Chao-Guo Yan

List of Publications by Year in Descending Order

269 papers	4,420 citations	33 h-index	51 g-index
282 ext. papers	5,179 ext. citations	3.6 avg, IF	6.1 L-index

#	Paper	IF	Citations
269	Utilization of pillar[5]arene-based ICT probes embedded into proteins for live-cell imaging and traceable drug delivery.. *Materials Science and Engineering C*, **2022**, 112683	8.3	
268	Complexation of pillar[5]arene-based Schiff bases with methylene blue: Formation of binary complexes with improved anticancer activity. *Journal of Molecular Structure*, **2022**, 1257, 132588	3.4	1
267	Copper-Catalyzed Bromo-cyanomethylative Cyclization of Enynes.. *Journal of Organic Chemistry*, **2022**,	4.2	4
266	Visible-Light-Mediated Three-Component Radical Iodosulfonylative Cyclization of Enynes.. *Organic Letters*, **2022**, 24, 2515-2519	6.2	3
265	Three-Component Acylation/Peroxidation of Alkenes through Visible-Light Photocatalysis. *ChemistrySelect*, **2021**, 6, 10834-10838	1.8	
264	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. *ChemistrySelect*, **2021**, 6, 10537-10541	1.8	2
263	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	4.2	2
262	Stereo- and Regioselective -Hydrophosphorylation of 1,3-Enynes Enabled by the Visible-Light Irradiation of NiCl(PPh). *Organic Letters*, **2021**, 23, 2981-2987	6.2	8
261	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
260	Convenient synthesis of hexasubstituted benzene derivatives via DABCO promoted domino reaction of arylidene malononitrile and dialkyl but-2-ynedioate. *Chinese Chemical Letters*, **2021**, 32, 1683-1686	8.1	3
259	Multicomponent Reaction for Diastereoselective Synthesis of Spiro[carbazole-3,4'-pyrazoles] and Spiro[carbazole-3,4'-thiazoles]. *Journal of Organic Chemistry*, **2021**, 86, 8726-8741	4.2	6
258	Anthracene-induced formation of highly twisted metallacycle and its crystal structure and tunable assembly behaviors. *Proceedings of the National Academy of Sciences of the United States of America* , **2021**, 118,	11.5	2
257	Three-Component Radical Iodonitrosylative Cyclization of 1,6-Enynes under Metal-Free Conditions. *Organic Letters*, **2021**, 23, 5044-5048	6.2	10
256	Water Modulated Diastereoselective Synthesis of /-Spiro[indoline-3,6'-naphtho[2,3-]carbazoles]. *Journal of Organic Chemistry*, **2021**, 86, 9263-9279	4.2	4
255	Synthesis of p-tert-Butyldihomooxacalix[4]arene Mono-substituted Dithiocarbonylhydrazones and Dithiosemicarbazones. *Polycyclic Aromatic Compounds*, **2021**, 41, 526-539	1.3	
254	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	8.1	10
253	Construction and investigation of photo-switch property of azobenzene-bridged pillar[5]arene-based [3]rotaxanes. *Chinese Chemical Letters*, **2021**, 32, 57-61	8.1	7

252	Visible-Light Mediated Diarylselenylative Cyclization of 1,6-Enynes. *Journal of Organic Chemistry*, **2021**, 86, 1273-1280	4.2	12
251	Diastereoselective synthesis of spiro[carbazole-3,5′-pyrimidines] and spiro[carbazole-3,1′-cyclohexanes] four-component reaction. *Organic and Biomolecular Chemistry*, **2021**, 19, 6322-6327	3.9	6
250	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. *New Journal of Chemistry*, **2021**, 45, 8314-8320	3.6	2
249	Three-Component Reaction for Efficient Synthesis of Functionalized Spiro[cyclopentane-1,3′-indolines]. *Chinese Journal of Organic Chemistry*, **2021**, 41, 3180	3	1
248	DDQ dehydrogenative Diels–Alder reaction for the synthesis of functionalized spiro[carbazole-1,3?-indolines] and spiro[carbazole-1,5?-pyrimidines]. *New Journal of Chemistry*, **2021**, 45, 15423-15428	3.6	3
247	Aza-Diels-Alder reaction of both electron-deficient azoalkenes with electron-deficient 3-phencaylideneoxindoles and 3-aryliminooxindol-2-ones. *Green Synthesis and Catalysis*, **2021**, 2, 362-362	9.3	3
246	Efficient synthesis of polyfunctionalized carbazoles and pyrrolo[3,4]carbazoles via domino Diels-Alder reaction. *Beilstein Journal of Organic Chemistry*, **2021**, 17, 2425-2432	2.5	1
245	Pillar[5]arene-based Three-component Supramolecular Assembly and the Performance of Nitrobenzene-based Explosive Fluorescence Sensing. *ChemistrySelect*, **2021**, 6, 9363-9367	1.8	0
244	Visible-light-induced ligand to metal charge transfer excitation enabled phosphorylation of aryl halides. *Chemical Communications*, **2021**, 57, 5702-5705	5.8	6
243	Molecular diversity of TEMPO-mediated cycloaddition of ketohydrazones and 3-phenacylideneoxindoles. *New Journal of Chemistry*, **2021**, 45, 5075-5080	3.6	6
242	Construction of Polyfunctionalized 2,4-Dioxa-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. *Journal of Organic Chemistry*, **2021**, 86, 1827-1842	4.2	4
241	A Tutyldihomooxacalix[4]arene Based Soft Gel for Sustained Drug Release in Water. *Frontiers in Chemistry*, **2020**, 8, 33	5	2
240	Mechanism and structure of the interaction of water-soluble pillar[5]arene and ibrutinib that enhances the anticancer activity of ibrutinib. *Journal of Molecular Structure*, **2020**, 1210, 128004	3.4	5
239	Selective construction of functionalized chromeno[3,4-b]pyrroles and benzo[c]chromenes via a K3PO4 promoted three-component reaction. *New Journal of Chemistry*, **2020**, 44, 5720-5724	3.6	4
238	Visible-Light Mediated Hydrosilylative and Hydrophosphorylative Cyclizations of Enynes and Dienes. *Organic Letters*, **2020**, 22, 1748-1753	6.2	17
237	Formation of N,S-Containing Polycycles via Base Promoted Dimerization of N-Phenacyl and N-Benzylbenzothiazolium Bromides. *ChemistrySelect*, **2020**, 5, 1092-1096	1.8	
236	Progress in Multicomponent Reactions Involving 1,3-Indanedione. *Chinese Journal of Organic Chemistry*, **2020**, 40, 4122	3	4
235	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

