

Indolizidine and quinolizidine alkaloids

Natural Product Reports

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Synthesis of the Benzo-fused Indolizidine Alkaloid Mimics. <i>Beilstein Journal of Organic Chemistry</i> , 2007, 3, 42.	1.3	13
2	Flexible synthetic routes to poison-frog alkaloids of the 5,8-disubstituted indolizidine-class I: synthesis of common lactam chiral building blocks and application to the synthesis of (-)-203A, (-)-205A, and (-)-219F. <i>Beilstein Journal of Organic Chemistry</i> , 2007, 3, 29.	1.3	20
3	Synthesis of densely functionalized enantiopure indolizidines by ring-closing metathesis (RCM) of hydroxylamines from carbohydrate-derived nitrones. <i>Beilstein Journal of Organic Chemistry</i> , 2007, 3, 44.	1.3	11
4	Desymmetrization of 7-azabicycloalkenes by tandem olefin metathesis for the preparation of natural product scaffolds. <i>Beilstein Journal of Organic Chemistry</i> , 2007, 3, 48.	1.3	9
5	A chemoenzymatic-RCM strategy for the enantioselective synthesis of new dihydroxylated 5-hydroxymethyl-indolizidines and 6-hydroxymethyl-quinolizidines. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1948-1954.	1.8	23
6	New alkaloid-like heterocycles via formal aza-[3+2] cycloaddition reaction of cyclic enamines with cyclopropanones. <i>Tetrahedron Letters</i> , 2007, 48, 5795-5798.	0.7	28
7	Synthesis of poison-frog alkaloids 233A, 235U, and 251AA and their inhibitory effects on neuronal nicotinic acetylcholine receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 5872-5875.	1.0	30
8	Synthesis of pyrrolizidine alkaloids via 1,3-dipolar cycloaddition involving cyclic nitrones and unsaturated lactones. <i>Carbohydrate Research</i> , 2008, 343, 2215-2220.	1.1	29
10	Synthesis and evaluation of sulfamide-type indolizidines as glycosidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 2805-2808.	1.0	39
11	Synthesis of alkylated indolizidine alkaloids via Pummerer mediated cyclization: synthesis of (±)-indolizidine 167B, (±)-5-butylindolizidine and (±)-monomorine I. <i>Tetrahedron</i> , 2008, 64, 1663-1670.	1.0	27
12	Rhodium-catalyzed intramolecular conjugate addition of vinylstannanes to dihydro-4-pyridones: a simple method for stereoselective construction of 1-azabicyclic alkaloids. <i>Tetrahedron</i> , 2008, 64, 3464-3470.	1.0	19
13	A new and simple method for the synthesis of highly functionalised pyrrolizidines, indolizidines and pyrroloazepines. <i>Tetrahedron Letters</i> , 2008, 49, 6316-6319.	0.7	22
14	Total Synthesis of (±)-Isosparteine, (±)- ¹ -Isosparteine, and (±)-Sparteine from a Common Tetraoxobispidine Intermediate. <i>Journal of Organic Chemistry</i> , 2008, 73, 7939-7951.	1.7	43
15	Probing the Substrate Specificity of Golgi ¹ -Mannosidase II by Use of Synthetic Oligosaccharides and a Catalytic Nucleophile Mutant. <i>Journal of the American Chemical Society</i> , 2008, 130, 8975-8983.	6.6	50
16	A Ruthenium-Catalyzed, Atom-Economical Synthesis of Nitrogen Heterocycles. <i>Journal of the American Chemical Society</i> , 2008, 130, 16502-16503.	6.6	71
17	Highly Regioselective Intermolecular Arylation of 1,2,3,4-Tetrahydropyridines. <i>Organic Letters</i> , 2008, 10, 4791-4794.	2.4	8
18	Bicyclic 6-6 Systems with One Bridgehead (Ring Junction) Nitrogen Atom: No Extra Heteroatom. , 2008, , 1-75.		4
19	Synthesis of (±)-Indolizidine 167B based on domino hydroformylation/cyclization reactions. <i>Beilstein Journal of Organic Chemistry</i> , 2008, 4, 2.	1.3	8

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20	Analogues of amphibian alkaloids: total synthesis of (5 <i>R</i> ,8 <i>S</i> ,8 <i>S</i>)-8-methyl-5-pentyl-8-oxo-8-azabicyclo[3.2.1]octane-2-carboxamide (8-epi-indolizidine) Tj ETQq0 0 0,rgBT /Overlock 10 T	1.3	10
	Beilstein Journal of Organic Chemistry, 2008, 4, 5.		
