

Benito Alcaide

List of Publications by Year in descending order

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9,841
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38742

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407
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#	ARTICLE	IF	CITATIONS
1	Oxidative selenofunctionalization of allenes: convenient access to 2-(phenylselanyl)-but-2-enals and 4-oxo-3-(phenylselanyl)pent-2-enoates. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2447-2451.	4.5	12
2	Convenient Access to 2,3-Disubstituted Cyclobutenones under Suzuki Conditions and Their Synthetic Utility. <i>Chemistry - A European Journal</i> , 2019, 25, 7547-7552.	3.3	9
3	Chemoselectivity Switching in the Rhodium-Catalyzed Reactions of 4-Substituted Sulfonyl-1,2,3-triazoles with Allenols: Noticeable Differences between 4-Acyl- and 4-Aryl-Triazoles. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1160-1165.	4.3	9
4	A Facile Synthesis of Blue Luminescent [7]Helicenocarbazoles Based on Gold-Catalyzed Rearrangement-odonium Migration and Suzuki-Miyaura Benzannulation Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, 7620-7625.	3.3	11
5	Divergence in Ynone Reactivity: Atypical Cyclization by 3,4-Difunctionalization versus Rare Bis(cyclization). <i>Chemistry - A European Journal</i> , 2018, 24, 8186-8194.	3.3	24
6	Gold-catalyzed preparation of annelated 2-azetidinones via divergent heterocyclization of enyne-tethered oxazolidinones. <i>Organic Chemistry Frontiers</i> , 2018, 5, 817-821.	4.5	6
7	Gold-Catalyzed Divergent Ring-Closing Modes of Indole-Tethered Amino Allenynes. <i>Chemistry - A European Journal</i> , 2018, 24, 1448-1454.	3.3	6
8	Transition metal-free controlled synthesis of bis[(trifluoromethyl)sulfonyl]ethyl-decorated heterocycles. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3163-3169.	4.5	8
9	Synthesis and Characterization of Stable Phosphorus Carbabetaines. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1956-1961.	3.3	13
10	Metal-Mediated Synthesis of Nonaromatic Oxacycles From Allenols. , 2018, , 1-31.		0
11	Cationic Au ^{III} versus Au ^I : Catalyst-Controlled Divergent Reactivity of Alkyne-Tethered Lactams. <i>Chemistry - A European Journal</i> , 2017, 23, 3012-3015.	3.3	13
12	Photoinduced Gold-Catalyzed Domino C(sp) Arylation/Oxyarylation of TMS-Terminated Alkynols with Arenediazonium Salts. <i>Journal of Organic Chemistry</i> , 2017, 82, 2177-2186.	3.2	39
13	Synthesis of Five-Membered Heterocycles Through \hat{I}^2 -Lactam Ring-Expansion Reaction. , 2017, , 163-218.		3
14	Regioselective Synthesis of Heteroatom-Functionalized Cyclobutenes-Triflones and Cyclobutenones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2630-2639.	4.3	23
15	Photopromoted Entry to Benzothiophenes, Benzoselenophenes, 3-Hydroxyindoles, Isocoumarins, Benzosultams, and (Thio)flavones by Gold-Catalyzed Arylative Heterocyclization of Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2640-2652.	4.3	56
16	De Novo Synthesis of \hat{I}^2 -Hydroxy Ketones by Gallic Acid-Promoted Aerobic Coupling of Terminal Alkynes with Diazonium Salts. <i>Chemistry - A European Journal</i> , 2017, 23, 17227-17230.	3.3	5
17	Allenols versus Allenones: Rhodium-Catalyzed Regiodivergent and Tunable Allene Reactivity with Triazoles. <i>Chemistry - A European Journal</i> , 2017, 23, 13754-13759.	3.3	11
18	Gold-Photoredox-Cocatalyzed Tandem Oxycyclization/Coupling Sequence of Allenols and Diazonium Salts with Visible Light Mediation. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2789-2800.	4.3	36

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19	Domino Meyer-Schuster/Arylation Reaction of Alkynols or Alkynyl Hydroperoxides with Diazonium Salts Promoted by Visible Light under Dual Gold and Ruthenium Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1526-1533.	4.3	71
20	Allene-Based Gold-Catalyzed Stereodivergent Synthesis of Azapolycyclic Derivatives of Unusual Structure. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1469-1477.	4.3	8
21	Palladium Nanoparticles in Water: A Reusable Catalytic System for the Cycloetherification or Benzannulation of Allenols. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2000-2006.	4.3	15
22	Direct Metal-Free Entry to Aminocyclobutenes or Aminocyclobutenols from Ynamides: Synthetic Applications. <i>Chemistry - A European Journal</i> , 2016, 22, 8998-9005.	3.3	28
23	Iron-catalyzed domino indole fluorination/allenic aza-Claisen rearrangement. <i>Chemical Communications</i> , 2016, 52, 6813-6816.	4.1	19
24	Tunable Metal-Catalyzed Heterocyclization Reactions of Allenic Amino Alcohols: An Experimental and Theoretical Study. <i>Journal of Organic Chemistry</i> , 2016, 81, 7362-7372.	3.2	12
25	Metal-Catalyzed Cyclization Reactions of 2,3,4-Trienols: A Joint Experimental-Computational Study. <i>Chemistry - A European Journal</i> , 2016, 22, 11667-11676.	3.3	7
26	Stereoselective synthesis of strained cage compounds via gold-catalyzed allene functionalization. <i>Chemical Communications</i> , 2016, 52, 10265-10268.	4.1	6
27	Metal-Free Allene-Based Synthesis of Enantiopure Fused Polycyclic Sultones. <i>Chemistry - A European Journal</i> , 2016, 22, 285-294.	3.3	12
28	Four-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2015, 27, 87-115.	0.5	1
29	Versatile Synthesis of Polyfunctionalized Carbazoles from (3-Iodoindol-2-yl)butynols via a Gold-Catalyzed Intramolecular Iodine-Transfer Reaction. <i>ACS Catalysis</i> , 2015, 5, 3417-3421.	11.2	32
30	Unveiling the uncatalyzed reaction of alkynes with 1,2-dipoles for the room temperature synthesis of cyclobutenes. <i>Chemical Communications</i> , 2015, 51, 3395-3398.	4.1	35
31	Acid-Catalyzed Synthesis of 1,2-Disubstituted Conjugated Enones by a Meyer-Schuster Type Rearrangement in Allenols. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1070-1078.	4.3	8
32	Ring Expansions of 2-Lactams and 2-(thio)lactones. <i>Topics in Heterocyclic Chemistry</i> , 2015, , 233-280.	0.2	1
33	Gold-Catalyzed Reactivity Reversal of Indolizidinone-Tethered 2-Amino Allenes Controlled by the Stereochemistry. <i>ACS Catalysis</i> , 2015, 5, 4842-4845.	11.2	23
34	An Alternative to Precious Metals: Hg(ClO ₄) ₂ ·3H ₂ O as a Cheap and Water-Tolerant Catalyst for the Cycloisomerization of Allenols. <i>Journal of Organic Chemistry</i> , 2015, 80, 7050-7057.	3.2	17
35	Gold as Catalyst for the Hydroarylation and Domino Hydroarylation/N1-C4 Cleavage of 2-Lactam-Tethered Allenyl Indoles. <i>Journal of Organic Chemistry</i> , 2015, 80, 4650-4660.	3.2	20
36	Metal-free [3+2] cycloaddition of azides with Tf ₂ CH ₂ for the regioselective preparation of elusive 4-(trifluoromethylsulfonyl)-1,2,3-triazoles. <i>Chemical Communications</i> , 2015, 51, 6992-6995.	4.1	25