234	Supramolecular polymer networks based on pillar[5]arene: synthesis, characterization and application in the Fenton reaction. *Chemical Communications*, **2020**, 56, 948-951	5.8	23
233	1,3-Dipolar cycloaddition for selective synthesis of functionalized spiro[indoline-3,3?-pyrrolizines]. *Chinese Chemical Letters*, **2020**, 31, 1554-1557	8.1	3
232	Domino Reaction of Aromatic Aldehydes and 1,3-Indanediones for Construction of Bicyclo[2.2.2]octanes and Dibenzo[,]indeno[1',2':3,4]fluoreno[1,2-]oxonines. *Journal of Organic Chemistry*, **2020**, 85, 2168-2179	4.2	16
231	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
230	Resorcinarene Induced Assembly of Carotene and Lutein into Hierarchical Superstructures. *Journal of the American Chemical Society*, **2020**, 142, 20583-20587	16.4	11
229	Domino □C□H Functionalization and [3+2] Cycloaddition for Efficient Synthesis of Diverse Spiro and Polycyclic Compounds. *ChemistrySelect*, **2020**, 5, 14086-14090	1.8	2
228	Copper-Catalyzed Bromodifluoroacetylative Cyclization of Enynes. *Journal of Organic Chemistry*, **2020**, 85, 15667-15675	4.2	10
227	Convergent Synthesis of Triindanone-Fused Spiro[bicyclo[2.2.2]octane-2,3'-indolines] via Domino Reaction of 1,3-Indanedione and 3-Methyleneoxindoles. *Organic Letters*, **2020**, 22, 8931-8936	6.2	8
226	Diastereoselective Synthesis of Spiro[indoline-3,7?-pyrrolo[1,2-a]azepines] via Sequential [3+2] Cycloaddition and Ring Expansion Reaction. *Asian Journal of Organic Chemistry*, **2020**, 9, 1815-1819	3	3
225	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. *Organic Chemistry Frontiers*, **2020**, 7, 3202-3208	5.2	8
224	Selective Construction of Diverse Polycyclic Spirooxindoles via a Three-Component Reaction of Cyclic Mercapto-Substituted □Enamino Esters, Isatins, and Cyclic 1,3-Diketones. *Journal of Organic Chemistry*, **2020**, 85, 12117-12127	4.2	3
223	Pillar[5]arene-Based [2]Rotaxane: Synthesis, Characterization, and Application in a Coupling Reaction. *Inorganic Chemistry*, **2020**, 59, 11915-11919	5.1	11
222	Construction of [1]rotaxanes with pillar[5]arene as the wheel and terpyridine as the stopper. *Chinese Chemical Letters*, **2020**, 31, 81-83	8.1	11
221	Convenient Synthesis and Coordination Properties of p-tert-butyldihomooxacalix[4]Arene Mono-Schiff Bases. *Polycyclic Aromatic Compounds*, **2020**, 40, 644-659	1.3	3
220	Synthesis and characterization of bis-[1]rotaxanes via salen-bridged bis-pillar[5]arenes. *Chinese Chemical Letters*, **2020**, 31, 725-728	8.1	8
219	Efficient construction of pyrrolo[1?,2?:1,2]azocino[4,5-c]quinolines via cascade cycloaddition and annulation reaction. *Organic Chemistry Frontiers*, **2019**, 6, 3530-3534	5.2	3
218	Efficient synthesis of novel cyclic fused-phenothiazines via domino cyclization of 2-(benzo[b][1,4]thiazin-3-ylidene)acetate, aromatic aldehydes and cyclic 1,3-diketones. *Organic Chemistry Frontiers*, **2019**, 6, 3555-3561	5.2	8
217	Synthesis of 7'-Arylidenespiro[indoline-3,1'-pyrrolizines] and 7'-Arylidenespiro[indene-2,1'-pyrrolizines] via [3 + 2] Cycloaddition and □C-H Functionalized Pyrrolidine. *Journal of Organic Chemistry*, **2019**, 84, 12437-12451	4.2	18

216	Pd-Catalyzed Asymmetric C–H Bond Activation for the Synthesis of P-Stereogenic Dibenzophospholes. *Organometallics*, **2019**, 38, 3916-3920	3.8	27
215	Visible-Light-Driven Chlorotrifluoromethylative and Chlorotrichloromethylative Cyclizations of Enynes. *Journal of Organic Chemistry*, **2019**, 84, 7509-7517	4.2	18
214	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
213	Multi-point interaction-based recognition of fluoride ions by tert-butyldihomooxacalix[4]arenes bearing phenolic hydroxyls and thiourea. *New Journal of Chemistry*, **2019**, 43, 5503-5511	3.6	6
212	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. *Organic Chemistry Frontiers*, **2019**, 6, 1428-1432	5.2	17
211	Multicomponent Reaction for Selective Synthesis of Spiro[indene-2,7?-isoquinoline] and 1,2,8,8 a-Tetrahydroisoquinoline Derivatives. *ChemistrySelect*, **2019**, 4, 2663-2667	1.8	3
210	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	3.9	20
209	Three-component reaction of o-aminophenol (o-phenylenediamine), dialkyl acetylenedicarboxylate and 3-phenacylideneoxindolines. *Molecular Diversity*, **2019**, 23, 123-135	3.1	3
208	Diastereoselective synthesis of spirocyclic isoxazolo[5,4-c]pyrrolo[2,1-a]isoquinolines via cascade double [3 + 2]cycloadditions. *Organic and Biomolecular Chemistry*, **2019**, 17, 8008-8013	3.9	5
207	Construction of Dispiro-Indenone Scaffolds via Domino Cycloaddition Reactions of α,β-Unsaturated Aldimines with 2-Arylidene-1,3-indenediones and 2,2'-(Arylmethylene)bis(1,3-indenediones). *ACS Omega*, **2019**, 4, 13553-13569	3.9	3
206	Regioselective radical arylation: silver-mediated synthesis of 3-phosphorylated coumarins, quinolin-2(1H)-one and benzophosphole oxides. *Organic and Biomolecular Chemistry*, **2019**, 17, 8175-8184	3.9	18
205	Copper-catalyzed selective difunctionalization of N-heteroarenes through a halogen atom transfer radical process. *New Journal of Chemistry*, **2019**, 43, 13832-13836	3.6	2
204	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
203	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
202	Efficient Synthesis of Functionalized 6-(2-Oxoindolin-3-yl)-5-azaspiro[2.4]heptanes. *ChemistrySelect*, **2019**, 4, 11354-11357	1.8	
201	Efficient Synthesis of Fused and Bridged Cyclic Pyrrolo[3,4-a]carbazoles via NH4I Promoted Three-component Reaction. *ChemistrySelect*, **2019**, 4, 10550-10554	1.8	8
200	Construction of Tetrahydrospiro[carbazole-1,2?-indenes] and Dihydrospiro[carbazole-1,3?-indolines] via NH4I Promoted Three-Component Reaction. *ChemistrySelect*, **2019**, 4, 10100-10103	1.8	7
199	Diastereoselective construction of carbazole-based spirooxindoles via the Levy three-component reaction. *Organic and Biomolecular Chemistry*, **2019**, 18, 163-168	3.9	24