21	Total synthesis of the indolizidine alkaloid tashiromine. Beilstein Journal of Organic Chemistry, 2008, 4, 8.	1.3	20
22	Facile synthesis of two diastereomeric indolizidines corresponding to the postulated structure of alkaloid 5,9E-259B from a Bufonid toad (<i>Melanophryniscus</i>). Beilstein Journal of Organic Chemistry, 2008, 4, 6.	1.3	2
23	<i>Nuphar lutea</i> thioalkaloids inhibit the nuclear factor κ B pathway, potentiate apoptosis and are synergistic with cisplatin and etoposide. <i>Cancer Biology and Therapy</i> , 2009, 8, 1860-1868.	1.5	45
24	A General Approach to the Quinolizidine Alkaloids via an Intramolecular Aza-[3+3] Annulation: Synthesis of (±)-2-Deoxylasubine II. <i>Synlett</i> , 2009, 2009, 237-240.	1.0	7
25	Synthesis, Determination of the Absolute Stereochemistry, and Evaluations at the Nicotinic Acetylcholine Receptors of a Hydroxyindolizidine Alkaloid from the Ant <i>Myrmecaria melanogaster</i> . <i>Heterocycles</i> , 2009, 79, 565.	0.4	6
26	Synthesis of the New 7 <i>S</i> -Aminolentiginosine and Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1155-1161.	2.1	14
29	A Very Efficient Cerium(IV) Ammonium Nitrate Catalyzed, Four-Component Synthesis of Tetrahydropyridines and Its Application in the Concise Generation of Functionalized Homoquinolizine Frameworks. <i>Chemistry - A European Journal</i> , 2009, 15, 4565-4572.	1.7	59
30	The Phenylsulfonyl Group as a Temporal Regiochemical Controller in the Catalytic Asymmetric 1,3-Dipolar Cycloaddition of Azomethine Ylides. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 340-343.	7.2	108
31	Total Synthesis of Indolizidine Alkaloid (±)-209D: Overriding Substrate Bias in the Asymmetric Rhodium-Catalyzed [2+2+2] Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2379-2382.	7.2	91
32	An enantioselective synthesis of (+)-azimic acid. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1181-1184.	1.8	8
33	Iminium ion cascade reactions: stereoselective synthesis of quinolizidines and indolizidines. <i>Tetrahedron</i> , 2009, 65, 3222-3231.	1.0	53
34	Efficient and structurally controlled synthesis of novel polyhydroxylated indolizidine derivatives with an amino group. <i>Tetrahedron</i> , 2009, 65, 2322-2328.	1.0	15
35	An approach towards the total synthesis of (+)-epiquinamide and (+)- β -conhydrine from Garner aldehyde. <i>Tetrahedron</i> , 2009, 65, 5322-5327.	1.0	44
36	Reductive cross-coupling reactions (RCCR) between C N and C O for β -amino alcohol synthesis. <i>Tetrahedron</i> , 2009, 65, 7333-7356.	1.0	78
37	Preparation of some angularly substituted and highly functionalized quinolizidines as building blocks for the synthesis of various alkaloids and related scaffolds of medicinal interest. <i>Tetrahedron</i> , 2009, 65, 8222-8230.	1.0	9
38	Polyhydroxylated indolizidine alkaloids synthesis of dideoxycastanospermine. <i>Tetrahedron</i> , 2009, 65, 9285-9290.	1.0	6
39	Highly diastereoselective approach to novel phenylindolizidinols via benzothieno analogues of tylophorine based on reductive desulfurization of benzo[b]thiophene. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 626-634.	1.8	22

