

Chao-Guo Yan

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269
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L-index

#	Paper	IF	Citations
269	Tetraphenylethylene-based fluorescent porous organic polymers: preparation, gas sorption properties and photoluminescence properties. <i>Journal of Materials Chemistry</i> , 2011 , 21, 13554		144
268	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, 5172-5	6.2	131
267	Diastereoselective synthesis of trans-2,3-dihydrofurans with pyridinium ylide assisted tandem reaction. <i>Journal of Organic Chemistry</i> , 2009 , 74, 7403-6	4.2	129
266	Hydrothermal syntheses, structures and luminescent properties of d10 metal-organic frameworks based on rigid 3,3',5,5'-azobenzene tetracarboxylic acid. <i>CrystEngComm</i> , 2008 , 10, 1395	3.3	116
265	Porous Organic Polymers Based on Propeller-Like Hexaphenylbenzene Building Units. <i>Macromolecules</i> , 2011 , 44, 5573-5577	5.5	104
264	Synthesis of polysubstituted dihydropyridines by four-component reactions of aromatic aldehydes, malononitrile, arylamines, and acetylenedicarboxylate. <i>Organic Letters</i> , 2010 , 12, 3678-81	6.2	102
263	Molecular Diversity of Three-Component Reactions of Aromatic Aldehydes, Arylamines, and Acetylenedicarboxylates. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 2981-2986	3.2	83
262	Pyridinium ylide-assisted one-pot two-step tandem synthesis of polysubstituted cyclopropanes. <i>ACS Combinatorial Science</i> , 2009 , 11, 1007-10		81
261	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	5.5	72
260	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, 421-6	3.9	65
259	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, 5905-17	3.9	61
258	Convenient synthesis of triphenylphosphanylidene spiro[cyclopentane-1,3'-indolines] and spiro[cyclopent[3]ene-1,3'-indolines] via three-component reactions. [Corrected]. <i>Organic Letters</i> , 2014 , 16, 2654-7	6.2	61
257	Synthesis of Spiro[indoline-3,2'-quinoline] Derivatives through a Four-Component Reaction. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 1976-1983	3.2	61
256	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, 436-41	3.9	61
255	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, 4131-6	4.2	59
254	Efficient synthesis of pentasubstituted pyrroles via one-pot reactions of arylamines, acetylenedicarboxylates, and 3-phenacylideneoxindoles. <i>Tetrahedron</i> , 2012 , 68, 8256-8260	2.4	57
253	Selective decoration of metal nanoparticles inside or outside of organic microstructures via self-assembly of resorcinarene. <i>ACS Nano</i> , 2010 , 4, 2129-41	16.7	57

252	Construction of dispirocyclopentanebisoxindoles via self-domino Michael-aldol reactions of 3-phenacylideneoxindoles. <i>Journal of Organic Chemistry</i> , 2013 , 78, 8354-65	4.2	54
251	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, 9452-63	3.9	53
250	Microwave-assisted four-component, one-pot condensation reaction: an efficient synthesis of annulated pyridines. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 945-51	3.9	51
249	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	2.4	49
248	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	3.3	48
247	Synthesis of functionalized 2-pyrrolidinones via domino reactions of arylamines, ethyl glyoxylate and acetylenedicarboxylates. <i>Tetrahedron</i> , 2013 , 69, 589-594	2.4	45
246	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	3.2	44
245	Synthesis of zwitterionic salts of pyridinium-Meldrum acid and barbiturate through unique four-component reactions. <i>ACS Combinatorial Science</i> , 2010 , 12, 260-5		44