198	Structural Design, Synthesis, and Preliminary Biological Evaluation of Novel Dihomooxacalix[4]arene-Based Anti-tumor Agents. *Frontiers in Chemistry*, **2019**, 7, 856	5	6
197	Construction of indeno[1,2-a]fluorene via domino reaction of 1,3-indanedione and 3-arylideneindolin-2-ones or chalcones. *Organic and Biomolecular Chemistry*, **2019**, 17, 9008-9013	3.9	4
196	Construction of Unique Eight- or Nine-Membered Polyheterocyclic Systems via Multicomponent Reaction of l-Proline, Alkyl Propiolate, and Isatin. *Journal of Organic Chemistry*, **2019**, 84, 622-635	4.2	21
195	One-pot three-component synthesis and oxidation of functionalized tetrahydrobenzo[d]pyrrolo[2,1-b]thiazoles. *Molecular Diversity*, **2018**, 22, 609-626	3.1	5
194	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
193	Synthesis of dithioureado-bridged bis-pillar[5]arenes and formation of unique bis-[1]rotaxanes. *Supramolecular Chemistry*, **2018**, 30, 642-647	1.8	8
192	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. *Organic Letters*, **2018**, 20, 987-990	6.2	24
191	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. *Journal of the Iranian Chemical Society*, **2018**, 15, 1551-1559	2	0
190	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. *Journal of Organic Chemistry*, **2018**, 83, 5909-5919	4.2	27
189	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
188	Synthesis of functionalized dispiro[indoline-3,1[Formula: see text]-cyclopentane-3[Formula: see text],3[Formula: see text]-indolines] via cyclodimerization of 3-phenacylideneoxindolines with benzoylhydrazides and arylhydrazines. *Molecular Diversity*, **2018**, 22, 21-36	3.1	7
187	Synthesis of visible-light mediated tryptanthrin derivatives from isatin and isatoic anhydride under transition metal-free conditions. *Organic Chemistry Frontiers*, **2018**, 5, 51-54	5.2	29
186	Synthesis of diamido-bridged bis-pillar[5]arenes and tris-pillar[5]arenes for construction of unique [1]rotaxanes and bis-[1]rotaxanes. *Beilstein Journal of Organic Chemistry*, **2018**, 14, 1660-1667	2.5	10
185	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
184	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
183	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
182	Selective construction of indeno[1,2-b]phenothiazine and indeno[2,1-c]phenothiazine via tandem annulation reaction. *Tetrahedron*, **2018**, 74, 2871-2875	2.4	9
181	2,3-Ethylene-bridged dihomooxacalix[4]arenes: synthesis, X-ray crystal structures and highly selective binding properties with anions. *New Journal of Chemistry*, **2018**, 42, 10689-10696	3.6	5

180	Domino aza/oxa-hetero-Diels–Alder reaction for construction of novel spiro[pyrido[3?,2?:5,6]pyrano[2,3-d]pyrimidine-7,5?-pyrimidine]. *Organic Chemistry Frontiers*, **2018**, 5, 2754-2758	5.2	3
179	Convenient construction of tetrahydrochromeno[4',3':2,3]indolizino[8,7-]indoles and tetrahydroindolizino[8,7-]indoles one-pot domino reaction.. *RSC Advances*, **2018**, 8, 28736-28744	3.7	6
178	Tandem four-component reaction for efficient synthesis of dihydrothiophene with substituted amino acid ethyl esters.. *RSC Advances*, **2018**, 8, 22498-22505	3.7	2
177	Selective Construction of Spiro[indene-2,4?-pyrido[1,2-a]quinolines] and Dihydroindeno[1,2-b]pyrene via Domino Reactions of Huisgen's 1,4-Dipoles. *ChemistrySelect*, **2018**, 3, 13271-13274	1.8	6
176	Visible-Light-Mediated Chlorosulfonylative Cyclizations of 1,6-Enynes. *Advanced Synthesis and Catalysis*, **2018**, 360, 4325-4329	5.6	27
175	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
174	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
173	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	3.9	21
172	Synthesis and crystal structures of p-tert-butyldihomooxacalix[4]arene mono-Schiff bases. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2017**, 87, 157-166	1.7	4
171	Formation of diverse polycyclic spirooxindoles via three-component reaction of isoquinolinium salts, isatins and malononitrile. *Scientific Reports*, **2017**, 7, 41024	4.9	18
170	One-Pot Reaction for the Convenient Synthesis of Functionalized 2-Oxaspiro[bicyclo[2.2.1]heptane-2,3?-indolines]. *ChemistrySelect*, **2017**, 2, 304-308	1.8	2
169	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
168	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
167	Construction of Spiro[indene-2,1?-pyrrolo[2,1-a]isoquinoline]s through a Visible-Light-Catalyzed Oxidative [3+2] Cycloaddition Reaction. *Asian Journal of Organic Chemistry*, **2017**, 6, 862-866	3	6
166	[2+2+2] cycloaddition reactions of β-unsaturated N -arylaldimines, acetylenedicarboxylates and 2-arylidene-1,3-indanediones. *Tetrahedron*, **2017**, 73, 3387-3397	2.4	4
165	Molecular Diversity of Three-Component Reaction of β-Enamino Imide, Malononitrile and Cyclic 1,3-Diketones. *Chinese Journal of Chemistry*, **2017**, 35, 1422-1430	4.9	2
164	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. *ChemistrySelect*, **2017**, 2, 2803-2806	1.8	1
163	A [3 + 2]–[4 + 2]–[3 + 2] cycloaddition sequence of isoquinolinium ylide. *Organic Chemistry Frontiers*, **2017**, 4, 354-357	5.2	28