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37	Gallium-Catalyzed Domino Arylation/Oxycyclization of Allenes with Phenols. <i>Journal of Organic Chemistry</i> , 2015, 80, 4157-4163.	3.2	16
38	A Versatile Synthesis of β -Lactam-Fused Oxacycles through the Palladium-Catalyzed Chemo-, Regio-, and Diastereoselective Cyclization of Allenic Diols. <i>Chemistry - A European Journal</i> , 2015, 21, 2200-2213.	3.3	14
39	Investigation of the Passerini and Ugi reactions in β -lactam aldehydes. Synthetic applications. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1387-1394.	2.8	11
40	Divergent Reactivity of Homologue <i>ortho</i> -Allenylbenzaldehydes Controlled by the Tether Length: Chromone versus Chromene Formation. <i>Chemistry - A European Journal</i> , 2015, 21, 1533-1541.	3.3	15
41	Novel achievements with an old metal: copper-promoted synthesis of four-membered azacycles. <i>RSC Advances</i> , 2014, 4, 1689-1707.	3.6	17
42	Synthesis of Fused Cyclopentenones through Palladium-Catalyzed Cyclization of α -Iodoaryl Allenols. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1370-1374.	4.3	10
43	A gold-catalysed imine-propargylamine cascade sequence: synthesis of 3-substituted-2,5-dimethylpyrazines and the reaction mechanism. <i>Chemical Communications</i> , 2014, 50, 4567-4570.	4.1	31
44	Gold-Catalyzed Cyclization Reactions of Allenol and Alkynol Derivatives. <i>Accounts of Chemical Research</i> , 2014, 47, 939-952.	15.6	185
45	Four-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2014, , 85-113.	0.5	1
46	Cyclization reactions of bis(allenes) for the synthesis of polycarbo(hetero)cycles. <i>Chemical Society Reviews</i> , 2014, 43, 3106-3135.	38.1	111
47	Gold/Acid-Catalyzed Direct Microwave-Assisted Synthesis of Fused Azaheterocycles from Propargylic Hydroperoxides. <i>Chemistry - A European Journal</i> , 2014, 20, 3384-3393.	3.3	22
48	Progress in allene chemistry. <i>Chemical Society Reviews</i> , 2014, 43, 2886.	38.1	85
49	Microwave-Promoted Synthesis of Bicyclic Azocine- β -Lactams from Bis(allenes). <i>Journal of Organic Chemistry</i> , 2014, 79, 7075-7083.	3.2	11
50	Three-Step Metal-Promoted Allene-Based Preparation of Bis(heterocyclic) Cyclophanes from Carbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2014, 79, 6244-6255.	3.2	14
51	Synthesis of Functionalized Azetidines through Chemoselective Zinc-Catalyzed Reduction of β -Lactams with Silanes. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2089-2094.	4.3	17
52	Iodine recycling via 1,3-migration in iodoindoles under metal catalysis. <i>Chemical Communications</i> , 2013, 49, 7779.	4.1	21
53	Controlled Heterocyclization/Cross-Coupling Domino Reaction of β , β -Allenediols and β -Allenic Esters: Method and Mechanistic Insight for the Preparation of Functionalized Buta-1,3-dienyl Dihydropyrans. <i>Chemistry - A European Journal</i> , 2013, 19, 14233-14244.	3.3	11
54	Platinum-Catalyzed Divergent Reactivity of β -Hydroxyallenes: Synthesis of Dihydrofurans and β -Unsaturated Ketones. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2681-2685.	4.3	19

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55	Organocatalyzed Three-Component Ugi and Passerini Reactions of 4-Oxoazetidone-2-carbaldehydes and Azetidone-2,3-diones. Application to the Synthesis of β^3 -Lactams and β^3 -Lactones. <i>Journal of Organic Chemistry</i> , 2013, 78, 10154-10165.	3.2	32
56	Synthesis of Fused β^2 -Lactams through Selective Gold-Catalyzed Oxycyclization of Dioxolane-Tethered Enynes. <i>Journal of Organic Chemistry</i> , 2013, 78, 8956-8965.	3.2	19
57	Four-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2013, 25, 71-96.	0.5	2
58	Metal-catalyzed rearrangements of 3-allenyl 3-hydroxyindolin-2-ones in the presence of halogenated reagents. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1216.	2.8	17
59	Unveiling the Reactivity of Propargylic Hydroperoxides under Gold Catalysis. <i>Journal of the American Chemical Society</i> , 2013, 135, 898-905.	13.7	56
60	Gold-catalysed tuning of reactivity in allenes: 9-endo hydroarylation versus formal 5-exo hydroalkylation. <i>Chemical Communications</i> , 2013, 49, 1282.	4.1	45
61	Carbocyclization versus Oxycyclization on the Metal-Catalyzed Reactions of Oxyallenyl C3-Linked Indoles. <i>Journal of Organic Chemistry</i> , 2013, 78, 6688-6701.	3.2	39
62	Gold-catalyzed oxycyclization of allenic carbamates: expeditious synthesis of 1,3-oxazin-2-ones. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 818-826.	2.2	28
63	Gold-catalyzed bis-cyclization of 1,2-diol- or acetonide-tethered alkynes. Synthesis of β -lactam-bridged acetals: a combined experimental and theoretical study. <i>Tetrahedron</i> , 2012, 68, 10748-10760.	1.9	19
64	Stereoselective cyanation of 4-formyl and 4-imino β -lactams: application to the synthesis of polyfunctionalized β -lactams. <i>Tetrahedron</i> , 2012, 68, 10761-10768.	1.9	20
65	Direct FeX ₃ -Based Stereocontrolled Access to (<i>Z</i>)-3-Alkenyl-oxindoles from Allenols. <i>Journal of Organic Chemistry</i> , 2012, 77, 11388-11392.	3.2	14
66	Four-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2012, 24, 115-137.	0.5	2
67	Ring Enlargement versus Selenoetherification on the Reaction of Allenyl Oxindoles with Selenenylating Reagents. <i>Journal of Organic Chemistry</i> , 2012, 77, 3549-3556.	3.2	28
68	Direct allenol-based stereocontrolled access to substituted (E)-1,3-enynes. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7603.	2.8	16
69	Gold-catalyzed direct cycloketalization of acetonide-tethered alkynes in the presence of water. <i>Tetrahedron</i> , 2012, 68, 9391-9396.	1.9	20
70	Palladium-catalyzed carbocyclization "cross-coupling reactions of two different allenic moieties: synthesis of 3-(buta-1,3-dienyl) carbazoles and mechanistic insights. <i>Chemical Communications</i> , 2012, 48, 6604.	4.1	26
71	Regio- and Diastereoselective Synthesis of β^2 -Lactam-Triazole Hybrids via Passerini/CuAAC Sequence. <i>Journal of Organic Chemistry</i> , 2012, 77, 6917-6928.	3.2	29
72	Diastereoselective Synthesis of β^2 -Lactam-Oxindole Hybrids Through a Three-Component Reaction of Azetidone-2,3-diones, β^2 -Diazooxindoles, and Alcohols Catalyzed by [Rh ₂ (OAc) ₄]. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2359-2366.	2.4	42

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73	Scandium-Catalyzed Preparation of Cytotoxic 3-Functionalized Quinolin-2-ones: Regioselective Ring Enlargement of Isatins or Imino Isatins. <i>ChemPlusChem</i> , 2012, 77, 563-569.	2.8	24
74	Fascinating reactivity in gold catalysis: synthesis of oxetenes through rare 4-exo-dig allene cyclization and infrequent β -hydride elimination. <i>Chemical Communications</i> , 2011, 47, 9054.	4.1	76
75	Four-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2011, , 85-107.	0.5	15
76	Four-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2011, 23, 101-125.	0.5	4
77	Gold catalyzed oxycyclizations of alkynols and alkyndiols. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4405.	2.8	112
78	Gold-catalyzed heterocyclizations in alkynyl- and allenyl- β -lactams. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 622-630.	2.2	29
79	Gold-Catalyzed Cyclizations of Alkynol-Based Compounds: Synthesis of Natural Products and Derivatives. <i>Molecules</i> , 2011, 16, 7815-7843.	3.8	67
80	Allenyl- β -lactams: versatile scaffolds for the synthesis of heterocycles. <i>Chemical Record</i> , 2011, 11, 311-330.	5.8	55
81	Accessing Skeletal Diversity under Iron Catalysis using Substrate Control: Formation of Pyrroles versus Lactones. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 585-594.	4.3	41
82	Novel Cyclization Reactions of Aminoallenes. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2561-2576.	4.3	79
83	Gold- or Palladium-Catalyzed Allene Carbocyclization/Functionalization: Simple and Efficient Synthesis of Carbazoles. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1871-1876.	4.3	59
84	Expeditious Entry to Enantiopure Mono- and Bis(Tricyclic) β -Lactams by Single or Double [2+2] Cycloaddition of Allenynes. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 364-370.	2.4	21
85	Straightforward Synthesis of Bridged Azaoxa Skeletons: Gold-Catalyzed Aminoketalization of Garner's Aldehyde-Derived Alkynes. <i>Chemistry - A European Journal</i> , 2011, 17, 4968-4971.	3.3	47
86	Controlled Rearrangement of Lactam-Tethered Allenols with Brominating Reagents: A Combined Experimental and Theoretical Study on β - versus β -Keto Lactam Formation. <i>Chemistry - A European Journal</i> , 2011, 17, 11559-11566.	3.3	30
87	Striking Alkenol Versus Allenol Reactivity: Metal-Catalyzed Chemodifferentiating Oxycyclization of Enallenols. <i>Chemistry - A European Journal</i> , 2011, 17, 15005-15013.	3.3	30
88	Heterocyclization of Allenes Catalyzed by Late Transition Metals: Mechanisms and Regioselectivity. <i>Topics in Current Chemistry</i> , 2011, 302, 183-224.	4.0	19
89	Synthesis of a New Class of C_2 -Symmetrical Biheteroaryls by Ammonium Cerium(IV) Nitrate Mediated Dimerization of 2-(Furan-3-yl)pyrroles. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 823-826.	2.4	8
90	Indium-Promoted Allylation Reaction of Imino-Isatins in Aqueous Media: Synthesis of Quaternary 3-Aminoindoles. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2845-2848.	2.4	47