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40	Ti(III)-mediated radical cyclization of $\hat{\text{I}}^2$ -aminoacrylate containing epoxy alcohol moieties: synthesis of highly substituted azacycles. <i>Tetrahedron Letters</i> , 2009, 50, 3306-3310.	0.7	17
41	Asymmetric, catalytic, vinylogous aldol reactions using pyrrole-based dienoxysilanes. Enantioselective synthesis of $\hat{\text{I}}^{\pm}$, $\hat{\text{I}}^2$ -unsaturated $\hat{\text{I}}^3$ -butyrolactam synthons. <i>Tetrahedron Letters</i> , 2009, 50, 3428-3431.	0.7	43
42	Enantiopure alkaloid analogues and iminosugars from proline derivatives: stereocontrol in sequential processes. <i>Tetrahedron Letters</i> , 2009, 50, 3974-3977.	0.7	17
43	Enantioselective synthesis of ($\hat{\text{A}}^{\text{''}}$)-lasubine II. <i>Tetrahedron Letters</i> , 2009, 50, 5686-5688.	0.7	22
44	Synthesis of 3-Aryl-8-oxo-5,6,7,8-tetrahydroindolizines via a Palladium-Catalyzed Arylation and Heteroarylation. <i>Journal of Organic Chemistry</i> , 2009, 74, 3160-3163.	1.7	25
45	Stereo- and Enantioselective Synthesis of Acetylenic 2-Amino-1,3-diol Stereotriads. <i>Organic Letters</i> , 2009, 11, 931-934.	2.4	27
46	Asymmetric Total Synthesis of Alkaloids 223A and 6- <i>epi</i> -223A. <i>Organic Letters</i> , 2009, 11, 4140-4142.	2.4	29
47	Formal Alkyne Aza-Prins Cyclization: Gold(I)-Catalyzed Cycloisomerization of Mixed N,O-Acetals Generated from Homopropargylic Amines to Highly Substituted Piperidines. <i>Journal of the American Chemical Society</i> , 2009, 131, 14660-14661.	6.6	85
48	Synthesis of 3-Haloindolizines by Copper(II) Halide Mediated Direct Functionalization of Indolizines. <i>Organic Letters</i> , 2009, 11, 1187-1190.	2.4	52
49	Multi-component cycloaddition approaches in the catalytic asymmetric synthesis of alkaloid targets. <i>Chemical Society Reviews</i> , 2009, 38, 3149.	18.7	148
50	Intramolecular Pyridine Activation $\hat{\text{A}}^{\text{''}}$ Dearomatization Reaction: Highly Stereoselective Synthesis of Polysubstituted Indolizidines and Quinolizidines. <i>Organic Letters</i> , 2009, 11, 3398-3401.	2.4	54
51	An Enantioselective Organocatalytic Approach to Both Enantiomers of Lasubine II. <i>Journal of Organic Chemistry</i> , 2009, 74, 3207-3210.	1.7	32
52	One-Carbon Ring Expansion of Azetidines via Ammonium Ylide [1,2]-Shifts: A Simple Route to Substituted Pyrrolidines. <i>Journal of Organic Chemistry</i> , 2009, 74, 2832-2836.	1.7	62
53	Enantioselective Rhodium-Catalyzed [2 + 2 + 2] Cycloadditions of Terminal Alkynes and Alkenyl Isocyanates: Mechanistic Insights Lead to a Unified Model that Rationalizes Product Selectivity. <i>Journal of the American Chemical Society</i> , 2009, 131, 15717-15728.	6.6	73
54	GC-MS investigation and toxicological evaluation of alkaloids from <i>Leptadenia pyrotechnica</i> . <i>Pharmaceutical Biology</i> , 2009, 47, 994-1003.	1.3	13
55	Cascade condensation, cyclization, intermolecular dipolar cycloaddition by multi-component coupling and application to a synthesis of ($\hat{\text{A}}^{\pm}$)-crispine A. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1674.	1.5	54
56	Design and synthesis of some biologically interesting natural and unnatural products based on organosulfur and selenium chemistry. <i>Canadian Journal of Chemistry</i> , 2009, 87, 1657-1674.	0.6	41
