Benito Alcaide

List of Publications by Year
in descending order

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304	9,841	38660 50	62479 80
papers	citations	h-index	g-index

407	407	407	4996
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oxidative selenofunctionalization of allenes: convenient access to 2-(phenylselanyl)-but-2-enals and 4-oxo-3-(phenylselanyl)pent-2-enoates. Organic Chemistry Frontiers, 2019, 6, 2447-2451.	2.3	12
2	Convenient Access to 2,3â€Disubstitutedâ€cyclobutâ€2â€enâ€1â€ones under Suzuki Conditions and Their Synthetic Utility. Chemistry - A European Journal, 2019, 25, 7547-7552.	1.7	9
3	Chemoselectivity Switching in the Rhodiumâ€Catalyzed Reactions of 4â€Substitutedâ€1â€sulfonylâ€1,2,3â€triazoles with Allenols: Noticeable Differences between 4â€Acylâ€and 4â€Arylâ€Triazoles. Advanced Synthesis and Catalysis, 2019, 361, 1160-1165.	2.1	9
4	A Facile Synthesis of Blue Luminescent [7]Helicenocarbazoles Based on Goldâ€Catalyzed Rearrangementâ€Iodonium Migration and Suzukiâ€“Miyaura Benzannulation Reactions. Chemistry - A European Journal, 2018, 24, 7620-7625.	1.7	11
5	Divergence in Ynone Reactivity: Atypical Cyclization by 3,4â€Difunctionalization versus Rare Bis(cyclization). Chemistry - A European Journal, 2018, 24, 8186-8194.	1.7	24
6	Gold-catalyzed preparation of annelated 2-azetidinones via divergent heterocyclization of enyne-tethered oxazolidines. Organic Chemistry Frontiers, 2018, 5, 817-821.	2.3	6
7	Goldâ€Catalyzed Divergent Ringâ€Closing Modes of Indoleâ€Tethered Amino Allenynes. Chemistry - A European Journal, 2018, 24, 1448-1454.	1.7	6
8	Transition metal-free controlled synthesis of bis[(trifluoromethyl)sulfonyl]ethyl-decorated heterocycles. Organic Chemistry Frontiers, 2018, 5, 3163-3169.	2.3	8
9	Synthesis and Characterization of Stable Phosphorus Carbabetaines. Chemistry - an Asian Journal, 2018, 13, 1956-1961.	1.7	13
10	Metal-Mediated Synthesis of Nonaromatic Oxacycles From Allenols. , 2018, , 1-31.		0
11	Cationic Au^{III} versus Au^I: Catalystâ€Controlled Divergent Reactivity of Alkyneâ€Tethered Lactams. Chemistry - A European Journal, 2017, 23, 3012-3015.	1.7	13
12	Photoinduced Gold-Catalyzed Domino C(sp) Arylation/Oxyarylation of TMS-Terminated Alkynols with Arenediazonium Salts. Journal of Organic Chemistry, 2017, 82, 2177-2186.	1.7	39
13	Synthesis of Five-Membered Heterocycles Through Î²-Lactam Ring-Expansion Reaction. , 2017, , 163-218.		3
14	Regioselective Synthesis of Heteroatomâ€Functionalized Cyclobuteneâ€triflones and Cyclobutenones. Advanced Synthesis and Catalysis, 2017, 359, 2630-2639.	2.1	23
15	Photopromoted Entry to Benzothiophenes, Benzoselenophenes, 3Hâ€Indoles, Isocoumarins, Benzosultams, and (Thio)flavones by Goldâ€Catalyzed Arylative Heterocyclization of Alkynes. Advanced Synthesis and Catalysis, 2017, 359, 2640-2652.	2.1	56
16	De Novo Synthesis of Î±â€Hydroxy Ketones by Gallic Acidâ€Promoted Aerobic Coupling of Terminal Alkynes with Diazonium Salts. Chemistry - A European Journal, 2017, 23, 17227-17230.	1.7	5
17	Allenols versus Allenones: Rhodiumâ€Catalyzed Regiodivergent and Tunable Allene Reactivity with Triazoles. Chemistry - A European Journal, 2017, 23, 13754-13759.	1.7	11