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91	Metal-Catalyzed Cycloisomerization and Tandem Oxycyclization/Hydroxylation of Alkynols: Synthesis of Nonfused, Spiranic and Fused Oxabicyclic β -Lactams. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4912-4919.	2.4	25
92	Divergent Reactivity of β -Azetidinone-Tethered Allenols with Electrophilic Reagents: Controlled Ring Expansion versus Spirocyclization. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 621-626.	4.3	45
93	Gold/Acid-Cocatalyzed Regiodivergent Preparation of Bridged Ketals via Direct Bis-Oxycyclization of Alkynic Acetonides. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1277-1283.	4.3	44
94	Ring Expansion versus Cyclization in α -Oxoazetidine- β -carbaldehydes Catalyzed by Molecular Iodine: Experimental and Theoretical Study in Concert. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1688-1700.	4.3	39
95	Cross-Coupling/Cyclization Reactions of Two Different Allenic Moieties. <i>Chemistry - A European Journal</i> , 2010, 16, 5836-5842.	3.3	63
96	Metal-Catalyzed Cycloetherification Reactions of β , γ - and γ , δ -Allenols: Chemo-, Regio-, and Stereocontrol in the Synthesis of Oxacycles. <i>Chemistry - A European Journal</i> , 2010, 16, 13243-13252.	3.3	53
97	Novel Aspects on the Preparation of Spirocyclic and Fused Unusual β -Lactams. <i>Topics in Heterocyclic Chemistry</i> , 2010, , 1-48.	0.2	17
98	Exploiting [2+2] cycloaddition chemistry: achievements with allenes. <i>Chemical Society Reviews</i> , 2010, 39, 783-816.	38.1	349
99	Chapter 4: Four-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2009, , 74-93.	0.5	4
100	Regioselectivity Control in the Metal-Catalyzed O=C Functionalization of β -Allenols, Part...1: Experimental Study. <i>Chemistry - A European Journal</i> , 2009, 15, 1901-1908.	3.3	61
101	Regioselectivity Control in the Metal-Catalyzed Functionalization of β -Allenols, Part...2: Theoretical Study. <i>Chemistry - A European Journal</i> , 2009, 15, 1909-1928.	3.3	41
102	Chemo- and Regioselective Palladium-Catalyzed Oxycyclization Reactions of Allenols: Preparation of Five-, Six-, and Eight-Membered Cycles. <i>Chemistry - A European Journal</i> , 2009, 15, 2496-2499.	3.3	37
103	Synthesis of Spiroheterocycles by Palladium-Catalyzed Domino Cycloisomerization/Cross-Coupling of β -Allenols and Baylis-Hillman Acetates. <i>Chemistry - A European Journal</i> , 2009, 15, 3344-3346.	3.3	53
104	Metal-Catalyzed Cyclization of β - and γ -Allenols Derived from D-Glyceraldehyde: Synthesis of Enantiopure Dihydropyrans and Tetrahydrooxepines: An Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2009, 15, 9127-9138.	3.3	47
105	Generating Complexity from Simplicity: Pd-Catalyzed or Cu-Promoted Domino Alkyne Homocoupling/Double [2+2] Allenyne Cycloaddition. <i>Chemistry - A European Journal</i> , 2009, 15, 9987-9989.	3.3	35
106	Lewis Acid-Assisted Ene Cyclization of β -Azetidinone-Tethered Enals: Synthesis of Enantiopure Carbacepham Derivatives. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1604-1611.	3.3	11
107	Grubbs TM Ruthenium-Carbenes Beyond the Metathesis Reaction: Less Conventional Non-Metathetic Utility. <i>Chemical Reviews</i> , 2009, 109, 3817-3858.	47.7	303
108	Chapter 4: Four-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2009, , 94-114.	0.5	2

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109	Rhodium-Catalyzed Synthesis of 3-Hydroxy- $\hat{1}^2$ -lactams via Oxonium Ylide Generation: Three-Component Reaction between Azetidine-2,3-diones, Ethyl Diazoacetate, and Alcohols. <i>Journal of Organic Chemistry</i> , 2009, 74, 8421-8424.	3.2	30
110	New Regiocontrolled Synthesis of Functionalized Pyrroles from 2- $\hat{1}$ -Azetidinone- $\hat{1}$ -Tethered Allenols. <i>Chemistry - A European Journal</i> , 2008, 14, 637-643.	3.3	59
111	Chemodivergence in Alkene/Allene Cycloetherification of Enallenols: Iron versus Noble Metal Catalysis. <i>Chemistry - A European Journal</i> , 2008, 14, 7756-7759.	3.3	53
112	Synthesis of Novel Bis($\hat{1}^2$ -lactam)- $\hat{1},3$ -diynes by Copper-Promoted Homo- or Cross-Coupling of Alkynyl- $\hat{2}$ -azetidinones. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1575-1581.	2.4	16
113	Highly Stereoselective Metal-Mediated Entry to Functionalized Tetrahydrothiophenes by Barbier-Type Carbonyl-Addition Reactions. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2628-2634.	2.4	7
114	Indium-Promoted Acyloxyallylation Reaction of Azetidine- $\hat{2},3$ -diones in Aqueous Media: A New Route to Densely Functionalized 3-Substituted 3-Hydroxy- $\hat{1}^2$ -lactams. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 4434-4439.	2.4	10
115	Organocatalytic Reactions with Acetaldehyde. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4632-4634.	13.8	80
116	Pd-Catalyzed Domino Heterocyclization/Cross-Coupling of $\hat{1}$ -Allenols and $\hat{1}$ -Allenic Esters: Efficient Preparation of Functionalized Buta- $\hat{1},3$ -dienyl Dihydrofurans. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1140-1145.	3.3	30
117	I 2 -Catalyzed enantioselective ring expansion of $\hat{1}^2$ -lactams to $\hat{1}^3$ -lactams through a novel C3-C4 bond cleavage. Direct entry to protected 3,4-dihydropyrrolidin-2-one derivatives. <i>Chemical Communications</i> , 2008, , 615-617.	4.1	14
118	Synthesis of Novel Enantiopure 4-Hydroxypiperic Acid Derivatives with a Bicyclic $\hat{1}^2$ -Lactam Structure from a Common 3-Azido-4-oxoazetidine-2-carbaldehyde Precursor. <i>Journal of Organic Chemistry</i> , 2008, 73, 1635-1638.	3.2	19
119	Stereoselective NaN $_3$ -catalyzed halonitroaldol-type reaction of azetidine-2,3-diones in aqueous media. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1635.	2.8	28
120	Chapter 4 Four-membered ring systems. <i>Progress in Heterocyclic Chemistry</i> , 2008, 19, 92-111.	0.5	1
121	Direct Synthesis of Protected Enantiopure 5-Cyano-3,4-dihydropyrrolidin-2-ones from $\hat{1}^2$ -Lactam Aldehydes Catalyzed by Iodine. <i>Synthesis</i> , 2008, 2008, 2835-2839.	2.3	12
122	Four-membered ring systems. <i>Progress in Heterocyclic Chemistry</i> , 2007, , 106-125.	0.5	2
123	Direct organocatalytic synthesis of enantiopure succinimides from $\hat{1}^2$ -lactam aldehydes through ring expansion promoted by azolium salt precatalysts. <i>Chemical Communications</i> , 2007, , 4788.	4.1	47
124	Carbonyl Allenylation/Free Radical Cyclization Sequence as a New Regio- and Stereocontrolled Access to Bi- and Tricyclic $\hat{1}^2$ -Lactams. <i>Journal of Organic Chemistry</i> , 2007, 72, 1604-1608.	3.2	42
125	Metal-Catalyzed Regiodivergent Cyclization of $\hat{1}^3$ -Allenols: Tetrahydrofurans versus Oxepanes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6684-6687.	13.8	114
126	Diversity-Oriented Preparation of Enantiopure Spirocyclic 2-Azetidinones from $\hat{1}$ -Oxo- $\hat{1}^2$ -lactams through Barbier-Type Reactions followed by Metal-Catalyzed Cyclizations. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 749-758.	4.3	61