57	Nonracemic Bicyclic Lactam Lactones via Regio- and cis-Diastereocontrolled $\hat{\text{C}}^{\text{H}}$ Insertion. Asymmetric Synthesis of (8S,8aS)-Octahydroindolizidin-8-ol and (1S,8aS)-Octahydroindolizidin-1-ol. <i>Journal of Organic Chemistry</i> , 2009, 74, 8261-8271.	1.7	32

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58	Synthesis and glycosidase-inhibitory activity of novel polyhydroxylated quinolizidines derived from d-glycals. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2104.	1.5	35
59	Olefin Metathesis Based Approach to Diversely Functionalized Pyrrolizidines and Indolizidines; Total Synthesis of (+)-Monomorine. <i>Journal of Organic Chemistry</i> , 2009, 74, 590-596.	1.7	44
60	Formal Synthesis of (5R,8R,8aS)-Indolizidine 209I via Enaminones Incorporating Weinreb Amides. <i>Heterocycles</i> , 2009, 79, 935.	0.4	20
61	The Isolated and Combined Effects of Folic Acid and Synthetic Bioactive Compounds against A β (25-35)-Induced Toxicity in Human Microglial Cells. <i>Molecules</i> , 2010, 15, 1632-1644.	1.7	8
62	Preparation of Enantiopure Substituted Piperidines Containing 2-Alkene or 2-Alkyne Chains: Application to Total Syntheses of Natural Quinolizidine-Alkaloids. <i>Journal of Organic Chemistry</i> , 2010, 75, 1911-1916.	1.7	72
63	An efficient approach to new dihydroxyquinolizidines. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2032-2036.	1.8	9
64	Organocatalytic asymmetric synthesis of (â ²)-Î ¹ -coniceine based on sequential proline-catalyzed asymmetric Î±-aminationâ€“HWE olefination. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2399-2401.	1.8	15
65	Total synthesis of 275A lehmizidine frog skin alkaloid (or of its enantiomer). <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2329-2333.	1.8	5
66	First Asymmetric Synthesis of Boehmeriasin A. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1943-1950.	1.2	16
67	Asymmetric Synthesis of (â€“)â€“Lentiginosine by Double Azaâ€“Michael Reaction. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4771-4773.	1.2	29
69	Catalytic Asymmetric 1,3â€“Dipolar Cycloaddition of Î±â€“Aminonitriles. <i>Chemistry - A European Journal</i> , 2010, 16, 5286-5291.	1.7	55
70	A Palladium/Copper Bimetallic Catalytic System: Dramatic Improvement for Suzukiâ€“Miyauraâ€“Type Direct C C Arylation of Azoles with Arylboronic Acids. <i>Chemistry - A European Journal</i> , 2010, 16, 11836-11839.	1.7	105
71	Câ€“2 Arylation of Piperidines through Directed Transitionâ€“Metalâ€“Catalyzed sp ³ C C Activation. <i>Chemistry - A European Journal</i> , 2010, 16, 13063-13067.	1.7	106
73	A Modular, Efficient, and Stereoselective Synthesis of Substituted Piperidinâ€“ols. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9178-9181.	7.2	55
74	Enantioselective synthesis of condensed and transannular ring skeletons containing pyrrolidine moiety. <i>Tetrahedron</i> , 2010, 66, 1274-1279.	1.0	20
75	Application of asymmetric phase-transfer catalysis in the enantioselective synthesis of cis-5-substituted proline esters. <i>Tetrahedron</i> , 2010, 66, 8832-8836.	1.0	24