18	Goldâ€Photoredoxâ€Cocatalyzed Tandem Oxycyclization/Coupling Sequence of Allenols and Diazonium Salts with Visible Light Mediation. Advanced Synthesis and Catalysis, 2017, 359, 2789-2800.	2.1	36

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19	Domino Meyerâ€“Schuster/Arylation Reaction of Alkynols or Alkynyl Hydroperoxides with Diazonium Salts Promoted by Visible Light under Dual Gold and Ruthenium Catalysis. Advanced Synthesis and Catalysis, 2016, 358, 1526-1533.	2.1	71
20	Alleneâ€Based Goldâ€Catalyzed Stereodivergent Synthesis of Azapolycyclic Derivatives of Unusual Structure. Advanced Synthesis and Catalysis, 2016, 358, 1469-1477.	2.1	8
21	Palladium Nanoparticles in Water: A Reusable Catalytic System for the Cycloetherification or Benzannulation of Î±â€Allenols. Advanced Synthesis and Catalysis, 2016, 358, 2000-2006.	2.1	15
22	Direct Metalâ€Free Entry to Aminocyclobutenes or Aminocyclobutenols from Ynamides: Synthetic Applications. Chemistry - A European Journal, 2016, 22, 8998-9005.	1.7	28
23	Iron-catalyzed domino indole fluorination/allenic aza-Claisen rearrangement. Chemical Communications, 2016, 52, 6813-6816.	2.2	19
24	Tunable Metal-Catalyzed Heterocyclization Reactions of Allenic Amino Alcohols: An Experimental and Theoretical Study. Journal of Organic Chemistry, 2016, 81, 7362-7372.	1.7	12
25	Metalâ€Catalyzed Cyclization Reactions of 2,3,4â€Trienâ€1â€ols: A Joint Experimentalâ€“Computational Study. Chemistry - A European Journal, 2016, 22, 11667-11676.	1.7	7
26	Stereoselective synthesis of strained cage compounds via gold-catalyzed allene functionalization. Chemical Communications, 2016, 52, 10265-10268.	2.2	6
27	Metalâ€Free Alleneâ€Based Synthesis of Enantiopure Fused Polycyclic Sultones. Chemistry - A European Journal, 2016, 22, 285-294.	1.7	12
28	Four-Membered Ring Systems. Progress in Heterocyclic Chemistry, 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. ACS Catalysis, 2015, 5, 3417-3421.	5.5	32
30	Unveiling the uncatalyzed reaction of alkynes with 1,2-dipoles for the room temperature synthesis of cyclobutenes. Chemical Communications, 2015, 51, 3395-3398.	2.2	35
31	Acidâ€Catalyzed Synthesis of Î±,Î²â€Disubstituted Conjugated Enones by a Meyerâ€“Schusterâ€Type Rearrangement in Allenols. Advanced Synthesis and Catalysis, 2015, 357, 1070-1078.	2.1	8
32	Ring Expansions of Î²-Lactams and Î²-(thio)lactones. Topics in Heterocyclic Chemistry, 2015, , 233-280.	0.2	1
33	Gold-Catalyzed Reactivity Reversal of Indolizidinone-Tethered Î²-Amino Allenes Controlled by the Stereochemistry. ACS Catalysis, 2015, 5, 4842-4845.	5.5	23
34	An Alternative to Precious Metals: Hg(ClO₄)₂Â·3H₂O as a Cheap and Water-Tolerant Catalyst for the Cycloisomerization of Allenols. Journal of Organic Chemistry, 2015, 80, 7050-7057.	1.7	17
35	Gold as Catalyst for the Hydroarylation and Domino Hydroarylation/N1â€“C4 Cleavage of Î²-Lactam-Tethered Allenyl Indoles. Journal of Organic Chemistry, 2015, 80, 4650-4660.	1.7	20