244	Molecular diversity of cycloaddition reactions of the functionalized pyridinium salts with 3-phenacylideneoxindoles. <i>Tetrahedron</i> , 2013 , 69, 5841-5849	2.4	41
243	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, 10929-38	3.9	40
242	Synthesis of dihydrothiophenes or spirocyclic compounds by domino reactions of 1,3-thiazolidinedione. <i>Journal of Organic Chemistry</i> , 2009 , 74, 3398-401	4.2	39
241	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	2.4	38
240	Self-Assembly and Metallization of Resorcinarene Microtubes in Water. <i>Advanced Functional Materials</i> , 2008 , 18, 3981-3990	15.6	38
239	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	3.7	37
238	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	4.2	36
237	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	2.4	34
236	Synthesis of complex dispirocyclopentanebisoxindoles via cycloaddition reactions of 4-dimethylamino-1-alkoxycarbonylmethylpyridinium bromides with 2-oxindolin-3-ylidene derivatives. <i>Tetrahedron</i> , 2014 , 70, 2537-2545	2.4	32
235	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	2.4	32

234	Two-carbon ring expansion of isatin: a convenient construction of a dibenzo[b,d]azepinone scaffold. <i>Chemical Communications</i> , 2016 , 52, 6280-3	5.8	32
233	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	4.9	31
232	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	4.9	30
231	One-pot synthesis of 4-substituted isoquinolinium zwitterionic salts by metal-free C-H bond activation. <i>Chemical Communications</i> , 2012 , 48, 4492-4	5.8	30
230	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	2.5	30
229	Development of Domino Reactions with Enamino Esters as Key Intermediates. <i>Chinese Journal of Organic Chemistry</i> , 2012 , 32, 1577	3	30
228	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	5.2	29
227	A [3 + 2][4 + 2][B + 2] cycloaddition sequence of isoquinolinium ylide. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 354-357	5.2	28
226	Pd-Catalyzed Asymmetric C-H Bond Activation for the Synthesis of P-Stereogenic Dibenzophospholes. <i>Organometallics</i> , 2019 , 38, 3916-3920	3.8	27
225	Selective Synthesis of 3-(9 H-Carbazol-2-yl)indolin-2-ones and Spiro[tetrahydrocarbazole-3,3'-oxindoles] via a HOTf Catalyzed Three-Component Reaction. <i>Journal of Organic Chemistry</i> , 2018 , 83, 5909-5919	4.2	27
224	Visible-Light-Mediated Chlorosulfonylative Cyclizations of 1,6-Enynes. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 4325-4329	5.6	27
223	Domino reactions of vinyl malononitriles with 3-phenacylideneoxindoles for efficient synthesis of functionalized spirocyclic oxindoles. <i>ACS Combinatorial Science</i> , 2014 , 16, 271-80	3.9	26
222	Molecular Diversity of Three-Component Reactions of N-Benzylbenzimidazolium Salts, Isatin, and Malononitrile or Ethyl Cyanoacetate. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 3157-3164	3.2	26
221	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	3.2	26
220	Novel Method for the Synthesis of 1,3,5-Triarylbenzenes from Ketones. <i>Synthetic Communications</i> , 2005 , 35, 3167-3171	1.7	26
219	Construction of dispirocyclohexyl-3,3?-bisoxindole and dispirocyclopentyl-3,3?-bisoxindole via domino cycloaddition reactions of N-benzylbenzimidazolium salts with 2-(2-oxindolin-3-ylidene)acetates. <i>RSC Advances</i> , 2015 , 5, 4475-4483	3.7	25