76	Regioselective ring opening of the chiral non-racemic furoindolizidinols. New entry to alkylindolizidinediol derivatives. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 623-630.	1.8	12
77	The synthesis of (1S,8aS)-1-hydroxyindolizidine using a stereoselective Grignard addition to an N-benzyl-3-deoxy sugar imine derived from D-Glucose. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2314-2318.	1.8	11

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78	Diselenophosphinates of lupinine or anabasine via a new three-component reaction of secondary phosphines, elemental selenium, and amines. <i>Tetrahedron Letters</i> , 2010, 51, 1840-1843.	0.7	15
79	Straightforward synthesis of indolizidine alkaloid 167B. <i>Tetrahedron Letters</i> , 2010, 51, 6290-6293.	0.7	22
80	Synthesis of new derivatives of 11-thiolupinine. <i>Journal of Sulfur Chemistry</i> , 2010, 31, 493-498.	1.0	5
81	Aza-[3 + 3] Annulations: A New Unified Strategy in Alkaloid Synthesis. <i>Current Organic Synthesis</i> , 2010, 7, 363-401.	0.7	38
82	Synthesis of a Library of 5,6-Unsubstituted 1,4-Dihydropyridines Based on a One-Pot 4CR/Elimination Process and Their Application to the Generation of Structurally Diverse Fused Nitrogen Heterocycles. <i>ACS Combinatorial Science</i> , 2010, 12, 713-722.	3.3	38
84	Synthesis and biological activity of naturally occurring $\hat{\pm}$ -glucosidase inhibitors. <i>Natural Product Reports</i> , 2010, 27, 1431.	5.2	88
85	Quick Access to Druglike Heterocycles: Facile Silver-Catalyzed One-Pot Multicomponent Synthesis of Aminoindolizines. <i>ACS Combinatorial Science</i> , 2010, 12, 696-699.	3.3	67
86	Total Syntheses of Arylindolizidine Alkaloids (+)-lupinine and (+)-antofine. <i>Journal of Organic Chemistry</i> , 2010, 75, 6019-6022.	1.7	62
87	Synthesis of 6- and 7-Membered Cyclic Enaminones: Scope and Mechanism. <i>Journal of Organic Chemistry</i> , 2010, 75, 6793-6805.	1.7	60
88	Hydroformylation of Alkenylamines. Concise Approaches toward Piperidines, Quinolizidines, and Related Alkaloids. <i>Journal of Organic Chemistry</i> , 2010, 75, 8670-8673.	1.7	55
89	A Concise and Stereoselective Synthesis of Hydroxypyrrrolidines: Rapid Synthesis of (+)-Preussin. <i>Organic Letters</i> , 2010, 12, 4034-4037.	2.4	42
90	Synthesis of Amino Acid Derived Enaminones via Wolff Rearrangement Using Vinylogous Amides as Carbon Nucleophiles. <i>Journal of the American Chemical Society</i> , 2010, 132, 15512-15513.	6.6	72
91	Stereoselective Synthesis of 2,3,6-Trisubstituted Tetrahydropyridines via Tf ₂ O-Mediated Grob Fragmentation: Access to Indolizidines ($\hat{\alpha}$)-209I and ($\hat{\alpha}$)-223J. <i>Journal of Organic Chemistry</i> , 2010, 75, 7465-7467.	1.7	34
92	Cu-Catalyzed Asymmetric 1,3-Dipolar Cycloaddition of Azomethine Ylides with $\hat{1}$ -Phenylsulfonyl Enones. Ligand Controlled Diastereoselectivity Reversal. <i>Journal of Organic Chemistry</i> , 2010, 75, 233-236.	1.7	68
93	2,6-Disubstituted and 2,2,6-Trisubstituted Piperidines from Serine: Asymmetric Synthesis and Further Elaboration. <i>Journal of Organic Chemistry</i> , 2010, 75, 5223-5233.	1.7	19
