

Chemistry and Biology Of Multicomponent Reactions

Chemical Reviews

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Development of a general process for the synthesis of highly substituted imidazoles. <i>Pure and Applied Chemistry</i> , 2002, 74, 1349-1357.	0.9	31
3	Three-Component, One-Pot Sequential Synthesis of Functionalized Cyclazines: 3 <i>H</i> -1,2a ¹ ,3-Triazaacenaphthylenes. <i>Journal of Organic Chemistry</i> , 2012, 77, 10745-10751.	1.7	33
4	Regioselective multicomponent sequential synthesis of hydantoins. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9538.	1.5	22
5	Sequence Regulated Poly(ester-amide)s Based on Passerini Reaction. <i>ACS Macro Letters</i> , 2012, 1, 1300-1303.	2.3	203
6	Ugi 4-CR/Pictet-Spengler reaction as a short route to tryptophan-derived peptidomimetics. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9004.	1.5	29
7	A simple and efficient method for the facile access of highly functionalized pyridines and their fluorescence property studies. <i>RSC Advances</i> , 2012, 2, 12305.	1.7	52
8	Gold(i) and platinum(ii) switch: a post-Ugi intramolecular hydroarylation to pyrrolopyridinones and pyrroloazepinones. <i>Chemical Communications</i> , 2012, 48, 10916.	2.2	84
9	Multicomponent reactions in unconventional solvents: state of the art. <i>Green Chemistry</i> , 2012, 14, 2091.	4.6	521
10	4-Isocyanopermethybutane-1,1,3-triol (IPB): a convertible isonitrile for multicomponent reactions. <i>Tetrahedron Letters</i> , 2012, 53, 5360-5363.	0.7	33
11	Recent applications of multicomponent reactions in medicinal chemistry. <i>MedChemComm</i> , 2012, 3, 1189.	3.5	403
12	Isatins As Privileged Molecules in Design and Synthesis of Spiro-Fused Cyclic Frameworks. <i>Chemical Reviews</i> , 2012, 112, 6104-6155.	23.0	1,384
13	Recent advances in new multicomponent synthesis of structurally diversified 1,4-dihydropyridines. <i>RSC Advances</i> , 2012, 2, 9763.	1.7	211
16	A Diversity-Oriented Approach to Spiroindolines: Post-Ugi Gold-Catalyzed Diastereoselective Domino Cyclization. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9572-9575.	7.2	147
17	Efficient Assembly of Iminodicarboxamides by a Truly-Four-Component Reaction. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10280-10283.	7.2	50
19	Three-Component, One-Pot Sequential Synthesis of Tetracyclic Pyrido[2 <i>a</i> ,1 <i>a</i> :2,3]imidazo[5,1 <i>a</i>]isoquinolinium Compounds as Potent Anticancer Agents. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5585-5594.	1.2	31
20	A one-pot multicomponent strategy for stereospecific construction of tricyclic pyrrolo[1,2- <i>a</i>]quinolines. <i>Chemical Communications</i> , 2012, 48, 11966.	2.2	20
21	A Van Leusen deprotection-cyclization strategy as a fast entry into two imidazoquinoxaline families. <i>Tetrahedron Letters</i> , 2012, 53, 5787-5790.	0.7	24
22	BOROX Catalysis: Self-assembled amino-BOROX and imino-BOROX Chiral Brønsted Acids in a Five Component Catalyst Assembly/Catalytic Asymmetric Aziridination. <i>Journal of Organic Chemistry</i> , 2012, 77, 7932-7944.	1.7	39

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23	Three-Component Domino Reactions for Selective Formation of Indeno[1,2- <i>b</i>]indole Derivatives. <i>Organic Letters</i> , 2012, 14, 5210-5213.	2.4	74
25	Access to Indole- And Pyrrole-Fused Diketopiperazines via Tandem Ugi-4CR/Intramolecular Cyclization and Its Regioselective Ring-Opening by Intermolecular Transamidation. <i>Journal of Organic Chemistry</i> , 2012, 77, 10211-10227.	1.7	25
26	One-Pot Five-Component Synthesis of Spirocyclopenta[<i>b</i>]chromene Derivatives and Their Acid-Catalyzed Rearrangement. <i>Journal of Organic Chemistry</i> , 2012, 77, 9018-9028.	1.7	35