218	One-pot synthesis of 6,11-dihydro-5H-indolizino[8,7-b]indoles via sequential formation of Enamino ester, Michael addition and Pictet-Spengler reactions. <i>RSC Advances</i> , 2014 , 4, 62817-62826	3.7	25
217	Construction of C(sp)-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	6.2	24

216	Diastereoselective construction of carbazole-based spirooxindoles via the Levy three-component reaction. <i>Organic and Biomolecular Chemistry</i> , 2019 , 18, 163-168	3.9	24
215	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	6.8	23
214	Facile Synthesis of Spiro[indane-2,1'-pyrrolo[2,1-a]isoquinolines] via Three-Component Reaction of Isoquinolinium Salts, Indane-1,3-dione, and Isatins. <i>Synthesis</i> , 2014 , 46, 1059-1066	2.9	23
213	Rapid One-Pot Preparation of 2-Substituted Benzimidazoles from Esters using Microwave Conditions. <i>Synthetic Communications</i> , 2006 , 36, 2597-2601	1.7	23
212	Supramolecular polymer networks based on pillar[5]arene: synthesis, characterization and application in the Fenton reaction. <i>Chemical Communications</i> , 2020 , 56, 948-951	5.8	23
211	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	4.2	21
210	HOAc-Mediated Domino Diels-Alder Reaction for Synthesis of Spiro[cyclohexane-1,3'-indolines] in Ionic Liquid [Bmim]Br. <i>ACS Omega</i> , 2018 , 3, 5406-5416	3.9	21
209	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	3.9	20
208	Molecular diversity of the three-component reaction of amino acids, dialkyl acetylenedicarboxylates and N-substituted maleimides. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 6497-507	3.9	20
207	Tandem Double [3 + 2] Cycloaddition Reactions at Both C-1 and C-3 Atoms of -Cyanomethylisoquinolinium Ylide. <i>ACS Omega</i> , 2017 , 2, 7820-7830	3.9	19
206	Formation of diverse polycyclic spirooxindoles via three-component reaction of isoquinolinium salts, isatins and malononitrile. <i>Scientific Reports</i> , 2017 , 7, 41024	4.9	18
205	Synthesis of 7'-Arylidenespiro[indoline-3,1'-pyrrolizines] and 7'-Arylidenespiro[indene-2,1'-pyrrolizines] via [3 + 2] Cycloaddition and EC-H Functionalized Pyrrolidine. <i>Journal of Organic Chemistry</i> , 2019 , 84, 12437-12451	4.2	18
204	Visible-Light-Driven Chlorotrifluoromethylative and Chlorotrichloromethylative Cyclizations of Enynes. <i>Journal of Organic Chemistry</i> , 2019 , 84, 7509-7517	4.2	18
203	Convenient Construction of Indanedione-Fused 2,5-Dihydropyridines, 4,5-Dihydropyridines, and Spirooxindolines. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 5423-5428	3.2	18
202	Regioselective radical arylation: silver-mediated synthesis of 3-phosphorylated coumarins, quinolin-2(1H)-one and benzophosphole oxides. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 8175-8184	3.9	18
201	A Three-Component Reaction for the Synthesis of Diverse, Densely Substituted 2,2,3,3'-Dihydrospiro[indoline-3,6'-[1,3]oxazine]s. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 5598-5602	3.2	18
200	Facile construction of 1,2,6,7,12,12b-hexahydroindolo[2,3-a]quinolizines via one-pot three-component reactions of tryptamines, propiolate, and unsaturated aromatic aldehydes or ketones. <i>Tetrahedron</i> , 2013 , 69, 5451-5459	2.4	18
199	Convenient construction of dibenzo[b,d]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	5.2	17

- 198 Visible-Light Mediated Hydrosilylative and Hydrophosphorylative Cyclizations of Enynes and Dienes. *Organic Letters*, **2020**, 22, 1748-1753 6.2 17
- 197 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, 91-9³⁻¹ 17