#	ARTICLE	IF	CITATIONS
127	Allene Substitution-Controlled Switching of Dimerization to Cycloisomerization in the PdII-Catalyzed Reaction of Terminal $\hat{1}\pm$ -Allenones. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2844-2849.	2.4	52
128	N1 $\hat{1}\pm$ C4 $\hat{1}^2$ -Lactam Bond Cleavage in the 2-(Trimethylsilyl)thiazole Addition to $\hat{1}^2$ -Lactam Aldehydes: Asymmetric Synthesis of Spiranic and Tertiary $\hat{1}\pm$ -Alkoxy- $\hat{1}^3$ -keto Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3707-3710.	2.4	14
129	Organocatalytic direct aldol and nitroaldol reactions between azetidine-2,3-diones and ketones or nitromethane. <i>Tetrahedron</i> , 2007, 63, 3102-3107.	1.9	14
130	Stereocontrolled Access to Orthogonally Protected anti,anti-4-Aminopiperidine-3,5-diols through Chemoselective Reduction of Enantiopure $\hat{1}^2$ -Lactam Cyanohydrins. <i>Journal of Organic Chemistry</i> , 2007, 72, 7980-7991.	3.2	28
131	$\hat{1}^2$ -Lactams: $\hat{1}\pm$ Versatile Building Blocks for the Stereoselective Synthesis of Non- $\hat{1}^2$ -Lactam Products. <i>Chemical Reviews</i> , 2007, 107, 4437-4492.	47.7	474
132	Organocatalyzed diastereoselective Henry reaction of enantiopure 4-oxoazetidine-2-carbaldehydes. <i>Arkivoc</i> , 2007, 2007, 285-296.	0.5	0
133	Domino metal-free allene- $\hat{1}^2$ -lactam-based access to functionalized pyrroles. <i>Chemical Communications</i> , 2006, , 2616-2618.	4.1	35
134	Efficient Entry to Diversely Functionalized Spirocyclic Oxindoles from Isatins through Carbonyl-Addition/Cyclization Reaction Sequences. <i>Journal of Organic Chemistry</i> , 2006, 71, 2346-2351.	3.2	117
135	Proline-Catalyzed Diastereoselective Direct Aldol Reaction between 4-Oxoazetidine-2-carbaldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 2006, 71, 4818-4822.	3.2	82
136	Organocatalytic Ring Expansion of $\hat{1}^2$ -Lactams to $\hat{1}^3$ -Lactams Through a Novel N1 $\hat{1}\pm$ C4 Bond Cleavage. Direct Synthesis of Enantiopure Succinimide Derivatives.. <i>ChemInform</i> , 2006, 37, no.	0.0	0
137	Stereoselective Entry to Bicyclic $\hat{1}^2$ -Lactams via Free Radical Cyclization of 2-Azetidinone-Tethered Bromohomoallylic Alcohols.. <i>ChemInform</i> , 2006, 37, no.	0.0	0
138	Synthesis of Strained Tricyclic $\hat{1}^2$ -Lactams by Intramolecular [2+2] Cycloaddition Reactions of 2-Azetidinone-Tethered Enallenols: Control of Regioselectivity by Selective Alkene Substitution. <i>Chemistry - A European Journal</i> , 2006, 12, 1539-1546.	3.3	63
139	A Practical Ruthenium-Catalyzed Cleavage of the Allyl Protecting Group in Amides, Lactams, Imides, and Congeners. <i>Chemistry - A European Journal</i> , 2006, 12, 2874-2879.	3.3	63
140	Reaction of Two Different $\hat{1}\pm$ -Allenols in a Heterocyclization/Cross-Coupling Sequence: Convenient Access to Functionalized Buta-1,3-dienyl Dihydrofurans. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4501-4504.	13.8	96
141	Synthesis of fused or not $\hat{1}^2$ -lactam-biaryl hybrids by free radical aryl $\hat{1}\pm$ aryl coupling of 2-azetidinone-tethered haloarenes. <i>Tetrahedron</i> , 2005, 61, 7894-7906.	1.9	25
142	Novel Carbonyl Bromoallylation/Heck Reaction Sequence. Stereocontrolled Access to Bicyclic $\hat{1}^2$ -Lactams. <i>Journal of Organic Chemistry</i> , 2005, 70, 2713-2719.	3.2	40
143	Stereoselective Synthesis of 1,2,3-Trisubstituted 1,3-Dienes through Novel [3,3]-Sigmatropic Rearrangements in $\hat{1}$ -Allenic Methanesulfonates: Application to the Preparation of Fused Tricyclic Systems by Tandem Rearrangement/Diels-Alder Reaction. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 98-106.	2.4	43
144	Diastereoselective Route to Novel Fused or Bridged Tricyclic $\hat{1}^2$ -Lactams through Intramolecular Nitron-Alkene Cycloaddition of 2-Azetidinone-Tethered Alkenylaldehydes - Synthetic Applications to Carbacephams and Cyclic $\hat{1}^2$ -Amino Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 1680-1693.	2.4	33

#	ARTICLE	IF	CITATIONS
145	Pd-Cu Bimetallic Catalyzed Domino Cyclization of $\hat{1}\pm$ -Allenols Followed by a Coupling Reaction: New Sequence Leading to Functionalized Spirolactams. <i>Chemistry - A European Journal</i> , 2005, 11, 5708-5712.	3.3	79
146	Stereoselective Synthesis of 1,2,3-Trisubstituted 1,3-Dienes Through Novel [3,3]-Sigmatropic Rearrangements in γ -Allenic Methanesulfonates: Application to the Preparation of Fused Tricyclic Systems by Tandem Rearrangement/Diels-Alder Reaction.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
147	Stereoselective Synthesis of 1,2,3-Trisubstituted 1,3-Dienes Through Novel [3,3]-Sigmatropic Rearrangements in γ -Allenic Methanesulfonates: Application to the Preparation of Fused Tricyclic Systems by Tandem Rearrangement/Diels-Alder Reaction.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
148	Free Radical Synthesis of Benzofused Tricyclic $\hat{1}^2$ -Lactams by Intramolecular Cyclization of 2-Azetidinone-Tethered Haloarenes.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
149	Novel Carbonyl Bromoallylation/Heck Reaction Sequence. Stereocontrolled Access to Bicyclic $\hat{1}^2$ -Lactams.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
150	Metal-Mediated Entry to Functionalized 3-Substituted 3-Hydroxyindolin-2-ones via Regiocontrolled Carbonylallylation, Bromoallylation, 1,3-Butadien-2-ylation, Propargylation, or Allenylation Reactions of Isatins in Aqueous Media.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
151	Synthesis of Fused or Not $\hat{1}^2$ -Lactam-biaryl Hybrids by Free Radical Aryl-Aryl Coupling of 2-Azetidinone-tethered Haloarenes.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
152	Free radical synthesis of benzofused tricyclic $\hat{1}^2$ -lactams by intramolecular cyclization of 2-azetidinone-tethered haloarenes. <i>Tetrahedron</i> , 2005, 61, 2767-2778.	1.9	22
153	Chapter 4 Four-membered ring systems. <i>Progress in Heterocyclic Chemistry</i> , 2005, 16, 82-97.	0.5	3
154	Stereoselective Entry to Bicyclic $\hat{1}^2$ -Lactams via Free Radical Cyclization of 2-Azetidinone-Tethered Bromohomoallylic Alcohols. <i>Synthesis</i> , 2005, 2005, 2335-2340.	2.3	11
155	Chemoselective Deprotection of Allylic Amines Catalyzed by Grubbs's TM Carbene. <i>Synthesis</i> , 2005, 2005, 668-672.	2.3	11
156	Four-membered ring systems. <i>Progress in Heterocyclic Chemistry</i> , 2005, , 64-83.	0.5	5
157	Organocatalytic Ring Expansion of $\hat{1}^2$ -Lactams to $\hat{1}^3$ -Lactams through a Novel N1-C4 Bond Cleavage. Direct Synthesis of Enantiopure Succinimide Derivatives. <i>Organic Letters</i> , 2005, 7, 3981-3984.	4.6	73
158	Diastereoselectivity Enhancement in the 1,3-Cycloaddition of $\hat{1}^2$ -Lactam Aldehydes. Application to the Synthesis of Enantiopure Indolizidinone Amino Esters. <i>Journal of Organic Chemistry</i> , 2005, 70, 8890-8894.	3.2	30
159	Metal-Mediated Entry to Functionalized 3-Substituted 3-Hydroxyindolin-2-ones via Regiocontrolled Carbonylallylation, Bromoallylation, 1,3-Butadien-2-ylation, Propargylation, or Allenylation Reactions of Isatins in Aqueous Media. <i>Journal of Organic Chemistry</i> , 2005, 70, 3198-3204.	3.2	69
160	$\hat{1}^2$ -Lactams as Versatile Synthetic Intermediates for the Preparation of Heterocycles of Biological Interest. <i>Current Medicinal Chemistry</i> , 2004, 11, 1921-1949.	2.4	191
161	Novel N1-C4 $\hat{1}^2$ -Lactam Bond Breakage. Synthesis of Enantiopure $\hat{1}\pm$ -Alkoxy- $\hat{1}^3$ -keto Acid Derivatives. <i>Organic Letters</i> , 2004, 6, 1765-1767.	4.6	30
162	Straightforward Asymmetric Entry to Highly Functionalized 3-Substituted 3-Hydroxy- $\hat{1}^2$ -lactams via Baylis-Hillman or Bromoallylation Reactions. <i>Journal of Organic Chemistry</i> , 2004, 69, 826-831.	3.2	35