27	Efficient Multicomponent Strategy to Pentacyclic Pyrazole-Fused Naphtho[1,8- <i>fg</i>]isoquinolines through Cleavage of Two Carbon-Carbon Bonds. <i>Organic Letters</i> , 2012, 14, 4894-4897.	2.4	34
28	A ligand-free copper(II)-catalyzed three-component reaction in poly(ethylene glycol) medium: a versatile protocol for the preparation of selected 3-indole derivatives. <i>Tetrahedron Letters</i> , 2012, 53, 6223-6225.	0.7	25
29	Multicomponent Synthesis of Diverse 1,4-Benzodiazepine Scaffolds. <i>Organic Letters</i> , 2012, 14, 5916-5919.	2.4	58
30	Four-component synthesis of 2H-indazolo[2,1- <i>b</i>]phthalazine-1,6,11(13H)-trione derivatives. <i>Comptes Rendus Chimie</i> , 2012, 15, 1060-1064.	0.2	13
31	Synthesis of 8-aryl substituted benzo[<i>a</i>]phenanthridine derivatives by consecutive three component tandem reaction and 6-endo carbocyclization. <i>Tetrahedron</i> , 2012, 68, 8207-8215.	1.0	31
32	A concise route to indoloazocines via a sequential Ugi-gold-catalyzed intramolecular hydroarylation. <i>Chemical Communications</i> , 2012, 48, 6550.	2.2	86
33	Organocatalytic asymmetric epoxidation and tandem epoxidation/Passerini reaction under eco-friendly reaction conditions. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7681.	1.5	44
34	A focused sulfated glycoconjugate Ugi library for probing heparan sulfate-binding angiogenic growth factors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6190-6194.	1.0	14
35	Synthesis of Isoquinolines and Heterocycle-Fused Pyridines via Three-Component Cascade Reaction of Aryl Ketones, Hydroxylamine, and Alkynes. <i>Journal of Organic Chemistry</i> , 2012, 77, 5794-5800.	1.7	158
36	Heterogenized tungsten complex: an efficient and high yielding catalyst for the synthesis of structurally diverse tetra substituted pyrrole derivatives via four-component assembly. <i>Tetrahedron Letters</i> , 2013, 54, 5624-5628.	0.7	44
37	Application of citric acid as highly efficient and green organocatalyst for multi-component synthesis of indazolo[2,1- <i>b</i>]phthalazine-triones. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 577-581.	1.2	16
38	Tunable Polymers Obtained from Passerini Multicomponent Reaction Derived Acrylate Monomers. <i>Macromolecules</i> , 2013, 46, 6031-6037.	2.2	85
39	A Facile Synthesis of Functionalized Dispirooxindole Derivatives via a Three-Component 1,3-Dipolar Cycloaddition Reaction. <i>Molecules</i> , 2013, 18, 5142-5154.	1.7	23
40	Novel Copper-Catalyzed Multicomponent Cascade Synthesis of Iminocoumarin Aryl Methyl Ethers. <i>Organic Letters</i> , 2013, 15, 3828-3831.	2.4	37
41	A novel multicomponent microwave-assisted synthesis of 5-aza-adenines. <i>RSC Advances</i> , 2013, 3, 15850.	1.7	31

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42	Catalytic Asymmetric Three-Component 1,3-Dipolar Cycloaddition of Aldehydes, Hydrazides, and Alkynes. <i>Journal of the American Chemical Society</i> , 2013, 135, 11473-11476.	6.6	66
43	Facile synthesis of multi-block copolymers containing poly(esteramide) segments with an ordered side group sequence. <i>Polymer Chemistry</i> , 2013, 4, 3659.	1.9	60
44	Switching the regioselectivity via indium(iii) and gold(i) catalysis: a post-Ugi intramolecular hydroarylation to azepino- and azocino-[c,d]indolones. <i>Chemical Communications</i> , 2013, 49, 6803.	2.2	84
45	Construction of functionalized tricyclic dihydropyrazino-quinazolinedione chemotypes via an Ugi/N-acyliminium ion cyclization cascade. <i>Tetrahedron Letters</i> , 2013, 54, 4467-4470.	0.7	13
46	Synthesis of Highly Substituted 4-H-Pyrido[1,2-a]pyrimidines via a One-Pot Three-Component Condensation Reaction. <i>ACS Combinatorial Science</i> , 2013, 15, 519-524.	3.8	23