- 196 Four-component reaction of N-alkylimidazoles(N-alkylbenzimidazoles), dialkyl but-2-ynedioate, N-alkylisatins and malononitrile. *RSC Advances*, **2014**, 4, 64466-64475 3.7 17
- 195 Efficient Synthesis of the Functionalized Spiro[indoline-3,4'-pyridine] via Four-component Reaction. *Chinese Journal of Chemistry*, **2012**, 30, 1548-1554 4.9 17
- 194 Synthesis of functionalized spiro[indoline-3,4'-pyridines] and spiro[indoline-3,4'-pyridinones] via one-pot four-component reactions. *Beilstein Journal of Organic Chemistry*, **2013**, 9, 846-51 2.5 17
- 193 Convenient Synthesis of Spiro[benzo[d]pyrrolo[2,1-b]thiazole-3,2'-indenes] Derivatives via Three-Component Reaction. *Chinese Journal of Chemistry*, **2016**, 34, 412-418 4.9 17
- 192 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 4.9 16
- 191 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 3.6 16
- 190 A facile synthesis of tricyclic skeleton of alkaloid 261C by double [3+2] cycloaddition of pyridinium ylide. *Tetrahedron Letters*, **2015**, 56, 6711-6714 2 16
- 189 Diastereoselective synthesis of dispirooxindoles [3+2] cycloaddition of azomethine ylides to 3-phenacylideneoxindoles and evaluation of their cytotoxicity.. *RSC Advances*, **2018**, 8, 23990-23995 3.7 16
- 188 Domino Reaction of Aromatic Aldehydes and 1,3-Indanediones for Construction of Bicyclo[2.2.2]octanes and Dibenzo[*h*]indeno[1',2':3,4]fluoreno[1,2-]oxonines. *Journal of Organic Chemistry*, **2020**, 85, 2168-2179 4.2 16
- 187 Molecular diversity of the cyclization reaction of 3-methyleneoxindoles with 2-(3,4-dihydronaphthalen-1(2H)-ylidene)malononitriles. *RSC Advances*, **2016**, 6, 23390-23395 3.7 15
- 186 Construction of Spiro[indoline-3,3'-pyridazines] and Spiro[indene-2,3'-pyridazines] via TEMPO-Mediated Oxidative Aza-Diels-Alder Reactions. *European Journal of Organic Chemistry*, **2019**, 2019, 5882-5886 3.2 15
- 185 Diastereoselective Synthesis of Arylidene Bis(3-arylaminoacrylates) via One-pot Domino Reactions. *Chinese Journal of Chemistry*, **2013**, 31, 479-484 4.9 15
- 184 Metallic macrocycle with a 1,3-alternate calix[4]arene salicylideneamine ligand. *Journal of Coordination Chemistry*, **2009**, 62, 2118-2124 1.6 15
- 183 Unprecedented formation of 2-oxaspiro[bicyclo[2.2.1]heptane-6,3'-indoline] derivatives from reaction of 3-phenacylideneoxindole with malononitrile or ethyl cyanoacetate. *RSC Advances*, **2014**, 4, 44537-44546 3.7 14
- 182 Efficient synthesis of polycyclic dispirooxindoles via domino Diels-Alder cyclodimerization reaction. *Tetrahedron*, **2014**, 70, 6641-6650 2.4 14
- 181 Synthesis of spiro[indoline-3,1'-quinolizines] and spiro[indoline-3, 4'-pyrido[1,2-a]quinolines] via three-component reactions of azaarenes, acetylenedicarboxylate, and 3-methyleneoxindoles. *Molecular Diversity*, **2013**, 17, 627-39 3.1 14

- 180 Diastereoselective synthesis of benzo[d]chromeno[3,4:3,4]pyrrolo[2,1-b]thiazoles via cycloaddition reaction of benzothiazolium salts with 3-nitrochromenes. *RSC Advances*, **2017**, 7, 42387-42392 3.7 14
- 179 Efficient Synthesis of Complex Oxazatricycles via Three-Component Reaction of Isoquinolinium Salts, Acetone and Cyclic Diketones. *Journal of Heterocyclic Chemistry*, **2015**, 52, 1513-1517 1.9 13
- 178 Crystal structure and fluorescence sensing properties of tetramethoxyresorcinarene functionalized Schiff bases. *Journal of Molecular Structure*, **2015**, 1081, 355-361 3.4 13
- 177 Annulation reaction of methyl 2-(benzo[b][1,4]thiazin-3-ylidene)acetate with β -nitrostyrenes and 3-nitrochromenes. *Tetrahedron*, **2018**, 74, 1040-1046 2.4 13