#	ARTICLE	IF	CITATIONS
163	The Allenic Pauson-Khand Reaction in Synthesis. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 3377-3383.	2.4	89
164	Structurally Novel Bi- and Tricyclic \hat{I}^2 -Lactams via [2 + 2] Cycloaddition or Radical Reactions in 2-Azetidinone-Tethered Enallenes and Allenynes.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
165	Novel Ruthenium-Catalyzed Cleavage of Allyl Protecting Group in Lactams.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
166	Ruthenium-Catalyzed Chemoselective N-Allyl Cleavage: Novel Grubbs's Carbene Mediated Deprotection of Allylic Amines.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
167	Synthesis of Optically Pure Highly Functionalized \hat{I}^3 -Lactams via 2-Azetidinone-Tethered Iminophosphoranes.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
168	Straightforward Asymmetric Entry to Highly Functionalized 3-Substituted 3-Hydroxy- \hat{I}^2 -lactams via Baylis-Hillman or Bromoallylation Reactions.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
169	Novel N1-C4 \hat{I}^2 -Lactam Bond Breakage. Synthesis of Enantiopure \hat{I}^{\pm} -Alkoxy- \hat{I}^3 -keto Acid Derivatives.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
170	The Allenic Pauson-Khand Reaction in Synthesis. <i>ChemInform</i> , 2004, 35, no.	0.0	0
171	Metal-Assisted Synthesis of Enantiopure Spirocyclic \hat{I}^2 -Lactams from Azetidine-2,3-diones.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
172	Metal-assisted synthesis of enantiopure spirocyclic \hat{I}^2 -lactams from azetidine-2,3-diones. <i>Tetrahedron Letters</i> , 2004, 45, 6429-6431.	1.4	38
173	Access to enantiopure polycyclic \hat{I}^2 -lactams by Diels-Alder reaction of novel inner-outer-ring 2-(silyloxy)dienes with a carbacepham skeleton. <i>Tetrahedron Letters</i> , 2004, 45, 7255-7259.	1.4	15
174	Synthesis of Optically Pure Highly Functionalized \hat{I}^3 -Lactams via 2-Azetidinone-Tethered Iminophosphoranes. <i>Journal of Organic Chemistry</i> , 2004, 69, 993-996.	3.2	57
175	Intramolecular 1,3-dipolar cycloaddition reaction of novel 2-azetidinone-tethered alkenyl nitrile oxides. <i>Arkivoc</i> , 2004, 2004, 137-152.	0.5	10
176	Recent Advances in the Stereocontrolled Synthesis of Bi- and Tricyclic \hat{I}^2 -Lactams with Non-Classical Structure. <i>ChemInform</i> , 2003, 34, no-no.	0.0	0
177	Efficient Entry to Highly Functionalized \hat{I}^2 -Lactams by Regio- and Stereoselective 1,3-Dipolar Cycloaddition Reaction of 2-Azetidinone-Tethered Nitrones. <i>Synthetic Applications.. ChemInform</i> , 2003, 34, no.	0.0	0
178	The Direct Catalytic Asymmetric Cross-Aldol Reaction of Aldehydes.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
179	Asymmetric Synthesis of Unusual Fused Tricyclic \hat{I}^2 -Lactam Structures via Aza-Cycloadditions/Ring Closing Metathesis.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
180	Non-Metathetic Behavior Patterns of Grubbs's Carbene. <i>ChemInform</i> , 2003, 34, no.	0.0	0

#	ARTICLE	IF	CITATIONS
181	Lewis Acid-Promoted Intermolecular Carbonyl-ene Reaction of Enantiopure 4-Oxoazetidone-2-carbaldehydes. Rapid Entry to Novel Fused Polycyclic β^2 -Lactams.. ChemInform, 2003, 34, no.	0.0	0
182	Useful Dual Diels-Alder Behavior of 2-Azetidinone-Tethered Aryl Imines as Azadienophiles or Azadienes: A β^2 -Lactam-Based Stereocontrolled Access to Optically Pure Highly Functionalized Indolizidine Systems.. ChemInform, 2003, 34, no.	0.0	0
183	Useful Dual Diels-Alder Behavior of 2-Azetidinone-Tethered Aryl Imines as Azadienophiles or Azadienes: A β^2 -Lactam-Based Stereocontrolled Access to Optically Pure Highly Functionalized Indolizidine Systems. Chemistry - A European Journal, 2003, 9, 3415-3426.	3.3	51
184	Ruthenium-Catalyzed Chemoselective N-Allyl Cleavage: Novel Grubbs Carbene Mediated Deprotection of Allylic Amines. Chemistry - A European Journal, 2003, 9, 5793-5799.	3.3	79
185	Non-Metathetic Behavior Patterns of Grubbs' Carbene. Chemistry - A European Journal, 2003, 9, 1258-1262.	3.3	108
186	The Direct Catalytic Asymmetric Cross-Aldol Reaction of Aldehydes. Angewandte Chemie - International Edition, 2003, 42, 858-860.	13.8	125
187	Novel ruthenium-catalyzed cleavage of allyl protecting group in lactams. Tetrahedron Letters, 2003, 44, 8693-8695.	1.4	46
188	Lewis Acid-Promoted Intermolecular Carbonyl-ene Reaction of Enantiopure 4-Oxoazetidone-2-carbaldehydes. Rapid Entry to Novel Fused Polycyclic β^2 -Lactams. Journal of Organic Chemistry, 2003, 68, 3106-3111.	3.2	25
189	Asymmetric Synthesis of Unusual Fused Tricyclic β^2 -Lactam Structures via Aza-Cycloadditions/Ring Closing Metathesis. Journal of Organic Chemistry, 2003, 68, 1426-1432.	3.2	38
190	Chapter 4.2 Four-membered ring systems. Progress in Heterocyclic Chemistry, 2003, 15, 100-115.	0.5	7
191	Structurally Novel Bi- and Tricyclic β^2 -Lactams via [2 + 2] Cycloaddition or Radical Reactions in 2-Azetidinone-Tethered Enallenes and Allenynes. Organic Letters, 2003, 5, 3795-3798.	4.6	57
192	New Aspects of the Indium Chemistry of Carbonyl- β^2 -lactams. Synthesis, 2003, 2003, 1163-1170.	2.3	18
193	Concise, Divergent β^2 -Lactam-based Route to Indolizidine and Quinolizidine Derivatives via Sequential Regio- and Stereocontrolled Intramolecular Nitron-alkene Cycloadditions. Synlett, 2002, 2002, 0085-0088.	1.8	22
194	Selective Bond Cleavage of the β^2 -Lactam Nucleus: Application in Stereocontrolled Synthesis. Synlett, 2002, 2002, 0381-0393.	1.8	139
195	Recent Advances in the Stereocontrolled Synthesis of Bi- and Tricyclic β^2 -Lactams with Non-Classical Structure. Current Organic Chemistry, 2002, 6, 245-264.	1.6	57
196	Efficient Entry to Highly Functionalized β^2 -Lactams by Regio- and Stereoselective 1,3-Dipolar Cycloaddition Reaction of 2-Azetidinone-Tethered Nitrones. Synthetic Applications. Journal of Organic Chemistry, 2002, 67, 7004-7013.	3.2	60
197	New domino transposition/intramolecular Diels-Alder reaction in monocyclic allenols: a general strategy for tricyclic compounds. Chemical Communications, 2002, , 1472-1473.	4.1	24
198	Additions of Allenyl/Propargyl Organometallic Reagents to 4-Oxoazetidone-2-carbaldehydes: Novel Palladium-Catalyzed Domino Reactions in Allenynes. Chemistry - A European Journal, 2002, 8, 1719-1729.	3.3	97