47	A one-pot, three-component, microwave-promoted synthesis of 2-amino-substituted 7-amino-1,2,4-triazolo[1,5-a][1,3,5]triazines. <i>Tetrahedron Letters</i> , 2013, 54, 5537-5540.	0.7	25
48	Multicomponent formation of fused pyrroles through p-TsOH promoted N-arylation. <i>Tetrahedron</i> , 2013, 69, 2941-2946.	1.0	27
49	Synthesis of novel peptides through Ugi-ligation and their anti-cancer activities. <i>Amino Acids</i> , 2013, 45, 975-981.	1.2	5
51	A mild entry to isoindolinones from furfural as renewable resource. <i>New Journal of Chemistry</i> , 2013, 37, 1195.	1.4	11
52	Ugi Multicomponent Reaction Product: The Inhibitive Effect on DNA Oxidation Depends upon the Isocyanide Moiety. <i>Journal of Organic Chemistry</i> , 2013, 78, 8696-8704.	1.7	22
53	Sulfonic acid-functionalized polypropylene fiber: highly efficient and recyclable heterogeneous Brønsted acid catalyst. <i>RSC Advances</i> , 2013, 3, 3939.	1.7	53
54	Iodine-catalyzed three component reaction: a novel synthesis of 2-aryl-imidazo[1,2-a]pyridine scaffolds. <i>RSC Advances</i> , 2013, 3, 20883.	1.7	29
55	Efficient Metal-Free Synthesis of Various Pyrido[2,1-b]imidazo[4,5-b]quinolines. <i>Chemistry - A European Journal</i> , 2013, 19, 12249-12253.	1.7	30
56	A Highly Diastereoselective Three-component Domino Reaction in Water Yielding Poly-substituted 4,5-Dihydropyrroles. <i>Chinese Journal of Chemistry</i> , 2013, 31, 1039-1044.	2.6	9
57	Synthesis of quaternary β -amino acid-based arginase inhibitors via the Ugi reaction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4837-4841.	1.0	31
58	A β -Enaminone-Initiated Multicomponent Domino Reaction for the Synthesis of Indoloquinolizines and Benzoquinolizines from Acyclic Precursors. <i>Chemistry - A European Journal</i> , 2013, 19, 13207-13215.	1.7	34
59	Multicomponent domino reactions: borax catalyzed synthesis of highly functionalised pyran-annulated heterocycles. <i>RSC Advances</i> , 2013, 3, 21517.	1.7	34
60	Facile synthesis of photo-cleavable polymers via Passerini reaction. <i>Chemical Communications</i> , 2013, 49, 8549.	2.2	77

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61	Application of Functionalized <i>N,S</i> -Ketene Acetals as Microwave-Assisted Three-Component Domino Reaction for Rapid Direct Access to Imidazo[1,2- <i>a</i>]pyridines. Chinese Journal of Chemistry, 2013, 31, 1033-1038.	2.6	13
62	Multicomponent Reactions Involving Arynes, Quinolines, and Aldehydes. Organic Letters, 2013, 15, 4620-4623.	2.4	85
63	Diversity-Oriented Synthesis of Enantiopure Furofurans from Carbohydrates: An Expedient Approach with Built-in Michael Acceptor, Masked Aldehyde and Leaving Group in a Single Sugar Derivative. European Journal of Organic Chemistry, 2013, 2013, 6084-6097.	1.2	13
64	Metal-Free [3 + 2 + 1]/[2 + 2 + 1] Biscyclization: Stereospecific Construction with Concomitant Functionalization of Indolizin-5(1H)-one. Journal of Organic Chemistry, 2013, 78, 11414-11420.	1.7	7
65	Innovative macromolecular syntheses via isocyanide multicomponent reactions. Journal of Polymer Science Part A, 2013, 51, 3985-3991.	2.5	84
66	One-pot synthesis of highly substituted pyrroles using nano copper oxide as an effective heterogeneous nanocatalyst. Comptes Rendus Chimie, 2013, 16, 1063-1070.	0.2	34
67	A one-pot two-step microwave-assisted synthesis of N1-substituted 5,6-ring-fused 2-pyridones. Tetrahedron Letters, 2013, 54, 6905-6908.	0.7	10
68	Transient Protein States in Designing Inhibitors of the MDM2-p53 Interaction. Structure, 2013, 21, 2143-2151.	1.6	57
69	A simple, efficient, regioselective and one-pot preparation of N-hydroxy- and N-O-protected hydroxyindoles via cycloaddition of nitrosoarenes with alkynes. Synthetic scope, applications and novel by-products. Tetrahedron, 2013, 69, 10906-10920.	1.0	29