- 176 Diastereoselective synthesis of functionalized spiro[cyclopropane-1,3'-indolines] and spiro[indoline-3,1'-cyclopropane-2,2',3'-indolines]. *Tetrahedron*, **2016**, 72, 5057-5063 2.4 13
- 175 Molecular diversity of the domino annulation reaction of 2-aryl-3-nitrochromenes with pivaloylacetonitriles. *Organic and Biomolecular Chemistry*, **2018**, 16, 5816-5822 3.9 13
- 174 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 5 13
- 173 Construction of Spiropyrido[2, 1-a]isoquinoline via Tandem Reactions of Huisgen's 1,4-Dipoles with Various Alkene Dipolarophiles. *ChemistrySelect*, **2017**, 2, 7382-7386 1.8 13
- 172 Synthesis of Dispirocyclopentyl-3,3'-bisoxindoles via Domino Cycloaddition Reactions of 4-Dimethylaminopyridinium Bromides with 3-Phenacylideneoxindoles. *Chinese Journal of Chemistry*, **2015**, 33, 1178-1188 4.9 13
- 171 One-pot Sequential Reaction for the Synthesis of Polysubstituted 3-(3-Nitro-2-phenylchroman-4-yl)-3-arylaminoacrylates. *Chinese Journal of Chemistry*, **2013**, 31, 1546-1550 4.9 13
- 170 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 7.1 13
- 169 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 8.1 13
- 168 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 4.2 13
- 167 Axle length- and solvent-controlled construction of (pseudo)[1]rotaxanes from mono-thiourea-functionalised pillar[5]arene derivatives. *Supramolecular Chemistry*, **2017**, 29, 547-552 1.8 12
- 166 Efficient synthesis of functionalized spiro[indoline-3,4'-pyridines] and spiro[indene-2,4'-pyridines] via a three-component reaction. *RSC Advances*, **2015**, 5, 82324-82333 3.7 12
- 165 Novel One-Pot Procedure for the Synthesis of 1,2-Diketones. *Synthetic Communications*, **2009**, 39, 492-496 7 12
- 164 Diastereoselective Synthesis of Tetrahydrospiro[carbazole-1,3'-indolines] via an InBr-Catalyzed Domino Diels-Alder Reaction. *Journal of Organic Chemistry*, **2021**, 86, 5616-5629 4.2 12
- 163 Visible-Light Mediated Diarylselenylative Cyclization of 1,6-Enynes. *Journal of Organic Chemistry*, **2021**, 86, 1273-1280 4.2 12

- 162 Facile one-pot synthesis of spirooxindole-pyrrolidine derivatives and their antimicrobial and acetylcholinesterase inhibitory activities. *New Journal of Chemistry*, **2018**, 42, 16211-16216 3.6 12
- 161 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 3.6 11
- 160 Regioselective and diastereoselective synthesis of two functionalized 1,5-methanoindeno[1,2-d]azocines via a three-component reaction. *Organic and Biomolecular Chemistry*, **2018**, 16, 4170-4175 3.9 11
- 159 Synthesis, crystal structures and complexing ability of difunctionalized copillar[5]arene Schiff bases. *Chinese Chemical Letters*, **2017**, 28, 431-436 8.1 11
- 158 Synthesis of (Triphenylphosphoranylidene)spiro[cyclopentene-1,3?-indole]s by a Three-Component Reaction of Triphenylphosphine, Dialkyl Acetylenedicarboxylates, and 3-(Aroylmethylene)-1,3-dihydro-2H-indol-2-ones. *Synthesis*, **2014**, 46, 2327-2332 2.9 11
- 157 Povarov Reaction of β -Enamino Esters and Isatin-3-imines for Diastereoselective Synthesis of Spiro[indoline-3,2?-quinolines]. *Synthesis*, **2014**, 46, 489-495 2.9 11
- 156 Transition metal complexes of bidentate p-tert-butylcalix[4]arene S-alkyldithiocarbamate Schiff bases. *Journal of Coordination Chemistry*, **2009**, 62, 2337-2346 1.6 11
- 155 PdO-Catalyzed Synthesis of Tricyclic Compounds Using Biginelli-Like Reaction. *Synthetic Communications*, **2009**, 39, 3796-3803 1.7 11