36	Metal-free [3+2] cycloaddition of azides with Tf₂Cî€CH₂for the regioselective preparation of elusive 4-(trifluoromethylsulfonyl)-1,2,3-triazoles. Chemical Communications, 2015, 51, 6992-6995.	2.2	25

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37	Gallium-Catalyzed Domino Arylation/Oxycyclization of Allenes with Phenols. Journal of Organic Chemistry, 2015, 80, 4157-4163.	1.7	16
38	A Versatile Synthesis of Î²â€Lactamâ€Fused Oxacycles through the Palladiumâ€Catalyzed Chemoâ€, Regioâ€, and Diastereoselective Cyclization of Allenic Diols. Chemistry - A European Journal, 2015, 21, 2200-2213.	1.7	14
39	Investigation of the Passerini and Ugi reactions in Î²-lactam aldehydes. Synthetic applications. Organic and Biomolecular Chemistry, 2015, 13, 1387-1394.	1.5	11
40	Divergent Reactivity of Homologue orthoâ€Allenylbenzaldehydes Controlled by the Tether Length: Chromone versus Chromene Formation. Chemistry - A European Journal, 2015, 21, 1533-1541.	1.7	15
41	Novel achievements with an old metal: copper-promoted synthesis of four-membered azacycles. RSC Advances, 2014, 4, 1689-1707.	1.7	17
42	Synthesis of Fused Cyclopentenones through Palladiumâ€Catalyzed Cyclization of 2â€Iodoaryl Allenols. Advanced Synthesis and Catalysis, 2014, 356, 1370-1374.	2.1	10
43	A gold-catalysed imineâ€“propargylamine cascade sequence: synthesis of 3-substituted-2,5-dimethylpyrazines and the reaction mechanism. Chemical Communications, 2014, 50, 4567-4570.	2.2	31
44	Gold-Catalyzed Cyclization Reactions of Allenol and Alkynol Derivatives. Accounts of Chemical Research, 2014, 47, 939-952.	7.6	185
45	Four-Membered Ring Systems. Progress in Heterocyclic Chemistry, 2014, , 85-113.	0.5	1
46	Cyclization reactions of bis(allenes) for the synthesis of polycarbo(hetero)cycles. Chemical Society Reviews, 2014, 43, 3106-3135.	18.7	111
47	Gold/Acidâ€Coâ€catalyzed Direct Microwaveâ€Assisted Synthesis of Fused Azaheterocycles from Propargylic Hydroperoxides. Chemistry - A European Journal, 2014, 20, 3384-3393.	1.7	22
48	Progress in allene chemistry. Chemical Society Reviews, 2014, 43, 2886.	18.7	85
49	Microwave-Promoted Synthesis of Bicyclic Azocine-Î²-Lactams from Bis(allenes). Journal of Organic Chemistry, 2014, 79, 7075-7083.	1.7	11
50	Three-Step Metal-Promoted Allene-Based Preparation of Bis(heterocyclic) Cyclophanes from Carbonyl Compounds. Journal of Organic Chemistry, 2014, 79, 6244-6255.	1.7	14
51	Synthesis of Functionalized Azetidines through Chemoselective Zincâ€Catalyzed Reduction of Î²â€Lactams with Silanes. Advanced Synthesis and Catalysis, 2013, 355, 2089-2094.	2.1	17
52	Iodine recycling via 1,3-migration in iodoindoles under metal catalysis. Chemical Communications, 2013, 49, 7779.	2.2	21
53	Controlled Heterocyclization/Crossâ€Coupling Domino Reaction of Î²,Î³â€Allendiols and Î±â€Allenic Esters: Method and Mechanistic Insight for the Preparation of Functionalized Butaâ€1,3â€dienyl Dihydropyrans. Chemistry - A European Journal, 2013, 19, 14233-14244.	1.7	11
54	Platinumâ€Catalyzed Divergent Reactivity of Î±â€Hydroxyallenes: Synthesis of Dihydrofurans and Î±,Î²â€Unsaturated Ketones. Advanced Synthesis and Catalysis, 2013, 355, 2681-2685.	2.1	19