162	Regioselectivity and diastereoselectivity of three-component reaction of □amino acid, dialkyl acetylenedicarboxylates and 2-arylidene-1,3-indanediones. *Scientific Reports*, **2017**, 7, 12418	4.9	7
161	An Efficient Synthesis of Spiropyrroloquinolines by the Domino Reaction of □Dicarbonyl Compounds and Anilinosuccinimides. *European Journal of Organic Chemistry*, **2017**, 2017, 6861-6866	3.2	2
160	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
159	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
158	Construction and single crystal structures of pseudo[1]rotaxanes based on pillar[5]arene mono-pyridylimine derivatives. *Tetrahedron*, **2017**, 73, 5107-5114	2.4	10
157	Cyclodimerization of 3-phenacylideneoxindolines with amino esters for the synthesis of dispiro[indoline-3,1?-cyclopentane-3?,3?-indolines]. *Heterocyclic Communications*, **2017**, 23,	1.7	2
156	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	3.9	10
155	Molecular Diversity of 1,3-Dipolar Cycloaddition of Quinolinium Ylides with Isatylidene Malononitriles. *ChemistrySelect*, **2017**, 2, 10835-10839	1.8	5
154	TfOH-Catalyzed One-Pot Domino Reaction for Diastereoselective Synthesis of Polysubstituted Tetrahydrospiro[carbazole-1,3'-indoline]s. *Journal of Organic Chemistry*, **2017**, 82, 13277-13287	4.2	36
153	Tandem Double [3 + 2] Cycloaddition Reactions at Both C-1 and C-3 Atoms of -Cyanomethylisoquinolinium Ylide. *ACS Omega*, **2017**, 2, 7820-7830	3.9	19
152	Generation of New 1,3-Dipolar Azomethine Ylide via Reaction of Ethyl Glycinate with Dialkyl But-2-ynedioate and Tandem 1,3-Dipolar Cycloaddition Reaction. *ChemistrySelect*, **2017**, 2, 10496-10500	1.8	6
151	Selective construction of polycyclic spirooxindoles via a Cu(OTf)/HOTf-catalyzed domino reaction of o-arylalkynylacetophenones and 3-phenacylideneoxindoles. *Organic and Biomolecular Chemistry*, **2017**, 15, 6353-6357	3.9	7
150	Synthesis, crystal structures and complexing ability of difunctionalized copillar[5]arene Schiff bases. *Chinese Chemical Letters*, **2017**, 28, 431-436	8.1	11
149	Formation of zwitterionic salts via three-component reaction of benzimidazolium bromides, aromatic aldehydes and 1,3-indanedione. *RSC Advances*, **2016**, 6, 84379-84387	3.7	8
148	Convenient Construction of Indanedione-Fused 2,5-Dihydropyridines, 4,5-Dihydropyridines, and Spirooxindolines. *European Journal of Organic Chemistry*, **2016**, 2016, 5423-5428	3.2	18
147	Synthesis, X-ray crystal structure and anti-tumor activity of calix[n]arene polyhydroxyamine derivatives. *European Journal of Medicinal Chemistry*, **2016**, 123, 21-30	6.8	23
146	Single crystal structures and complexing properties of some copillar[5]arene mono-Schiff bases. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2016**, 86, 231-240	1.7	8
145	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	4.9	30

144	Three-Component Reaction for the Convenient Synthesis of Functionalized 3-{1-[2-(1H-Indol-3-yl)ethyl]-4,5,6,7-tetrahydro-1H-indol-3-yl}indolin-2-ones. *Synthesis*, **2016**, 48, 3057-3064	2.9	9
143	Diastereoselective synthesis of functionalized spiro[cyclopropane-1,3?-indolines] and spiro[indoline-3,1?-cyclopropane-2?,3?-indolines]. *Tetrahedron*, **2016**, 72, 5057-5063	2.4	13
142	Diastereoselective synthesis of dispiro[indoline-3,1?-cyclobutane-2?,3?-indolines] via visible light catalyzed cyclodimerization of 3-phenacylideneoxindoles. *Heterocyclic Communications*, **2016**, 22,	1.7	8
141	Molecular diversity of the three-component reaction of □amino acids, dialkyl acetylenedicarboxylates and N-substituted maleimides. *Organic and Biomolecular Chemistry*, **2016**, 14, 6497-507	3.9	20
140	Rapid Synthesis of Functionalized (1-Benzo[d]thiazol-2-ylimidazolidin-4-ylidene)acetates and (1-Thiazol-2-ylimidazolidin-4-ylid□ene)acetates via a Three-Component Reaction. *Synthesis*, **2016**, 48, 535-540	2.9	2
139	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
138	Four-Component Reaction for Efficient Construction of Spiro[acenaphthylene-1,2?-quinoline] skeleton. *Journal of Heterocyclic Chemistry*, **2016**, 53, 583-587	1.9	0
137	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
136	Convenient Synthesis of Functionalized 3,4,10,11-tetrahydroindolo[1,2-a]Quinoxalines Via Three-component Reaction of Dimedone, 3-nitrochromenes and Ammonium Acetate. *Journal of Heterocyclic Chemistry*, **2016**, 53, 800-804	1.9	7
135	Synthesis of Highly Stable Porous Metal-Iminodiacetic Acid Gels from A Novel IDA Compound. *Chinese Journal of Chemistry*, **2016**, 34, 617-623	4.9	
134	Selective Synthesis of 1,2-Diarylpyrrolo[3,4-b]pyridine-5,7-diones via Cyclization Reaction of □Enamino Imides with Cinnamaldehydes. *Chinese Journal of Chemistry*, **2016**, 34, 1255-1262	4.9	3
133	Two-carbon ring expansion of isatin: a convenient construction of a dibenzo[b,d]azepinone scaffold. *Chemical Communications*, **2016**, 52, 6280-3	5.8	32
132	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	3.7	10
131	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	3.7	11
130	Indium chloride catalyzed three-component reaction for the synthesis of 2-((oxoindolin-3-yl)-4,5,6,7-tetrahydro-1H-indol-1-yl)benzamides. *RSC Advances*, **2016**, 6, 42173-42179	3.7	4
129	Convenient Synthesis of Triphenylphosphanylidene 1?,3?-Dihydrospiro[cyclopentane-1,2?-inden]-2-enes via Three-Component Reaction. *Synthesis*, **2016**, 48, 4465-4470	2.9	3
128	Convenient synthesis of the functionalized 1?,3?-dihydrospiro[cyclopentane-1,2?-inden]-2-enes via a three-component reaction. *Heterocyclic Communications*, **2016**, 22,	1.7	5
127	Synthesis of densely substituted dispirocyclopentanebisoxindoles by base promoted sequential reaction of two different 3-methyleneoxindoles with thiol. *ChemistrySelect*, **2016**, 1, 1447-1451	1.8	6