- 154 Resorcinarene Induced Assembly of Carotene and Lutein into Hierarchical Superstructures. *Journal of the American Chemical Society*, **2020**, 142, 20583-20587 16.4 11
- 153 Pillar[5]arene-Based [2]Rotaxane: Synthesis, Characterization, and Application in a Coupling Reaction. *Inorganic Chemistry*, **2020**, 59, 11915-11919 5.1 11
- 152 Diastereoselective synthesis of spiro[indene-2,2?-pyrazolo[1,2-a]pyrazoles] and spiro[indoline-3,2?-pyrazolo[1,2-a]pyrazoles] via 1,3-dipolar cycloaddition. *RSC Advances*, **2016**, 6, 50471-50478 2.7 11
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- 150 Synthesis of spirocyclic 1,3-oxazines via three-component reactions of β -unsaturated N-aryldimines, dialkyl acetylenedicarboxylate and quinones. *Tetrahedron*, **2015**, 71, 6681-6688 2.4 10
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143	Dicopper complex of p-tert -butylcalix8arene bearing acylhydrazone pendant domains. <i>Journal of Coordination Chemistry</i> , 2009 , 62, 825-832	1.6	10
142	Copper-Catalyzed Bromodifluoroacetylative Cyclization of Enynes. <i>Journal of Organic Chemistry</i> , 2020 , 85, 15667-15675	4.2	10
141	Three-Component Radical Iodonitrosylative Cyclization of 1,6-Enynes under Metal-Free Conditions. <i>Organic Letters</i> , 2021 , 23, 5044-5048	6.2	10
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130	Single crystal structures and complexing properties of some copillar[5]arene mono-Schiff bases. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016 , 86, 231-240	1.7	8
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35	Copper-catalyzed selective difunctionalization of N-heteroarenes through a halogen atom transfer radical process. <i>New Journal of Chemistry</i> , 2019 , 43, 13832-13836	3.6	2
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31	Surfactant Sensitized Calix[4]arenes Fluorescence Quenching Method for Speciation of Cr(VI)/Cr(III) in Water Samples. <i>ISRN Spectroscopy</i> , 2013 , 2013, 1-8		2
30	Synthesis of Thiourea-Bridged Cluster Glycoside Calixarenes. <i>Synthetic Communications</i> , 2005 , 35, 2355-2361	2.3	2
29	Convenient Construction of Spiro[pyrazole-4,1?-pyrido[2,1-a]isoquinoline] and Spiro[pyrazole-4,4?-pyrido[1,2-a]quinoline] via Three-Component Reaction. <i>ChemistrySelect</i> , 2021 , 6, 10537-10541	1.8	2
28	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	4.2	2
27	Domino EC ₁ Functionalization and [3+2] Cycloaddition for Efficient Synthesis of Diverse Spiro and Polycyclic Compounds. <i>ChemistrySelect</i> , 2020 , 5, 14086-14090	1.8	2
26	Anthracene-induced formation of highly twisted metallacycle and its crystal structure and tunable assembly behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
25	Molecular diversity of the acid promoted domino reaction of 3-hydroxy-3-(indol-3-yl)indolin-2-ones and cyclic mercapto-substituted β -enamino esters. <i>New Journal of Chemistry</i> , 2021 , 45, 8314-8320	3.6	2
24	Construction of Spiro[indeno[2,1-e]pyrrolo[3,4-b]pyridine-10,3?-indoline] and Indeno[1,2-b]pyrrolo[3,4-e]pyridine via Three-Component Reaction. <i>ChemistrySelect</i> , 2017 , 2, 2803-2806	1.8	1
23	Convenient Synthesis of 2-[2-Aryl-2-oxo-1-(2-oxoindolin-3-ylidene)ethyl]fumarates via a One-Pot, Two-Step Reaction. <i>Synthesis</i> , 2015 , 47, 193-198	2.9	1
22	Synthesis and crystal structures of meso-substituted calix[4]pyrrole mono-Schiff bases and transition metal complexes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015 , 81, 215-224	1.7	1