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55	Organocatalyzed Three-Component Ugi and Passerini Reactions of 4-Oxoazetidine-2-carbaldehydes and Azetidine-2,3-diones. Application to the Synthesis of Î³-Lactams and Î³-Lactones. Journal of Organic Chemistry, 2013, 78, 10154-10165.	1.7	32
56	Synthesis of Fused-Î²-Lactams through Selective Gold-Catalyzed Oxycyclization of Dioxolane-Tethered Enynes. Journal of Organic Chemistry, 2013, 78, 8956-8965.	1.7	19
57	Four-Membered Ring Systems. Progress in Heterocyclic Chemistry, 2013, 25, 71-96.	0.5	2
58	Metal-catalyzed rearrangements of 3-allenyl 3-hydroxyindolin-2-ones in the presence of halogenated reagents. Organic and Biomolecular Chemistry, 2013, 11, 1216.	1.5	17
59	Unveiling the Reactivity of Propargylic Hydroperoxides under Gold Catalysis. Journal of the American Chemical Society, 2013, 135, 898-905.	6.6	56
60	Gold-catalysed tuning of reactivity in allenes: 9-endo hydroarylation versus formal 5-exo hydroalkylation. Chemical Communications, 2013, 49, 1282.	2.2	45
61	Carbocyclization versus Oxycyclization on the Metal-Catalyzed Reactions of Oxyallenyl C3-Linked Indoles. Journal of Organic Chemistry, 2013, 78, 6688-6701.	1.7	39
62	Gold-catalyzed oxycyclization of allenic carbamates: expeditious synthesis of 1,3-oxazin-2-ones. Beilstein Journal of Organic Chemistry, 2013, 9, 818-826.	1.3	28
63	Gold-catalyzed bis-cyclization of 1,2-diol- or acetonide-tethered alkynes. Synthesis of ?-lactam-bridged acetals: a combined experimental and theoretical study. Tetrahedron, 2012, 68, 10748-10760.	1.0	19
64	Stereoselective cyanation of 4-formyl and 4-imino-?-lactams: application to the synthesis of polyfunctionalized ?-lactams. Tetrahedron, 2012, 68, 10761-10768.	1.0	20
65	Direct FeX₃-Based Stereocontrolled Access to (Z)-3-Alkenyl-oxindoles from Allenols. Journal of Organic Chemistry, 2012, 77, 11388-11392.	1.7	14
66	Four-Membered Ring Systems. Progress in Heterocyclic Chemistry, 2012, 24, 115-137.	0.5	2
67	Ring Enlargement versus Selenoetherification on the Reaction of Allenyl Oxindoles with Selenenylating Reagents. Journal of Organic Chemistry, 2012, 77, 3549-3556.	1.7	28
68	Direct allenol-based stereocontrolled access to substituted (E)-1,3-enynes. Organic and Biomolecular Chemistry, 2012, 10, 7603.	1.5	16
69	Gold-catalyzed direct cycloketalization of acetonide-tethered alkynes in the presence of water. Tetrahedron, 2012, 68, 9391-9396.	1.0	20
70	Palladium-catalyzed carbocyclizationâ€“cross-coupling reactions of two different allenic moieties: synthesis of 3-(buta-1,3-dienyl) carbazoles and mechanistic insights. Chemical Communications, 2012, 48, 6604.	2.2	26
71	Regio- and Diastereoselective Synthesis of Î²-Lactam-Triazole Hybrids via Passerini/CuAAC Sequence. Journal of Organic Chemistry, 2012, 77, 6917-6928.	1.7	29
72	Diastereoselective Synthesis of Î²â€Lactamâ€“Oxindole Hybrids Through a Threeâ€Component Reaction of Azetidineâ€2,3â€diones, Îºâ€Diazoâ€oxindoles, and Alcohols Catalyzed by [Rh₂(OAc)₄] European Journal of Organic Chemistry, 2012, 2012, 2359-2366.	1.2	42