126	Synthesis of spirocyclic 1,3-oxazines via three-component reactions of unsaturated N-arylaldimines, dialkyl acetylenedicarboxylate and quinones. *Tetrahedron*, **2015**, 71, 6681-6688	2.4	10
125	Unprecedented formation of spiro[indoline-3,7?-pyrrolo[1,2-a]azepine] from multicomponent reaction of L-proline, isatin and but-2-ynedioate. *RSC Advances*, **2015**, 5, 32786-32794	3.7	37
124	Convenient synthesis of functionalized spiro[indoline-3,2'-pyrrolizines] or spiro[indoline-3,3'-pyrrolidines] via multicomponent reactions. *Organic and Biomolecular Chemistry*, **2015**, 13, 5905-17	3.9	61
123	Convenient Synthesis of 2-[2-Aryl-2-oxo-1-(2-oxoindolin-3-ylidene)ethyl]fumarates via a One-Pot, Two-Step Reaction. *Synthesis*, **2015**, 47, 193-198	2.9	1
122	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
121	Triphenylphosphine catalyzed domino reaction of dialkyl acetylenedicarboxylate with 3-aryl-2-benzoylcyclopropane-1,1-dicarbonitrile. *Heterocyclic Communications*, **2015**, 21, 329-333	1.7	2
120	Diastereoselective synthesis of spiro[benzo[d]pyrrolo[2,1-b]thiazole-3,3'-indolines] via cycloaddition reaction of N-phenacylbenzothiazolium bromides and 3-methyleneoxindoles. *Organic and Biomolecular Chemistry*, **2015**, 13, 10929-38	3.9	40
119	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
118	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
117	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. *RSC Advances*, **2015**, 5, 4475-4483	3.7	25
116	Crystal structure and fluorescence sensing properties of tetramethoxyresorcinarene functionalized Schiff bases. *Journal of Molecular Structure*, **2015**, 1081, 355-361	3.4	13
115	Synthesis and crystal structures of meso-substituted calix[4]pyrrole mono-Schiff bases and transition metal complexes. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2015**, 81, 215-224	1.7	1
114	A Three-Component Reaction for the Efficient Construction of the 2?,11b?-Dihydrospiro[indoline-3,1?-pyrido[2,1-a]isoquinoline] Skeleton. *Journal of Heterocyclic Chemistry*, **2015**, 52, 1278-1285	1.9	4
113	One-pot Two-Step Cycloaddition Reaction for Convenient Synthesis of Polycyclic Spirooxindole-fused [1,3]Oxazines. *Chinese Journal of Chemistry*, **2015**, 33, 1049-1056	4.9	8
112	Convenient Synthesis of Functionalized 6-Styryl-1,4,5,6-tetrahydropyridines through a Domino [2+2+2] Cycloaddition Reaction. *European Journal of Organic Chemistry*, **2015**, 2015, 7571-7582	3.2	7
111	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
110	Three-Component Reaction for Construction of Spiro[indoline-3,7?-thiazolo[3,2-a]pyridines] and Spiro[benzo[4,5]thiazolo[3,2-a]pyridine-3,3?-indolines]. *Chinese Journal of Chemistry*, **2015**, 33, 1371-1379	4.9	8
109	Preparation and application of tubular assemblies based on amphiphilic tetramethoxyresorcinarenes. *RSC Advances*, **2015**, 5, 102454-102461	3.7	4