#	ARTICLE	IF	CITATIONS
199	A Novel One-Step Approach for the Preparation of $\hat{\alpha}$ -Amino Acids, $\hat{\alpha}$ -Amino Amides, and Dipeptides from Azetidine-2,3-diones. <i>Chemistry - A European Journal</i> , 2002, 8, 3646.	3.3	33
200	The Direct Catalytic Asymmetric Aldol Reaction. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 1595-1601.	2.4	225
201	Metal-Mediated Carbonyl-1,3-butadien-2-ylation by 1,4-Bis(methanesulfonyl)-2-butyne or 1,4-Dibromo-2-butyne in Aqueous Media: A Asymmetric Synthesis of 3-Substituted 3-Hydroxy- $\hat{\beta}$ -lactams. <i>Journal of Organic Chemistry</i> , 2002, 67, 1925-1928.	3.2	43
202	New Domino Transposition/Intramolecular Diels-Alder Reaction in Monocyclic Allenols: A General Strategy for Tricyclic Compounds. <i>ChemInform</i> , 2002, 33, 46-46.	0.0	0
203	4-Oxoazetidine-2-carbaldehydes as useful building blocks in stereocontrolled synthesis. <i>Chemical Society Reviews</i> , 2001, 30, 226-240.	38.1	154
204	Unusual Fused Tricyclic 2-Azetidinones: Stereocontrolled Synthesis of Rigid Dipeptide Surrogates from $\hat{\beta}$ -Lactam-Tethered Imines via Sequential Cycloaddition/Ring-Closing Metathesis. <i>Synlett</i> , 2001, 2001, 0773-0776.	1.8	12
205	Rapid and Stereocontrolled Synthesis of Racemic and Optically Pure Highly Functionalized Pyrrolizidine Systems via Rearrangement of 1,3-Dipolar Cycloadducts Derived from 2-Azetidinone-Tethered Azomethine Ylides. <i>Journal of Organic Chemistry</i> , 2001, 66, 1351-1358.	3.2	47
206	General and efficient synthesis of $\hat{\beta}$ -lactams bearing a quinone moiety at N1, C3 or C4 positions. <i>Tetrahedron Letters</i> , 2001, 42, 1503-1505.	1.4	26
207	Functionalized eight-membered lactams via [3,3] sigmatropic rearrangement of 2-azetidinone-tethered 1,5-dienes. <i>Tetrahedron Letters</i> , 2001, 42, 3081-3083.	1.4	20
208	An Efficient Synthesis of Highly Functionalised 4-Substituted 2-Azetidinones by a Stereoselective Intermolecular Diels-Alder Reaction of Different Types of 2-Azetidinone-Tethered Dienes. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 2001-2009.	2.4	14
209	RECENT PROGRESS IN THE SYNTHESIS AND REACTIVITY OF AZETIDINE-2,3-DIONES. A REVIEW. <i>Organic Preparations and Procedures International</i> , 2001, 33, 315-334.	1.3	42
210	Metal-Promoted Allylation, Propargylation, or Allenylation of Azetidine-2,3-diones in Aqueous and Anhydrous Media. Application to the Asymmetric Synthesis of Densely Functionalized 3-Substituted 3-Hydroxy- $\hat{\beta}$ -lactams. <i>Journal of Organic Chemistry</i> , 2001, 66, 5208-5216.	3.2	74
211	Straightforward Asymmetric Entry to Highly Functionalized Medium-Sized Rings Fused to $\hat{\beta}$ -Lactams via Chemo- and Stereocontrolled Divergent Radical Cyclization of Baylis-Hillman Adducts Derived from 4-Oxoazetidine-2-carbaldehydes. <i>Journal of Organic Chemistry</i> , 2001, 66, 1612-1620.	3.2	69
212	Rapid Entry to Enantiopure Carbacepham Derivatives via Lewis Acid Promoted Carbonyl-Ene Cyclization of 2-Azetidinone-Tethered Alkenylaldehydes. <i>Organic Letters</i> , 2001, 3, 4205-4208.	4.6	21
213	A Novel Use of Grubbs' Carbene. Application to the Catalytic Deprotection of Tertiary Allylamines. <i>Organic Letters</i> , 2001, 3, 3781-3784.	4.6	109
214	Dual Behavior of 2-Azetidinone-Tethered Arylimines as Azadienophiles or Azadienes. Application to the Asymmetric Synthesis of Indolizidine-Type Systems. <i>Synlett</i> , 2001, 2001, 1531-1534.	1.8	21
215	Reverse-Cope elimination versus 1,3-dipolar cycloaddition in the reaction of enantiopure 2-azetidinone-tethered alkynylaldehydes with N-methylhydroxylamine. <i>Tetrahedron Letters</i> , 2000, 41, 1647-1651.	1.4	17
216	Base-Promoted Isomerization of cis-4-Formyl-2-azetidinones: A Chemoselective C4-Epimerization vs Rearrangement to Cyclic Enaminones. <i>Journal of Organic Chemistry</i> , 2000, 65, 3453-3459.	3.2	52

#	ARTICLE	IF	CITATIONS
217	Stereoselective Allylation of 4-Oxoazetidine-2-carbaldehydes. Application to the Stereocontrolled Synthesis of Fused Tricyclic β -Lactams via Intramolecular Diels-Alder Reaction of 2-Azetidinone-Tethered Trienes. <i>Journal of Organic Chemistry</i> , 2000, 65, 3310-3321.	3.2	50
218	Regio- and Stereocontrolled Metal-Mediated Carbonyl Propargylation or Allenylation of Enantiomerically Pure Azetidine-2,3-diones: Synthesis of Highly Functionalized 3-Substituted 3-Hydroxy- β -lactams. <i>Organic Letters</i> , 2000, 2, 1411-1414.	4.6	53
219	1,3-Dipolar cycloaddition of 2-azetidinone-tethered azomethine ylides. Application to the rapid, stereocontrolled synthesis of optically pure highly functionalised pyrrolizidine systems. <i>Chemical Communications</i> , 2000, , 485-486.	4.1	22
220	Unusual reaction of azetidine-2,3-diones with primary amines. Straightforward asymmetric synthesis of β -amino acid and peptide derivatives. <i>Chemical Communications</i> , 2000, , 757-758.	4.1	17
221	Thermally Induced Isomerization of cis-1,3,4-Trisubstituted 2-Azetidinones. <i>Journal of Organic Chemistry</i> , 2000, 65, 4453-4455.	3.2	30
222	A convenient trans-stereoselective synthesis of phenanthridine derived 2-azetidinones using the Staudinger ketene-imine cycloaddition. <i>Tetrahedron Letters</i> , 1999, 40, 2005-2006.	1.4	34
223	Rapid entry to enantiopure polycyclic β -lactams via intramolecular nitron-alkene cycloaddition of 2-azetidinone-tethered alkenylaldehydes. <i>Tetrahedron Letters</i> , 1999, 40, 5391-5394.	1.4	17
224	Asymmetric synthesis of densely functionalized 3-substituted 3-hydroxy- β -lactams via novel, highly stereoselective Baylis-Hillman and allylation reactions of enantiopure 3-oxo-2-azetidinones. <i>Tetrahedron Letters</i> , 1999, 40, 7537-7540.	1.4	29
225	New synthesis of fused tricyclic 2-azetidinones using stereoselective allylation of cis-4-formyl- β -lactams and intramolecular Diels-Alder reaction. <i>Tetrahedron Letters</i> , 1999, 40, 1015-1018.	1.4	25
226	Novel Diethylaluminum Chloride Promoted Reactions of the Azetidine Ring: Efficient and Stereocontrolled Entry to Functionalized Olefins, Pyrrolidines, and Pyrroles. <i>Journal of Organic Chemistry</i> , 1999, 64, 9596-9604.	3.2	52
227	Diastereoselective Baylis-Hillman reaction of 4-oxoazetidine-2-carbaldehydes: rapid, stereocontrolled and divergent radical synthesis of highly functionalised β -lactams fused to medium rings. <i>Chemical Communications</i> , 1999, , 1913-1914.	4.1	38
228	Stereoselective Synthesis of Fused Bicyclic β -Lactams through Radical Cyclization of Enyne-2-azetidinones. <i>Journal of Organic Chemistry</i> , 1999, 64, 5377-5387.	3.2	41
229	A Three-Step General Synthesis of 2-Azetidinones Bearing N-Dehydroamino Acid Side Chains. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 2913-2921.	2.4	11
230	A New Radical Route to C4-Unsubstituted β -Lactams. <i>Tetrahedron Letters</i> , 1998, 39, 163-166.	1.4	24
231	New fragmentation and rearrangement reactions of the azetidine ring promoted by AlEt ₂ Cl. <i>Tetrahedron Letters</i> , 1998, 39, 467-470.	1.4	17
232	The use of aqueous dimethylamine as reagent for the regiospecific C4-epimerization of cis-3-substituted 4-formyl-2-azetidinones. <i>Tetrahedron Letters</i> , 1998, 39, 5865-5866.	1.4	6
233	New intramolecular cyclization and rearrangement processes based on the radical aryl-aryl coupling of arylsubstituted 2-azetidinones. <i>Tetrahedron Letters</i> , 1998, 39, 6589-6592.	1.4	36
234	Alkyne-CO ₂ (CO) ₆ Complexes in the Synthesis of Fused Tricyclic β -Lactam and Azetidine Systems. <i>Journal of Organic Chemistry</i> , 1998, 63, 6786-6796.	3.2	55