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73	Scandiumâ€Catalyzed Preparation of Cytotoxic 3â€Functionalized Quinolinâ€2â€ones: Regioselective Ring Enlargement of Isatins or Imino Isatins. ChemPlusChem, 2012, 77, 563-569.	1.3	24
74	Fascinating reactivity in gold catalysis: synthesis of oxetenes through rare 4-exo-dig allene cyclization and infrequent Î²-hydride elimination. Chemical Communications, 2011, 47, 9054.	2.2	76
75	Four-Membered Ring Systems. Progress in Heterocyclic Chemistry, 2011, , 85-107.	0.5	15
76	Four-Membered Ring Systems. Progress in Heterocyclic Chemistry, 2011, 23, 101-125.	0.5	4
77	Gold catalyzed oxycyclizations of alkynols and alkyndiols. Organic and Biomolecular Chemistry, 2011, 9, 4405.	1.5	112
78	Gold-catalyzed heterocyclizations in alkynyl- and allenyl-Î²-lactams. Beilstein Journal of Organic Chemistry, 2011, 7, 622-630.	1.3	29
79	Gold-Catalyzed Cyclizations of Alkynol-Based Compounds: Synthesis of Natural Products and Derivatives. Molecules, 2011, 16, 7815-7843.	1.7	67
80	Allenylâ€Î²â€lactams: versatile scaffolds for the synthesis of heterocycles. Chemical Record, 2011, 11, 311-330.	2.9	55
81	Accessing Skeletal Diversity under Iron Catalysis using Substrate Control: Formation of Pyrroles versus Lactones. Advanced Synthesis and Catalysis, 2011, 353, 585-594.	2.1	41
82	Novel Cyclization Reactions of Aminoallenes. Advanced Synthesis and Catalysis, 2011, 353, 2561-2576.	2.1	79
83	Goldâ€or Palladiumâ€Catalyzed Allene Carbocyclization/Functionalization: Simple and Efficient Synthesis of Carbazoles. Advanced Synthesis and Catalysis, 2011, 353, 1871-1876.	2.1	59
84	Expeditious Entry to Enantiopure Monoâ€and Bis(Tricyclic) Î²â€Lactams by Single or Double [2+2] Cycloaddition of Allenynes. European Journal of Organic Chemistry, 2011, 2011, 364-370.	1.2	21
85	Straightforward Synthesis of Bridged Azaoxa Skeletons: Goldâ€Catalyzed Aminoketalization of Garnerâ€™s Aldehydeâ€Derived Alkynes. Chemistry - A European Journal, 2011, 17, 4968-4971.	1.7	47
86	Controlled Rearrangement of Lactamâ€Tethered Allenols with Brominating Reagents: A Combined Experimental and Theoretical Study on Î±â€versus Î²â€Keto Lactam Formation. Chemistry - A European Journal, 2011, 17, 11559-11566.	1.7	30
87	Striking Alkenol Versus Allenol Reactivity: Metalâ€Catalyzed Chemodifferentiating Oxycyclization of Enallenols. Chemistry - A European Journal, 2011, 17, 15005-15013.	1.7	30
88	Heterocyclization of Allenes Catalyzed by Late Transition Metals: Mechanisms and Regioselectivity. Topics in Current Chemistry, 2011, 302, 183-224.	4.0	19
89	Synthesis of a New Class of C₂â€Symmetrical Biheteroaryls by Ammonium Cerium(IV) Nitrate Mediated Dimerization of 2â€(Furanâ€3â€yl)pyrroles. European Journal of Organic Chemistry, 2010, 2010, 823-826.	1.2	8
90	Indiumâ€Promoted Allylation Reaction of Iminoâ€Isatins in Aqueous Media: Synthesis of Quaternary 3â€Aminooxindoles. European Journal of Organic Chemistry, 2010, 2010, 2845-2848.	1.2	47

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91	Metalâ€Catalyzed Cycloisomerization and Tandem Oxycyclization/Hydroxylation of Alkynols: Synthesis of Nonfused, Spiranic and Fused Oxabicyclic Î²â€Lactams. European Journal of Organic Chemistry, 2010, 2010, 4912-4919.	1.2	25