108	Syntheses and crystal structures of functionalized tetramethyl resorcinarenes. *Chemical Research in Chinese Universities*, **2015**, 31, 925-929	2.2	1
107	Synthesis and crystal structures of Ag and Hg complexes of bis(N-heterocyclic carbenes) on p-tert-butylcalix[4]arene platform. *Supramolecular Chemistry*, **2015**, 27, 407-413	1.8	6
106	Synthesis of complex dispirocyclopentanebisoxindoles via cycloaddition reactions of 4-dimethylamino-1-alkoxycarbonylmethylpyridinium bromides with 2-oxoindolin-3-ylidene derivatives. *Tetrahedron*, **2014**, 70, 2537-2545	2.4	32
105	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, 91-9	3.1	17
104	Convenient synthesis of triphenylphosphanylidene spiro[cyclopentane-1,3'-indolines] and spiro[cyclopent[3]ene-1,3'-indolines] via three-component reactions. [Corrected]. *Organic Letters*, **2014**, 16, 2654-7	6.2	61
103	Synthesis, crystal structures and complexing properties of tetramethoxyresorcinarene functionalized tetraacylhydrazones. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2014**, 79, 485-494	1.7	10
102	Determination of trace copper(II) by Triton X-100 sensitized fluorescence quenching of a novel calix[4]arene Schiff base derivative. *Analytical Methods*, **2014**, 6, 575-580	3.2	8
101	Synthesis and properties of functionalized Schiff bases of 5,10-di(4-hydroxylphenyl)calix[4]pyrrole and 5,15-di(4-hydroxylphenyl)calix[4]pyrrole. *Chemical Research in Chinese Universities*, **2014**, 30, 919-924	2.2	2
100	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. *RSC Advances*, **2014**, 4, 62817-62826	3.7	25
99	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
98	Synthesis of Functionalized 1-Benzamido-1,4-dihydropyridines via a One-Pot Two-Step Four-Component Reaction. *Chinese Journal of Chemistry*, **2014**, 32, 1143-1150	4.9	9
97	Efficient synthesis of polycyclic dispirooxindoles via domino Diels–Alder cyclodimerization reaction. *Tetrahedron*, **2014**, 70, 6641-6650	2.4	14
96	Synthesis and crystal structure of p-tert-butylcalix[4]arene 1,3-distal and monosubstituted semicarbazones and thiosemicarbazones. *Chemical Research in Chinese Universities*, **2014**, 30, 415-419	2.2	2
95	A Three-Component Reaction for the Synthesis of Diverse, Densely Substituted 2?,3?-Dihydrospiro[indoline-3,6?-[1,3]oxazine]s. *European Journal of Organic Chemistry*, **2014**, 2014, 5598-5602	3.2	18
94	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. *Journal of Organic Chemistry*, **2014**, 79, 4131-6	4.2	59
93	Domino reactions of vinyl malononitriles with 3-phenacylideneoxindoles for efficient synthesis of functionalized spirocyclic oxindoles. *ACS Combinatorial Science*, **2014**, 16, 271-80	3.9	26
92	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
91	Povarov Reaction of Enamino Esters and Isatin-3-imines for Diastereoselective Synthesis of Spiro[indoline-3,2?-quinolines]. *Synthesis*, **2014**, 46, 489-495	2.9	11

90	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. *Synthesis*, **2014**, 46, 1059-1066	2.9	23
89	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
88	Diastereoselective Synthesis of Functionalized Tetrahydropyrimidin-2-thiones via ZnCl2 Promoted One-pot Reactions. *Chinese Journal of Chemistry*, **2014**, 32, 172-178	4.9	7
87	A two-dimensional Cd(II) coordination polymer with 2,2'-(disulfanediyl)dibenzoate and 1,10-phenanthroline ligands. *Acta Crystallographica Section C, Structural Chemistry*, **2014**, 70, 517-21	0.8	
86	Synthesis and crystal structures of p-tert-butylcalix[4]arene 1,3-distal acylhydrazones and macrocyclic nickel complex. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2014**, 80, 235-242	1.7	
85	Synthesis, crystal structure and copper complex of 1,3-alternate p-tert-butylthiacalix[4]arene 2-picolyl schiff base. *Chemical Research in Chinese Universities*, **2014**, 30, 245-249	2.2	3
84	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
83	Efficient Synthesis of Spiro[furan-3,3?-indoline] Derivatives via Reactions of Pyridinium Salts with Isatinylidene Acetoacetates. *Chinese Journal of Chemistry*, **2013**, 31, 1054-1058	4.9	10
82	Construction of dispirocyclopentanebisoxindoles via self-domino Michael-aldol reactions of 3-phenacylideneoxindoles. *Journal of Organic Chemistry*, **2013**, 78, 8354-65	4.2	54
81	Diastereoselective Synthesis of Arylidene Bis(3-arylaminoacrylates) via One-pot Domino Reactions. *Chinese Journal of Chemistry*, **2013**, 31, 479-484	4.9	15
80	Synthesis, crystal structure of bis-terpyridinyl-calix[4]arene derivatives and fluorescent sensor for Zn2+. *Chemical Research in Chinese Universities*, **2013**, 29, 874-878	2.2	3
79	The molecular diversity of three-component reactions of 4-dimethylamino- or 4-methoxypyridine with acetylenedicarboxylates and arylidene cyanoacetates. *Tetrahedron*, **2013**, 69, 10565-10572	2.4	32
78	Synthesis of functionalized 2-pyrrolidinones via domino reactions of arylamines, ethyl glyoxylate and acetylenedicarboxylates. *Tetrahedron*, **2013**, 69, 589-594	2.4	45
77	Synthesis of Ammonium 3,5-Dicyano-4-aryl-2,6-pyridinedionates with One-Pot Reaction of Aromatic Aldehydes, Amines, and Cyanoacetamide. *Synthetic Communications*, **2013**, 43, 1413-1424	1.7	0
76	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. *Tetrahedron*, **2013**, 69, 5451-5459	2.4	18
75	Molecular diversity of cycloaddition reactions of the functionalized pyridinium salts with 3-phenacylideneoxindoles. *Tetrahedron*, **2013**, 69, 5841-5849	2.4	41
74	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. *Tetrahedron*, **2013**, 69, 10235-10244	2.4	38
73	Diastereoselective synthesis of 1,10-dihydropyrrolo[1,2-a][1,10]phenanthroline derivatives via 1,3-dipolar cycloaddition reaction. *Chemical Research in Chinese Universities*, **2013**, 29, 1089-1093	2.2	4