70	An InBr ₃ catalyzed one-pot three-component synthesis of functionalized spirodihydrofuran oxindoles via intramolecular alkyne carbonyl metathesis. Tetrahedron Letters, 2013, 54, 6991-6994.	0.7	19
71	A Copper-Catalyzed Multicomponent Reaction and Click Strategy™ for the Stereoselective Synthesis of a New Series of Oxazolone Peptidomimetics with <i>N</i> -Acylamino Amide and <i>N</i> -Amido Ketone Structures. Helvetica Chimica Acta, 2013, 96, 2251-2266.	1.0	5
72	Isocyanide-Mediated Multicomponent Synthesis of <i>C</i> -Oximinoamidines. Organic Letters, 2013, 15, 5902-5905.	2.4	15
73	Enantioselective Organocatalytic Multicomponent Synthesis of 2,6-Diazabicyclo[2.2.2]octanones. Angewandte Chemie - International Edition, 2013, 52, 14143-14146.	7.2	32
74	Organocatalyzed Three-Component Ugi and Passerini Reactions of 4-Oxoazetidine-2-carbaldehydes and Azetidine-2,3-diones. Application to the Synthesis of β -Lactams and β -Lactones. Journal of Organic Chemistry, 2013, 78, 10154-10165.	1.7	32
75	Regioselective Synthesis of 1,2-Dihydroquinolines by a Solvent-Free MgBr ₂ -Catalyzed Multicomponent Reaction. Journal of Organic Chemistry, 2013, 78, 9614-9626.	1.7	31
76	A novel and easy route to 1,3,4-thiadiazine derivatives via the three-component reaction of phenylhydrazine, α -bromo aryl ketones and aryl isothiocyanates. Tetrahedron Letters, 2013, 54, 6215-6217.	0.7	10
77	One-Pot, Two-Step Synthesis of Imidazo[1,2- <i>a</i>]benzimidazoles via A Multicomponent [4 + 1] Cycloaddition Reaction. ACS Combinatorial Science, 2013, 15, 551-555.	3.8	20
78	Efficient [4+1]/[3+2+1] bis-cyclizations stereoselectively yielding unprecedented polyacyclic indeno-fused xanthenes. Tetrahedron Letters, 2013, 54, 6341-6344.	0.7	4

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79	Domino [3+2+1] heterocyclization of isothiocyanates with aryl amidines leading to polysubstituted 1,3,5-triazine derivatives. <i>Tetrahedron Letters</i> , 2013, 54, 1743-1746.	0.7	11
80	Multicomponent Combinatorial Development and Conformational Analysis of Prolyl Peptideâ€“Peptoid Hybrid Catalysts: Application in the Direct Asymmetric Michael Addition. <i>Journal of Organic Chemistry</i> , 2013, 78, 10221-10232.	1.7	40
81	A sustainable approach to the Ugi reaction in deep eutectic solvent. <i>Comptes Rendus Chimie</i> , 2013, 16, 1098-1102.	0.2	31
82	Micelle promoted multicomponent synthesis of 3-amino alkylated indoles via a Mannich-type reaction in water. <i>RSC Advances</i> , 2013, 3, 1673-1678.	1.7	44
83	A new rapid multicomponent domino heteroannulation of heterocyclic keteneaminals: solvent-free regioselective synthesis of functionalized benzo[g]imidazo[1,2-a]quinolinediones. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 781-786.	1.5	52
84	Nucleosides as reagents in multicomponent reactions: one-pot synthesis of heterocyclic nucleoside analogues incorporating pyrimidine-fused rings. <i>Tetrahedron Letters</i> , 2013, 54, 220-222.	0.7	22
85	Multicomponent reactions â€“ opportunities for the pharmaceutical industry. <i>Drug Discovery Today: Technologies</i> , 2013, 10, e15-e20.	4.0	149
86	Microwave-assisted, sequential four-component synthesis of polysubstituted 5,6-dihydroquinazolinones from acyclic precursors and a mild, halogenation-initiated method for their aromatization under focused microwave irradiation. <i>Green Chemistry</i> , 2013, 15, 511.	4.6	32
87	Stereoselective synthesis of N-heterocycles through amine addition to nitroalkenes. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1917.	1.5	14