21	Syntheses and crystal structures of functionalized tetramethyl resorcinarenes. <i>Chemical Research in Chinese Universities</i> , 2015 , 31, 925-929	2.2	1
20	Sodium Acetate Catalyzed Multicomponent Cyclization of Aromatic Aldehydes, Acetone and Meldrum Acid. <i>Chinese Journal of Chemistry</i> , 2010 , 28, 2451-2454	4.9	1
19	Efficient synthesis of diarylidene octahydroacridines by one-pot multi-component tandem reactions. <i>Open Chemistry</i> , 2008 , 6, 404-409	1.6	1

18	Phase Transfer Catalyzed Synthesis of Ferrocenoylcyclopropanes. <i>Synthetic Communications</i> , 2000 , 30, 2197-2203	1.7	1
17	Complexation of pillar[5]arene-based Schiff bases with methylene blue: Formation of binary complexes with improved anticancer activity. <i>Journal of Molecular Structure</i> , 2022 , 1257, 132588	3.4	1
16	Convenient construction of unique bis-[1]rotaxanes based on azobenzene-bridged dipillar[5]arenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1	1.7	1
15	Three-Component Reaction for Efficient Synthesis of Functionalized Spiro[cyclopentane-1,3'-indolines]. <i>Chinese Journal of Organic Chemistry</i> , 2021 , 41, 3180	3	1
14	Efficient synthesis of polyfunctionalized carbazoles and pyrrolo[3,4]carbazoles via domino Diels-Alder reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2021 , 17, 2425-2432	2.5	1
13	Self-assembly of bis-[1]rotaxanes based on diverse thiourea-bridged mono-functionalized dipillar[5]arenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1	1.7	1
12	Determination of Congo red in food samples by methyl- β -cyclodextrin/Triton X-100 synergistic sensitized fluorescence quenching method of the derivatives of calix[4]arene. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 1551-1559	2	0
11	Synthesis of Ammonium 3,5-Dicyano-4-aryl-2,6-pyridinedionates with One-Pot Reaction of Aromatic Aldehydes, Amines, and Cyanoacetamide. <i>Synthetic Communications</i> , 2013 , 43, 1413-1424	1.7	0
10	Four-Component Reaction for Efficient Construction of Spiro[acenaphthylene-1,2'-quinoline] skeleton. <i>Journal of Heterocyclic Chemistry</i> , 2016 , 53, 583-587	1.9	0
9	Pillar[5]arene-based Three-components Supramolecular Assembly and the Performance of Nitrobenzene-based Explosive Fluorescence Sensing. <i>ChemistrySelect</i> , 2021 , 6, 9363-9367	1.8	0
8	Formation of N,S-Containing Polycycles via Base Promoted Dimerization of N-Phenacyl and N-Benzylbenzothiazolium Bromides. <i>ChemistrySelect</i> , 2020 , 5, 1092-1096	1.8	
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6	A two-dimensional Cd(II) coordination polymer with 2,2'-(disulfanediyl)dibenzoate and 1,10-phenanthroline ligands. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014 , 70, 517-21	0.8	
5	Synthesis and crystal structures of p-tert-butylcalix[4]arene 1,3-distal acylhydrazones and macrocyclic nickel complex. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014 , 80, 235-242 ¹⁻⁷		
4	Utilization of pillar[5]arene-based ICT probes embedded into proteins for live-cell imaging and traceable drug delivery.. <i>Materials Science and Engineering C</i> , 2022 , 112683	8.3	
3	Three-Component Acylation/Peroxidation of Alkenes through Visible-Light Photocatalysis. <i>ChemistrySelect</i> , 2021 , 6, 10834-10838	1.8	
2	Synthesis of Highly Stable Porous Metal-Iminodiacetic Acid Gels from A Novel IDA Compound. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 617-623	4.9	
1	Synthesis of p-tert-Butyldihomooxacalix[4]arene Mono-substituted Dithiocarbonylhydrazones and Dithiosemicarbazones. <i>Polycyclic Aromatic Compounds</i> , 2021 , 41, 526-539	1.3	