72	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
71	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	2.5	30
70	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
69	Four-component reaction of cyclic amines, 2-aminobenzothiazole, aromatic aldehydes and acetylenedicarboxylate. *Beilstein Journal of Organic Chemistry*, **2013**, 9, 2934-9	2.5	8
68	Surfactant Sensitized Calix[4]arenes Fluorescence Quenching Method for Speciation of Cr(VI)/Cr(III) in Water Samples. *ISRN Spectroscopy*, **2013**, 2013, 1-8		2
67	Efficient synthesis of pentasubstituted pyrroles via one-pot reactions of arylamines, acetylenedicarboxylates, and 3-phenacylideneoxindoles. *Tetrahedron*, **2012**, 68, 8256-8260	2.4	57
66	Synthesis of Di(6-aminouracil-5-yl)-arylmethane: A New Product of the Reaction of 6-Aminouracil with Aldehyde. *Synthetic Communications*, **2012**, 42, 849-857	1.7	3
65	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. *Organic and Biomolecular Chemistry*, **2012**, 10, 9452-63	3.9	53
64	One-pot synthesis of 4-substituted isoquinolinium zwitterionic salts by metal-free C-H bond activation. *Chemical Communications*, **2012**, 48, 4492-4	5.8	30
63	Syntheses and structures of Mn(II), Co(II), and Zn(II) complexes of 1,3-diterpyridyl-substituted p-tert-butylcalix[4]arene. *Journal of Coordination Chemistry*, **2012**, 65, 3086-3097	1.6	7
62	Synthesis of Functionalized 2-Aminopyrroles by Lewis Acid Catalyzed Ring-opening of 1,1,2,3-Tetrasubstituted Cyclopropanes with Arylamines. *Chinese Journal of Chemistry*, **2012**, 30, 1867-1872	4.9	10
61	Synthesis of the functionalized spiro[indoline-3,5?-pyrroline]-2,2?-diones via three-component reactions of arylamines, acetylenedicarboxylates, and isatins. *Tetrahedron*, **2012**, 68, 8539-8544	2.4	49
60	Facile synthesis of dispirooxindole-fused heterocycles via domino 1,4-dipolar addition and Diels-Alder reaction of in situ generated Huisgen 1,4-dipoles. *Organic Letters*, **2012**, 14, 5172-5	6.2	131
59	Synthesis of Spiro[indoline-3,2?-quinoline] Derivatives through a Four-Component Reaction. *European Journal of Organic Chemistry*, **2012**, 2012, 1976-1983	3.2	61
58	Molecular Diversity of Three-Component Reactions of N-Benzylbenzimidazolium Salts, Isatin, and Malononitrile or Ethyl Cyanoacetate. *European Journal of Organic Chemistry*, **2012**, 2012, 3157-3164	3.2	26
57	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
56	Efficient Construction and Structure Determination of Novel Macrocycles with Calixarene Bishydrazones. *Chinese Journal of Chemistry*, **2012**, 30, 1539-1542	4.9	5
55	Development of Domino Reactions with β-Enamino Esters as Key Intermediates. *Chinese Journal of Organic Chemistry*, **2012**, 32, 1577	3	30

54	Spiro(fluorene-9,9?-xanthene)-Based Porous Organic Polymers: Preparation, Porosity, and Exceptional Hydrogen Uptake at Low Pressure. *Macromolecules*, **2011**, 44, 7987-7993	5.5	72
53	Tetraphenylethylene-based fluorescent porous organic polymers: preparation, gas sorption properties and photoluminescence properties. *Journal of Materials Chemistry*, **2011**, 21, 13554		144
52	Porous Organic Polymers Based on Propeller-Like Hexaphenylbenzene Building Units. *Macromolecules*, **2011**, 44, 5573-5577	5.5	104
51	One-Pot Multicomponent Condensation Reaction of Aldehydes with Cyclic Ketones. *Synthetic Communications*, **2011**, 41, 841-850	1.7	8
50	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, 436-41	3.9	61
49	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, 421-6	3.9	65
48	Convenient synthesis of polyfunctional dihydrothiophenes with tandem reaction of 1,3-thiazolidinedione, aldehyde, arylamine and ethyl cyanoacetate. *Molecular Diversity*, **2011**, 15, 115-23	3.1	8
47	Molecular Diversity of Three-Component Reactions of Aromatic Aldehydes, Arylamines, and Acetylenedicarboxylates. *European Journal of Organic Chemistry*, **2011**, 2011, 2981-2986	3.2	83
46	Selective Synthesis of Fused 1,4- and 1,2-Dihydropyridines by Domino Reactions of Arylamines, Acetylenedicarboxylate, Aldehydes, and Cyclic 1,3-Diketones. *European Journal of Organic Chemistry*, **2011**, 2011, 6952-6956	3.2	44
45	Molecular Diversity of the Three-Component Reactions of N-Benzylbenzimidazolium Salts, Aromatic Aldehydes, and Active Methylene Compounds. *European Journal of Organic Chemistry*, **2011**, 2011, 7194-7198	3.2	9
44	Synthesis of Functionalized Thiophenes by Four-component Reactions of 1,3-Thiazolidinedione, Aromatic Aldehydes, Cyanoacetamide and Cyclic Secondary Amines. *Chinese Journal of Chemistry*, **2011**, 29, 2461-2464	4.9	5
43	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	3.3	48
42	Synthesis of zwitterionic salts of pyridinium-Meldrum acid and barbiturate through unique four-component reactions. *ACS Combinatorial Science*, **2010**, 12, 260-5		44
41	Synthesis of polysubstituted dihydropyridines by four-component reactions of aromatic aldehydes, malononitrile, arylamines, and acetylenedicarboxylate. *Organic Letters*, **2010**, 12, 3678-81	6.2	102
40	Selective decoration of metal nanoparticles inside or outside of organic microstructures via self-assembly of resorcinarene. *ACS Nano*, **2010**, 4, 2129-41	16.7	57
39	Efficient Synthesis of Alkylene Bridging Bisdihydropyridines. *Synthetic Communications*, **2010**, 40, 1333-1338	1.7	6
38	A novel four-component reaction involving ring-opening/recyclization of 1,3-thiazolidinedione. *Science China Chemistry*, **2010**, 53, 863-868	7.9	8
37	Preparation of Resorcinarene-Functionalized Gold Nanoparticles and Their Catalytic Activities for Reduction of Aromatic Nitro Compounds. *Chinese Journal of Chemistry*, **2010**, 28, 705-712	4.9	31