#	ARTICLE	IF	CITATIONS
235	Synthesis of Optically Pure 2-Azetidinones Having N-Dehydroamino Acid Side-Chains. <i>Synlett</i> , 1998, 1998, 416-418.	1.8	4
236	A Three-Step General Synthesis of 2-Azetidinones Bearing N-Dehydroamino Acid Side Chains. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 2913-2921.	2.4	1
237	C ₄ ,C ₄ -Bis-β-lactam to Fused Bis-β-lactam Rearrangement. <i>Journal of Organic Chemistry</i> , 1996, 61, 9156-9163.	3.2	40
238	The Intramolecular Aldol Condensation Route to Fused Bi- and Tricyclic β-Lactams ^{1,2} . <i>Journal of Organic Chemistry</i> , 1996, 61, 7125-7132.	3.2	26
239	Stereoselective Synthesis of 3-Substituted 4-(Formyloxy)-2-azetidiones by the Unusual Baeyer-Villiger Reaction of β-Lactam Aldehydes. Scope and Synthetic Applications. <i>Journal of Organic Chemistry</i> , 1996, 61, 8819-8825.	3.2	32
240	Synthesis of 2-Acyloxy Ethers by Reaction of Chromium (Fischer) Carbene Complexes and Stabilized Sulfur Ylides ¹ . <i>Organometallics</i> , 1996, 15, 4612-4617.	2.3	17
241	Reactions of stabilized sulfur ylides with α,β-unsaturated alkoxychromiumcarbene complexes. <i>Tetrahedron</i> , 1996, 52, 13215-13226.	1.9	16
242	Synthesis of fused tricyclic β-lactams by the Pauson-Khand cyclization of enyne-2-azetidiones. <i>Tetrahedron Letters</i> , 1996, 37, 6901-6904.	1.4	19
243	The asymmetric synthesis of 2,3-benzocarbapenems by intramolecular aryl radical cyclizations. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 2203-2206.	1.8	20
244	The asymmetric synthesis of novel tin-functionalized carbapenam systems through radical cyclization of enyne β-lactams. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 1055-1058.	1.8	12
245	The unusual Baeyer-Villiger rearrangement of β-lactam aldehydes: Totally stereoselective entry to cis-3-substituted 4-formyloxy-2-azetidiones. <i>Tetrahedron Letters</i> , 1995, 36, 3401-3404.	1.4	13
246	Chromium(0) Carbene Complexes Bearing Imino Tethers: Synthesis and Photochemical Reactivity. <i>Journal of the American Chemical Society</i> , 1995, 117, 5604-5605.	13.7	20
247	Stereoselective Synthesis of Vinyl Ethers by the Reaction of N-(Arylidene(or) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 Td (all	3.2	14
248	The regio- and stereocontrolled ring opening of heteroarylglycidates with nitrogen nucleophiles. <i>Tetrahedron Letters</i> , 1995, 36, 5417-5420.	1.4	4
249	The uncatalyzed alcoholysis of furyl-2-oxirane. A mechanistic study based on kinetic data. <i>Tetrahedron</i> , 1994, 50, 5555-5560.	1.9	5
250	Synthesis of α-hydroxy acid derivatives by the photochemical reaction of O-silylchromium(0) carbene complexes and nucleophiles. <i>Inorganica Chimica Acta</i> , 1994, 222, 261-266.	2.4	5
251	2,3-Diaza-1,3-dienes (Azines) as Substrates for the Staudinger Reaction. Synthesis and Reactivity of N-Imino-β-lactams. <i>Journal of Organic Chemistry</i> , 1994, 59, 8003-8010.	3.2	17
252	Hexacarbonyl dicobalt complexed N-pro-2-ynyl-2-azetidiones: a new entry to N-unsubstituted β-lactams through a Nicholas-type reaction. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 587-588.	2.0	23

#	ARTICLE	IF	CITATIONS
253	Chromium Carbenes as Substrates in Cyclopropanation Reactions: 1,4- vs 1,2-Addition in the Reaction of Sulfur Ylides and .alpha.,.beta.-Unsaturated Alkoxychromium(0) Carbenes. <i>Organometallics</i> , 1994, 13, 2934-2936.	2.3	11
254	Iminodithiocarbonates as Formaldehyde Imine Equivalents: Sequential Two Step Approach to 4-Unsubstituted .beta.-Lactams through Chromium(0) Carbene Photocycloaddition-Nickel Boride Desulfurization. <i>Journal of Organic Chemistry</i> , 1994, 59, 7934-7936.	3.2	24
255	Preparation of .alpha.-Methylene and .alpha.-Ethylidene .beta.-Lactams via the Ester Enolate-Imine Condensation Using .beta.-(Dialkylamino) Esters as Starting Materials: Scope and Synthetic Applications. <i>Journal of Organic Chemistry</i> , 1994, 59, 7994-8002.	3.2	32
256	1,3-iminoketones as new synthons for the stereocontrolled preparation of useful carbapenem intermediates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1993, 3, 2369-2374.	2.2	5
257	Reaction of chromium (Fischer) carbenes and sulfilimines. <i>Journal of Organic Chemistry</i> , 1993, 58, 3886-3894.	3.2	18
258	New reactivity patterns of the .beta.-lactam ring: tandem C3-C4 bond breakage-rearrangement of 4-acyl- or 4-imino-3,3-dimethoxy-2-azetidiones promoted by stannous chloride (SnCl ₂ ·2H ₂ O). <i>Journal of Organic Chemistry</i> , 1993, 58, 4767-4770.	3.2	28
259	A novel fragmentation of the .beta.-lactam ring: stereoselective entry to vinyl ethers by reaction of N-(arylidene(or alkylidene)amino)-2-azetidiones with ozone. <i>Journal of Organic Chemistry</i> , 1993, 58, 297-298.	3.2	16
260	Reaction of .alpha.-diketones with 2-amino alcohols. Intramolecular competitive 6-exo-trig vs 5-endo-trig processes. A systematic and kinetic study. <i>Journal of Organic Chemistry</i> , 1992, 57, 2446-2454.	3.2	22
261	Stereoselective preparation of mono- and bis-.beta.-lactams by the 1,4-diaza-1,3-diene - acid chloride condensation: scope and synthetic applications. <i>Journal of Organic Chemistry</i> , 1992, 57, 5921-5931.	3.2	88
262	Thermal and photochemical reactions of chromium carbenes and sulfur ylides: an efficient entry to functionalized vinyl ethers. <i>Organometallics</i> , 1992, 11, 1979-1981.	2.3	20
263	Chromium-carbene-mediated synthesis of 4-oxo .beta.-lactams (malonimides) and malonic acid derivatives. <i>Journal of Organic Chemistry</i> , 1992, 57, 447-451.	3.2	27
264	Regioselective, uncatalyzed additions of alcohols and carboxylic acids to 2-furyloxirane. Synthetic applications.. <i>Tetrahedron</i> , 1992, 48, 9719-9724.	1.9	7
265	Stereoelectronic effects in the conformational behavior and ring formation of some N,Nâ€²-dimethyl- and N,Nâ€²-diacetyl- 1,5-dioxo-4,8-diazadecalins.. <i>Tetrahedron</i> , 1992, 48, 2715-2728.	1.9	9
266	The uncatalyzed ring opening of hetaryloxides with nitrogen nucleophiles. A dichotomy of regioselectivity.. <i>Tetrahedron Letters</i> , 1992, 33, 7413-7416.	1.4	11
267	A new approach to N-aryl- and N-(2-heteroaryl)imidates from chromium carbenes and sulfilimines. <i>Organometallics</i> , 1991, 10, 11-12.	2.3	14
268	A novel, general, totally stereoselective one-pot synthesis of cis-3-substituted 4-formylazetidion-2-ones. <i>Tetrahedron Letters</i> , 1991, 32, 803-806.	1.4	32
269	Anomalous Behaviour in Some Nucleophilic Ring Opening of Furyl-2-oxirane. <i>Heterocycles</i> , 1990, 31, 1997.	0.7	17
270	A novel synthetic approach to $\hat{\pm}$ -alkylidene- $\hat{\pm}$ -lactams. <i>Tetrahedron Letters</i> , 1990, 31, 2493-2496.	1.4	21