94	Synthetic Approaches to Racemic Porantheridine and 8-Epihalosaline via a Nitroso Diels-Alder Cycloaddition/Ring-Rearrangement Metathesis Sequence. <i>Journal of Organic Chemistry</i> , 2010, 75, 4333-4336.	1.7	38
95	A new synthetic access to bicyclic polyhydroxylated alkaloid analogues from pyranosides. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2639.	1.5	30
96	Synthesis of new pentacyclic chromophores through a highly regio- and diastereoselective cascade process. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4815.	1.5	8

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97	Enantiopure 2,6-disubstituted piperidines bearing one alkene- or alkyne-containing substituent: preparation and application to total syntheses of indolizidine-alkaloids. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1899.	1.5	34
98	Short Access to (+)-Lupinine and (+)-Epiquinamide via Double Hydroformylation. <i>Organic Letters</i> , 2010, 12, 528-531.	2.4	58
99	Dihydroxylation of Vinyl Sulfones: Stereoselective Synthesis of (+)- and (âˆ’)-Febrifugine and Halofuginone. <i>Journal of Organic Chemistry</i> , 2010, 75, 518-521.	1.7	52
100	Photochemical Rearrangement of N-Chlorolactams: A Route to N-Heterocycles through Concerted Ring Contraction. <i>Journal of Organic Chemistry</i> , 2010, 75, 2610-2618.	1.7	40
101	Alkaloid Glycosidase Inhibitors. , 2010, , 225-260.		2
102	Asymmetric total synthesis of 1-deoxy-7,8-di-epi-castanospermine. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1725.	1.5	25
103	The organocatalytic [3+2] cycloaddition of azomethine ylides and $\hat{1}\pm, \hat{1}^2$ -unsaturated aldehydes as a convenient tool for the enantioselective synthesis of pyrrolizidines and indolizidines. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2238.	1.5	40
104	Moritaâ€™Baylisâ€™Hillman adducts as effective dipolarophiles in Copper(<sc>i</sc>-catalyzed 1,3-dipolar cycloaddition with azomethine ylides: asymmetric construction of pyrrolidine derivatives containing quaternary stereogenic center. <i>Chemical Communications</i> , 2011, 47, 5494-5496.	2.2	56
105	Synthesis of 1,2-Dihydroxyindolizidines from 1-(2-Pyridyl)-2-propen-1-ol. <i>Journal of Organic Chemistry</i> , 2011, 76, 9536-9541.	1.7	14
106	Asymmetric total synthesis of (+)-swainsonine. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 531-537.	1.5	28
107	Total Syntheses of (âˆ’) Epilupinine and (âˆ’)-Tashiromine Using Imino-Aldol Reactions. <i>Organic Letters</i> , 2011, 13, 3988-3991.	2.4	40
108	Total Synthesis of (+)-Epilupinine via An Intramolecular Nitrile Oxide-Alkene Cycloaddition. <i>Journal of Organic Chemistry</i> , 2011, 76, 188-194.	1.7	26
109	Intramolecular Hydride Addition to Pyridinium Salts: New Routes to Enantiopure Dihydropyridones. <i>Organic Letters</i> , 2011, 13, 2074-2077.	2.4	15
110	Enantiodivergent Synthetic Entry to the Quinolizidine Alkaloid Lasubine II. <i>Organic Letters</i> , 2011, 13, 5128-5131.	2.4	31
111	Organocatalytic Direct Asymmetric Vinylogous Michael Reaction of an $\hat{1}\pm, \hat{1}^2$ -Unsaturated $\hat{1}^3$ -Butyrolactam with Enones. <i>Journal of Organic Chemistry</i> , 2011, 76, 1472-1474.	1.7	84
112	Identification of a Naturally Occurring Quinazolin-4(3<i>H</i>)-one Firefly Luciferase Inhibitor. <i>Journal of Natural Products</i> , 2011, 74, 1500-1502.	1.5	22