36	Sodium Acetate Catalyzed Multicomponent Cyclization of Aromatic Aldehydes, Acetone and Meldrum Acid. *Chinese Journal of Chemistry*, **2010**, 28, 2451-2454	4.9	1
35	Synthesis of ammonium S□ bond linked dipyridinedionates via four-component reactions of cyanoacetamide, aldehyde, amine and 1,3-thiazolidinedione. *Tetrahedron*, **2010**, 66, 7794-7798	2.4	6
34	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	2.4	34
33	Dicopper complex of p-tert -butylcalix8arene bearing acylhydrazone pendant domains. *Journal of Coordination Chemistry*, **2009**, 62, 825-832	1.6	10
32	Transition metal complexes of bidentate p-tert-butylcalix[4]arene S-alkyldithiocarbazate Schiff bases. *Journal of Coordination Chemistry*, **2009**, 62, 2337-2346	1.6	11
31	Metallic macrocycle with a 1,3-alternate calix[4]arene salicylideneamine ligand. *Journal of Coordination Chemistry*, **2009**, 62, 2118-2124	1.6	15
30	Triethylamine-Catalyzed Domino Reactions of 1,3-Thiazolidinedione: A Facile Access to Functionalized Dihydrothiophenes. *European Journal of Organic Chemistry*, **2009**, 2009, 5247-5254	3.2	26
29	Diastereoselective synthesis of trans-2,3-dihydrofurans with pyridinium ylide assisted tandem reaction. *Journal of Organic Chemistry*, **2009**, 74, 7403-6	4.2	129
28	Organic Catalytic Multicomponent One-Pot Synthesis of Highly Substituted Pyrroles. *Synthetic Communications*, **2009**, 39, 3833-3844	1.7	8
27	Novel One-Pot Procedure for the Synthesis of 1,2-Diketones. *Synthetic Communications*, **2009**, 39, 492-496	1.7	12
26	PdO-Catalyzed Synthesis of Tricyclic Compounds Using Biginelli-Like Reaction. *Synthetic Communications*, **2009**, 39, 3796-3803	1.7	11
25	Synthesis of dihydrothiophenes or spirocyclic compounds by domino reactions of 1,3-thiazolidinedione. *Journal of Organic Chemistry*, **2009**, 74, 3398-401	4.2	39
24	Pyridinium ylide-assisted one-pot two-step tandem synthesis of polysubstituted cyclopropanes. *ACS Combinatorial Science*, **2009**, 11, 1007-10		81
23	Hydrothermal syntheses, structures and luminescent properties of d10 metal□organic frameworks based on rigid 3,3?,5,5?-azobenzenetetracarboxylic acid. *CrystEngComm*, **2008**, 10, 1395	3.3	116
22	Synthesis, crystal structure and configuration of resorcinarene amides. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2008**, 61, 119-126		7
21	Self-Assembly and Metallization of Resorcinarene Microtubes in Water. *Advanced Functional Materials*, **2008**, 18, 3981-3990	15.6	38
20	One-pot multicomponent synthesis of substituted 5,7-dihydro-1,6-naphthyridines and 5,6,7,8-tetrahydroquinolines. *Open Chemistry*, **2008**, 6, 188-198	1.6	3
19	Efficient synthesis of diarylidene octahydroacridines by one-pot multi-component tandem reactions. *Open Chemistry*, **2008**, 6, 404-409	1.6	1

18	Synthesis, crystal structure and configuration of acetylated aryl Pyrogallol[4]arenes. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2007**, 59, 257-263		9
17	Syntheses and metal ions recognition of dendritic calix[n]arenes (n = 6,8) amide derivative. *Frontiers of Chemistry in China: Selected Publications From Chinese Universities*, **2007**, 2, 45-49		4
16	Synthesis, Recognition of Metal Ions of Salicylidenimine Functionalized p-tert-Butylcalix[n]arene-core Dendrimers. *Supramolecular Chemistry*, **2007**, 19, 467-473	1.8	5
15	Microwave-assisted four-component, one-pot condensation reaction: an efficient synthesis of annulated pyridines. *Organic and Biomolecular Chemistry*, **2007**, 5, 945-51	3.9	51
14	Syntheses and crystal structures of transition metal complexes of 1,1?-bisacetylacetoferrocene. *Journal of Coordination Chemistry*, **2007**, 60, 1083-1091	1.6	7
13	Rapid One-Pot Preparation of 2-Substituted Benzimidazoles from Esters using Microwave Conditions. *Synthetic Communications*, **2006**, 36, 2597-2601	1.7	23
12	Synthesis of Thiourea-Bridged Cluster Glycoside Calixarenes. *Synthetic Communications*, **2005**, 35, 2355-2361	1.7	2
11	Novel Method for the Synthesis of 1,3,5-Triarylbenzenes from Ketones. *Synthetic Communications*, **2005**, 35, 3167-3171	1.7	26
10	Novel Synthesis of p-t-Butylcalix[n]arenes Bearing Ethylene Glycol Ether Chains. *Synthetic Communications*, **2004**, 34, 4493-4497	1.7	3
9	One Step of Palladium Catalyzed Benzodioxane Ring C□O Bond Formation, Synthesis of Isoamericanol A and Isoamericanin A. *Synthetic Communications*, **2004**, 34, 1723-1727	1.7	3
8	FACILE SYNTHESIS OF FURFURYL DIETHERS VIA SOLID□IQUID PHASE TRANSFER SYSTEM. *Synthetic Communications*, **2002**, 32, 1735-1739	1.7	4
7	KF-Al2O3 CATALYZED THE CONDENSATIONS OF 2-METHYLBENZOXAZOLE AND PYRAZOL-5-ONE WITH AROMATIC ALDEHYDES. *Synthetic Communications*, **2001**, 31, 151-154	1.7	6
6	Phase Transfer Catalyzed Synthesis of Ferrocenoylcyclopropans. *Synthetic Communications*, **2000**, 30, 2197-2203	1.7	1
5	KF-Al2O3 Induced the Condensation of 2-Nitrofluorene and Para-Substituted Acetophenones with Aromatic Aldehydes. *Synthetic Communications*, **2000**, 30, 3809-3814	1.7	4
4	Kf-Al2O3 Induced Condensations of Indene with Aromatic Aldehydes. *Synthetic Communications*, **1997**, 27, 3985-3990	1.7	4
3	Potassium Fluoride Supported on Alumina Induced Aldol Condensation of Fluorene. *Synthetic Communications*, **1996**, 26, 3719-3723	1.7	6
2	Convenient construction of unique bis-[1]rotaxanes based on azobenzene-bridged dipillar[5]arenes. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*,1	1.7	1
1	Self-assembly of bis-[1]rotaxanes based on diverse thiourea-bridged mono-functionalized dipillar[5]arenes. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*,1	1.7	1