88	Pyridine Group Assisted Addition of Diazo-Compounds to Imines in the 3-CC Reaction of 2-Aminopyridines, Aldehydes, and Diazo-Compounds. <i>Organic Letters</i> , 2013, 15, 956-959.	2.4	35
89	Simultaneous dual endâ€“functionalization of peg via the passerini threeâ€“component reaction for the synthesis of ABC miktoarm terpolymers. <i>Journal of Polymer Science Part A</i> , 2013, 51, 865-873.	2.5	53
90	Three-Component Domino Reactions for Regioselective Formation of Bis-indole Derivatives. <i>ACS Combinatorial Science</i> , 2013, 15, 135-140.	3.8	58
91	Development of Four-Component Synthesis of Tetra- and Pentasubstituted Polyfunctional Dihydropyrroles: Free Permutation and Combination of Aromatic and Aliphatic Amines. <i>ACS Combinatorial Science</i> , 2013, 15, 183-192.	3.8	53
92	An efficient and diastereoselective synthesis of hydrazino amides via a novel one-pot three-component reaction. <i>Tetrahedron</i> , 2013, 69, 3480-3485.	1.0	15
93	A novel three-component [5 + 1] heterocyclization leading to 2-azafluorenone synthesis and its polyfunctionalizations. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2417.	1.5	18
94	Stereoselective Multiple Bondâ€“Forming Transformations (MBFTs): The Power of 1,2- and 1,3-â€“Dicarbonyl Compounds. <i>Chemistry - A European Journal</i> , 2013, 19, 2218-2231.	1.7	99
95	Catalytic Ugi-Type Condensation of β -Isocyanoacetamide and Chiral Cyclic Imine: Access to Asymmetric Construction of Several Heterocycles. <i>Journal of Organic Chemistry</i> , 2013, 78, 3120-3131.	1.7	37
96	Direct Solvent-Free Regioselective Construction of Pyrrolo[1,2- <i>a</i>][1,10]phenanthrolines Based on Isocyanide-Based Multicomponent Reactions. <i>Organic Letters</i> , 2013, 15, 1262-1265.	2.4	55

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97	Efficient Catalyst-Free Four-Component Synthesis of Novel β^3 -Aminoethers Mediated by a Mannich Type Reaction. <i>ACS Combinatorial Science</i> , 2013, 15, 2-9.	3.8	28
98	CuFe ₂ O ₄ nanoparticles as a highly efficient and magnetically recoverable catalyst for the synthesis of medicinally privileged spiroprimidine scaffolds. <i>RSC Advances</i> , 2013, 3, 2924.	1.7	70
99	Recent developments of ketene dithioacetal chemistry. <i>Chemical Society Reviews</i> , 2013, 42, 1251-1286.	18.7	217
100	Recent Advances in Diversity Oriented Synthesis through Isatin-Based Multicomponent Reactions. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 374-386.	1.3	196
101	One-pot synthesis of polyamides with various functional side groups via Passerini reaction. <i>Polymer Chemistry</i> , 2013, 4, 444-448.	1.9	117
102	Boric acid catalyzed Ugi three-component reaction in aqueous media. <i>RSC Advances</i> , 2013, 3, 4610.	1.7	27
103	An Expedient Route to Imidazo[1,4]diazepin-7-ones via A Post-Ugi Gold-Catalyzed Heteroannulation. <i>Organic Letters</i> , 2013, 15, 1874-1877.	2.4	61
104	Polyethylene glycol (PEG-200)-promoted sustainable one-pot three-component synthesis of 3-indole derivatives in water. <i>Applied Catalysis A: General</i> , 2013, 454, 160-163.	2.2	33
105	Silica supported tungstic acid (STA): an efficient catalyst for the synthesis of bis-spiro piperidine derivatives under milder condition. <i>Tetrahedron Letters</i> , 2013, 54, 1302-1306.	0.7	37
106	A general synthesis of tetrahydropyrazolo[3,4-d]thiazoles. <i>Tetrahedron</i> , 2013, 69, 4641-4651.	1.0	6
107	Dual Behavior of Isatin-Based Cyclic Ketimines with Dicarbomethoxy Carbene: Expedient Synthesis of Highly Functionalized Spirooxindolyl Oxazolidines and Pyrrolines. <i>Organic Letters</i> , 2013, 15, 1512-1515.	2.4	54
108	One-pot preparation of isocyanides from amines and their multicomponent reactions: crucial role of dehydrating agent and base. <i>RSC Advances</i> , 2013, 3, 10867.	1.7	28