113	Enantiospecific Synthesis of Pyridinones as Versatile Intermediates toward Asymmetric Piperidines. <i>Organic Letters</i> , 2011, 13, 4371-4373.	2.4	46
114	Asymmetric construction of 3-vinylidene-pyrrolidine derivatives containing allene moiety via Ag(i)/TF-Biphos-catalyzed 1,3-dipolar cycloaddition of azomethine ylides with diethyl 2-(3,3-diphenylpropa-1,2-dienylidene) malonate. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3622.	1.5	36

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115	Silver-Catalyzed 1,3-Dipolar Cycloaddition of Azomethine Ylides with $\hat{1}^2$ -Boryl Acrylates. <i>Journal of Organic Chemistry</i> , 2011, 76, 1945-1948.	1.7	29
116	Asymmetric <i>Aza</i> -[3 + 3] Annulation in the Synthesis of Indolizidines: An Unexpected Reversal of Regiochemistry. <i>Organic Letters</i> , 2011, 13, 4402-4405.	2.4	28
117	Gold-Catalyzed Carbon-Heteroatom Bond-Forming Reactions. <i>Chemical Reviews</i> , 2011, 111, 1657-1712.	23.0	1,222
118	Synthetic Applications of Sulfur-Substituted Indolizidines and Quinolizidines. <i>Journal of Organic Chemistry</i> , 2011, 76, 692-695.	1.7	43
119	Photochemical Rearrangement of <i>N</i> -Mesyloxylactams: Stereospecific Formation of <i>N</i> -Heterocycles. <i>Journal of Organic Chemistry</i> , 2011, 76, 164-169.	1.7	17
120	Highly efficient construction of spirocyclic chromanone-pyrrolidines via Cu(I)/TFPB-Biphosphine-catalyzed asymmetric 1,3-dipolar cycloaddition. <i>Chemical Communications</i> , 2011, 47, 9600.	2.2	75
121	An enantioselective route to pyrrolidines: removal of the chiral template from homochiral pyrroloimidazoles. <i>Tetrahedron</i> , 2011, 67, 8925-8936.	1.0	5
122	Organocatalytic enantioselective synthesis of quinolizidine alkaloids (+)-myrtine, ($\hat{1}$)-lupinine, and (+)-epiepipiquinamide. <i>Tetrahedron</i> , 2011, 67, 7412-7417.	1.0	34
123	Indolizidine ($\hat{1}$)-235 and related structural analogs: Discovery of nicotinic receptor antagonists that inhibit nicotine-evoked [3H]dopamine release. <i>European Journal of Pharmacology</i> , 2011, 658, 132-139.	1.7	15
124	Novel dipolarophiles and dipoles in the metal-catalyzed enantioselective 1,3-dipolar cycloaddition of azomethine ylides. <i>Chemical Communications</i> , 2011, 47, 6784.	2.2	385
126	Synthesis of Fused Bicyclic Systems with Nitrogen Atom at the Bridgehead, Including Indolizidines and Quinolizidines. <i>Journal of Organic Chemistry</i> , 2011, 76, 3527-3530.	1.7	24
127	Synthesis of iminosugars via 1,3-dipolar cycloaddition reactions of nitrones to $\hat{1},\hat{1}^2$ -unsaturated sugar aldonolactones. <i>Comptes Rendus Chimie</i> , 2011, 14, 102-125.	0.2	12
128	Enantiopure 2-piperidylacetaldehyde as a useful building block in the diversity-oriented synthesis of polycyclic piperidine derivatives. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 264-269.	1.8	16
129	Asymmetric syntheses of (8 <i>R</i> ,8 <i>aS</i>)- and (8 <i>R</i> ,8 <i>aR</i>)-8-hydroxy-5-indolizidinones: Two promising oxygenated indolizidine building blocks. <i>Science China Chemistry</i> , 2011, 54, 737-744.	4.2	14
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