaxanes. <i>Chinese Chemical Letters</i> , 2021, 32, 57-61.	4.8	15
125	Molecular diversity of TEMPO-mediated cycloaddition of ketohydrazones and 3-phenacylideneoxindoles. <i>New Journal of Chemistry</i> , 2021, 45, 5075-5080.	1.4	15
126	PdO-Catalyzed Synthesis of Tricyclic Compounds Using Biginelli-Like Reaction. <i>Synthetic Communications</i> , 2009, 39, 3796-3803.	1.1	14



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141	Progress in Multicomponent Reactions Involving 1,3-Indanedione. Chinese Journal of Organic Chemistry, 2020, 40, 4122.	0.6	13
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150	Construction of Polyfunctionalized 2,4-Dioxo-8-azaspiro[5.5]undec-9-enes and 2,4,8-Triazaspiro[5.5]undec-9-enes via a Domino [2+2+2] Cycloaddition Reaction. <i>Journal of Organic Chemistry</i> , 2021, 86, 1827-1842.	1.7	12
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227	Three-component reaction of <i>o</i> -aminophenol ( <i>o</i> -phenylenediamine), dialkyl acetylenedicarboxylate and 3-phenacylideneoxindolines. <i>Molecular Diversity</i> , 2019, 23, 123-135.	2.1	5
228	Copper-catalyzed selective difunctionalization of N-heteroarenes through a halogen atom transfer radical process. <i>New Journal of Chemistry</i> , 2019, 43, 13832-13836.	1.4	5
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