109	Gold(I)-Catalyzed Post-Ugi Hydroarylation: An Approach to Pyrrolopyridines and Azepinoindoles. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2288-2292.	1.2	37
110	Convenient synthesis of perfluoroalkyl substituted 2-oxopyridine-fused 1,3-diazaheterocycles via a one-pot three-component reaction. <i>Tetrahedron</i> , 2013, 69, 4270-4275.	1.0	15
111	The development of a one pot, regiocontrolled, three-component reaction for the synthesis of thieno[2,3-c]pyrroles. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2932.	1.5	6
112	Novel Double [3 + 2 + 1] Heteroannulation for Forming Unprecedented Dipyrazolo-Fused 2,6-Naphthyridines. <i>Organic Letters</i> , 2013, 15, 2258-2261.	2.4	60
113	Multicomponent Ligation of Steroids: Creating Diversity at the Linkage Moiety of Bis-spirosteranic Conjugates by Ugi Reactions. <i>ACS Combinatorial Science</i> , 2013, 15, 320-330.	3.8	10
114	Discovery of a New Class of Natural Product-Inspired Quinazolinone Hybrid as Potent Antileishmanial agents. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 4374-4392.	2.9	120

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115	A highly efficient protocol for the regio- and stereo-selective synthesis of spiro pyrrolidine and pyrrolizidine derivatives by multicomponent reaction. <i>Tetrahedron Letters</i> , 2013, 54, 3180-3184.	0.7	27
116	A novel route to synthesize lavendamycin analogues through an A3 coupling reaction. <i>Tetrahedron</i> , 2013, 69, 4890-4898.	1.0	26
117	Model Studies on the First Enzyme-Catalyzed Ugi Reaction. <i>Organic Letters</i> , 2013, 15, 566-569.	2.4	64
118	Copper(ii) ionic liquid catalyzed cyclization/“aromatization of hydrazones with dimethyl acetylenedicarboxylate: a green synthesis of fully substituted pyrazoles. <i>New Journal of Chemistry</i> , 2013, 37, 2037.	1.4	29
119	Toward the ideal synthesis and transformative therapies: the roles of “step economy and function oriented synthesis. <i>Tetrahedron</i> , 2013, 69, 7529-7550.	1.0	101
120	Various cyclization scaffolds by a truly Ugi 4-CR. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4792.	1.5	38
121	FeCl ₃ catalysed multicomponent divergent synthesis of a library of indeno-fused heterocycles. <i>RSC Advances</i> , 2013, 3, 3291.	1.7	14
122	Multicomponent Domino [4+1+1] Carbocyclization Providing an Efficient and Regioselective Strategy to Fluorene-ones. <i>Chinese Journal of Chemistry</i> , 2013, 31, 737-744.	2.6	5
123	Chemodivergent, multicomponent domino reactions in aqueous media: l-proline-catalyzed assembly of densely functionalized 4H-pyrano[2,3-c]pyrazoles and bispyrazolyl propanoates from simple, acyclic starting materials. <i>Green Chemistry</i> , 2013, 15, 1292.	4.6	71
124	Metal-Free Michael-Addition-Initiated Three-Component Reaction for the Regioselective Synthesis of Highly Functionalized Pyridines: Scope, Mechanistic Investigations and Applications. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4131-4145.	1.2	53
125	Novel and efficient synthesis of 4,7-dihydro-1H-pyrrolo[2,3-b]pyridine derivatives via one-pot, three-component approach from N-substituted 5-amino-3-cyanopyrroles, various carbonyl and active methylene compounds. <i>Tetrahedron</i> , 2013, 69, 5955-5967.	1.0	18
126	Aldol Reactions in Multicomponent Reaction Based Domino Pathways: A Multipurpose Enabling Tool in Heterocyclic Chemistry. <i>Organic Letters</i> , 2013, 15, 2738-2741.	2.4	67
127	Ionic Liquid Effect over the Biginelli Reaction under Homogeneous and Heterogeneous Catalysis. <i>ACS Catalysis</i> , 2013, 3, 1420-1430.	5.5	81
128	Three-component domino reactions providing rapid and efficient routes to fully substituted pyrroles. <i>RSC Advances</i> , 2013, 3, 5056.	1.7	16