#	ARTICLE	IF	CITATIONS
271	Anatomy of a three species tautomeric process: The ring-chain tautomerism in 5,6-dihydro-2-hydroxy-2,3-dimethyl-2H-1,4-oxazine. <i>Tetrahedron Letters</i> , 1990, 31, 4211-4214.	1.4	8
272	Regiocontrolled nucleophilic addition to the carbonyl and imino groups in the reaction of 2-arylamino-2-methoxy-1-phenylethanones with simple lithium ester enolates. <i>Tetrahedron</i> , 1990, 46, 6799-6820.	1.9	6
273	Reaction of N-trimethylsilyl benzil monoimine with simple lithium ester enolates. A synthetic tool for the regioselective one-pot preparation of novel polyfunctional pyrrolines. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1990, , 2451-2457.	0.9	2
274	One-pot synthesis of N-(2-heteroaryl)- α -amino esters by the regioselective 2-N-(α -alkoxycarbonyl)alkylation of 2-aminoazines and -azoles with glyoxals and alcohols promoted by perchloric acid. <i>Journal of Organic Chemistry</i> , 1990, 55, 3143-3147.	3.2	12
275	Synthesis of novel functionalized monocyclic 2-azetidiones from N,N'-diaryl- β -diimines and lithium ester enolates. <i>Tetrahedron</i> , 1989, 45, 2751-2762.	1.9	26
276	The reaction of β -diketones with primary heteroaromatic amines. Synthesis and reactions of imidazo[1,2-a]pyridin-3(2H)-ones and N-heteroaryl β -iminoketones. <i>Tetrahedron</i> , 1989, 45, 6841-6856.	1.9	10
277	Reaction of arylglyoxals with 2-amino heterocycles. <i>Journal of Organic Chemistry</i> , 1989, 54, 5763-5768.	3.2	18
278	Synthesis and Reactions of Novel Substituted 3-Hydroxy-5-iminoalkanoic Esters. <i>Synthesis</i> , 1988, 1988, 440-444.	2.3	5
279	Novel Mechanistic Aspects of the 4-Acyl- β -lactam Formation from 1,2-iminoketones. <i>Heterocycles</i> , 1988, 27, 1317.	0.7	4
280	Orbital control in the 1,3-dipolar cycloaddition of benzonitrile oxide to benzylideneanilines. <i>Canadian Journal of Chemistry</i> , 1987, 65, 2050-2056.	1.1	9
281	Ring Expansion of 4-Benzoyl- β -lactams. <i>Heterocycles</i> , 1987, 26, 1461.	0.7	19
282	Configurational assignment to N-(1-phenylalkyl)-substituted 2-amino-1,2-diphenylethanols. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1986, , 93-97.	0.9	1
283	Stereochemistry of imino-group reduction. Part 6. Stereochemistry of reduction of 1,2-imino ketones having a pre-existing chiral centre. Synthesis of amino alcohols with three chiral centres. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1986, , 99-103.	0.9	6
284	Reaction of β -diketones with ethanolamine. <i>Tetrahedron Letters</i> , 1986, 27, 1381-1384.	1.4	11
285	On the reaction of phenylglyoxal with 2-aminopyridine. <i>Tetrahedron Letters</i> , 1986, 27, 1627-1630.	1.4	18
286	Revision of the structure of a reaction product from butanedione and ethanolamine. <i>Tetrahedron Letters</i> , 1986, 27, 4217-4218.	1.4	11
287	Regiocontrolled addition in the reaction of β -(β -methoxyphenacyl)anilines with methyl lithiobutyrate. <i>Tetrahedron Letters</i> , 1986, 27, 5129-5132.	1.4	6
288	A Novel Synthesis of Benzo-1,4-dithiene. <i>Heterocycles</i> , 1986, 24, 141.	0.7	5

#	ARTICLE	IF	CITATIONS
289	Highly Stereoselective Synthesis of cis- and trans-4-Benzoyl-2-oxozetidines. <i>Heterocycles</i> , 1986, 24, 1579.	0.7	32
290	Stéréochimie de la réduction des α -iminocétones. Étude de l'effet des substituants par une approche quantitative des facteurs gouvernant la stéréosélectivité. <i>Canadian Journal of Chemistry</i> , 1985, 63, 2241-2244.	1.1	2
291	The reaction of benzil and 2-aminopyridine. A correction. <i>Tetrahedron Letters</i> , 1985, 26, 247-248.	1.4	8
292	Synthesis and reactions of novel substituted α -hydroxy- α -imino esters. <i>Tetrahedron Letters</i> , 1985, 26, 4403-4406.	1.4	11
293	Synthesis of 4-substituted 5,6-diphenylmorpholine-2,3-diones with two or three chiral centers. <i>Journal of Heterocyclic Chemistry</i> , 1985, 22, 289-291.	2.6	3
294	Reduction of the benzoyl group in substituted 5-benzoyl-4,5-dihydro-1,2,4-oxadiazoles. <i>Journal of Heterocyclic Chemistry</i> , 1984, 21, 919-921.	2.6	1
295	Stereochemistry of imino-group reduction. Part 3. The hydride reduction of achiral benzil monoimines. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1983, , 1649-1653.	0.9	14
296	Polycyclic analogues of trans-decalones. Part 6. Synthesis, optical resolution and circular dichroism of trans-transoid-trans-perhydrophenanthren-1-one and trans-transoid-trans-perhydrophenanthren-2-one. <i>Journal of the Chemical Society Perkin Transactions I</i> , 1983, , 1665-1671.	0.9	6
297	Synthesis of 5-Acyl-3,4-diaryl-4,5-dihydro-1,2,4-oxadiazoles. <i>Synthesis</i> , 1983, 1983, 486-488.	2.3	2
298	A Simple Synthesis of 4-Acyl-2-oxoazetidines. <i>Synthesis</i> , 1982, 1982, 989-990.	2.3	19
299	Polycyclic analogues of trans-decalones. Part 5. Synthesis, optical resolution and circular dichroism of trans-transoid-trans-perhydrophenanthren-3-one and trans-transoid-trans-perhydrophenanthren-9-one. <i>Journal of the Chemical Society Perkin Transactions I</i> , 1982, , 2117-2122.	0.9	5
300	SYNTHESIS OF α -AMINOKETONES BY CATALYTIC HYDROGENATION OF BENZILMONOIMINES. <i>Organic Preparations and Procedures International</i> , 1982, 14, 220-224.	1.3	1
301	Stereospecific synthesis of <i>N</i> -(1-phenylethyl)-2,4,5-triphenyloxazolidines. <i>Journal of Heterocyclic Chemistry</i> , 1982, 19, 45-48.	2.6	6
302	Uncatalyzed addition of alcohols and amines to the C=O bond of the monoimine from benzil and 2-aminopyridine. <i>Tetrahedron Letters</i> , 1982, 23, 5585-5586.	1.4	4
303	The stereoselective reduction of α -aminodeoxybenzoin derivatives with sodium borohydride. <i>Tetrahedron Letters</i> , 1982, 23, 2033-2036.	1.4	4
304	Stereochemistry of imino group reduction. 2. Synthesis and assignment of configuration of some <i>N</i> -(1-phenylethyl)-1,2-diaryl-2-aminoethanols. <i>Journal of Organic Chemistry</i> , 1981, 46, 3234-3238.	3.2	16
305	Polycyclic analogues of trans-decalones. Part 4. Synthesis, optical resolution, and circular dichroism of trans-anti-trans-perhydrophenanthren-4-one. <i>Journal of the Chemical Society Perkin Transactions I</i> , 1981, , 2250-2252.	0.9	3