129	Synthesis of Functionalized Pseudopeptides through Five-Component Sequential Ugi/Nucleophilic Reaction of N-Substituted 2-Alkynamides with Hydrazides. <i>Journal of Organic Chemistry</i> , 2013, 78, 6450-6456.	1.7	29
130	Multicomponent Synthesis of 4-Aminophthalazin-1(2 <i>H</i>)-ones by Palladium-Catalyzed Isocyanide Insertion. <i>Journal of Organic Chemistry</i> , 2013, 78, 6735-6745.	1.7	47
131	Diversity-Oriented Three-Component Reactions of Diazo Compounds with Anilines and α -Oxoenoates. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9289-9292.	7.2	71
132	Three-component synthesis of poly-substituted tetrahydroindoles through p-TsOH promoted alkoxylation. <i>Tetrahedron Letters</i> , 2013, 54, 3176-3179.	0.7	10

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133	Engaging isatins in solvent-free, sterically congested Passerini reaction. <i>Green Chemistry</i> , 2013, 15, 1608.	4.6	24
134	A new insight into the Biginelli reaction: the dawn of multicomponent click chemistry?. <i>Polymer Chemistry</i> , 2013, 4, 5395.	1.9	119
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1344	One Reacts as Two: Applications of <i>N</i> -Isocyaniminotriphenylphosphorane in Diversity-Oriented Synthesis. <i>ACS Combinatorial Science</i> , 2020, 22, 475-494.	3.8	15
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1507	Ethylene Glycol: Urea: NH ₄ Cl Low Melting Mixture-Assisted Reactions between Aromatic Aldehydes and Active Methylene Compounds. <i>ChemistrySelect</i> , 2021, 6, 7150-7157.	0.7	0
1508	An Efficient and Rapid Synthesis of 1,4-Dihydropyrano[2,3-c]Pyran and 1,4-Dihydropyrano[2,3-c]Quinoline Derivatives Using Copper Nanoparticles Grafted on Carbon Microspheres. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 4635-4643.	1.4	5

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1510	Multifunctional Polymer-Protein Conjugates Generated by Multicomponent Reactions. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2287-2295.	2.6	4
1511	Magnetized melamine-modified polyacrylonitrile (PAN@melamine/Fe ₃ O ₄) organometallic nanomaterial: Preparation, characterization, and application as a multifunctional catalyst in the synthesis of bioactive dihydropyrano [2,3- <i>b</i>]pyrazole and 2-amino-3-cyano-4H-pyran derivatives. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6363.	1.7	35
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1514	A photosensitized metal free approach to α -ketoamides: sequential oxidative amidation/diketone of terminal alkynes. <i>ChemistrySelect</i> , 2021, 6, 7499-7504.	0.7	0
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1518	Synthesis of new Hantzsch adducts showing Ca ²⁺ channel blockade capacity, cholinesterase inhibition and antioxidant power. <i>Future Medicinal Chemistry</i> , 2021, 13, 1717-1729.	1.1	3
1519	Aminoesterenamide Achieved by Three-Component Reaction Heading toward Tailoring Covalent Adaptable Network with Great Freedom. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100394.	2.0	3
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1522	Alkylation of in situ generated imines via photoactivation of strong aliphatic C-H bonds. <i>Molecular Catalysis</i> , 2021, 514, 111841.	1.0	7
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1526	Simple Synthesis of 2-Amino-N'-(9H-Fluoren-9-ylidene)-Hexahydroquinoline-3-Carbohydrazide Derivatives. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-11.	1.4	0

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1543	Visible-light-mediated multicomponent reaction for secondary amine synthesis. <i>Chemical Communications</i> , 2021, 57, 5028-5031.	2.2	31
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