92	Divergent Reactivity of 2â€Azetidinoneâ€Tethered Allenols with Electrophilic Reagents: Controlled Ring Expansion versus Spirocyclization. Advanced Synthesis and Catalysis, 2010, 352, 621-626.	2.1	45
93	Gold/Acidâ€Cocatalyzed Regiodivergent Preparation of Bridged Ketals via Direct Bisâ€Oxycyclization of Alkynic Acetonides. Advanced Synthesis and Catalysis, 2010, 352, 1277-1283.	2.1	44
94	Ring Expansion versus Cyclization in 4â€Oxoazetidineâ€2â€carbaldehydes Catalyzed by Molecular Iodine: Experimental and Theoretical Study in Concert. Advanced Synthesis and Catalysis, 2010, 352, 1688-1700.	2.1	39
95	Crossâ€Coupling/Cyclization Reactions of Two Different Allenic Moieties. Chemistry - A European Journal, 2010, 16, 5836-5842.	1.7	63
96	Metalâ€Catalyzed Cycloetherification Reactions of Î²,Î³â€and Î³,Î´â€Allendiols: Chemoâ€, Regioâ€, and Stereocontrol in the Synthesis of Oxacycles. Chemistry - A European Journal, 2010, 16, 13243-13252.	1.7	53
97	Novel Aspects on the Preparation of Spirocyclic and Fused Unusual Î²-Lactams. Topics in Heterocyclic Chemistry, 2010, , 1-48.	0.2	17
98	Exploiting [2+2] cycloaddition chemistry: achievements with allenes. Chemical Society Reviews, 2010, 39, 783-816.	18.7	349
99	Chapter 4: Four-Membered Ring Systems. Progress in Heterocyclic Chemistry, 2009, , 74-93.	0.5	4
100	Regioselectivity Control in the Metalâ€Catalyzed Oï£¿C Functionalization of Î³â€Allenols, Partâ€…1: Experimental Study. Chemistry - A European Journal, 2009, 15, 1901-1908.	1.7	61
101	Regioselectivity Control in the Metalâ€Catalyzed Functionalization of Î³â€Allenols, Partâ€…2: Theoretical Study. Chemistry - A European Journal, 2009, 15, 1909-1928.	1.7	41
102	Chemoâ€and Regioselective Palladiumâ€Catalyzed Oxycyclization Reactions of Allendiols: Preparation of Fiveâ€, Sixâ€, and Eightâ€Membered Cycles. Chemistry - A European Journal, 2009, 15, 2496-2499.	1.7	37
103	Synthesis of Spiroheterocycles by Palladiumâ€Catalyzed Domino Cycloisomerization/Crossâ€Coupling of Î±â€Allenols and Baylisâ€“Hillman Acetates. Chemistry - A European Journal, 2009, 15, 3344-3346.	1.7	53
104	Metalâ€Catalyzed Cyclization of Î²â€and Î³â€Allenols Derived from <scp>D</scp>â€Glyceraldehydeâ€”Synthesis of Enantiopure Dihydropyrans and Tetrahydrooxepines: An Experimental and Theoretical Study. Chemistry - A European Journal, 2009, 15, 9127-9138.	1.7	47
105	Generating Complexity from Simplicity: Pdâ€Catalyzed or Cuâ€Promoted Domino Alkyne Homocoupling/Double [2+2] Allenyne Cycloaddition. Chemistry - A European Journal, 2009, 15, 9987-9989.	1.7	35
106	Lewis Acidâ€Assisted Ene Cyclization of 2â€Azetidinoneâ€Tethered Enals: Synthesis of Enantiopure Carbacepham Derivatives. Chemistry - an Asian Journal, 2009, 4, 1604-1611.	1.7	11
107	Grubbsâ€™ Ruthenium-Carbenes Beyond the Metathesis Reaction: Less Conventional Non-Metathetic Utility. Chemical Reviews, 2009, 109, 3817-3858.	23.0	303
108	Chapter 4: Four-Membered Ring Systems. Progress in Heterocyclic Chemistry, 2009, , 94-114.	0.5	2

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109	Rhodium-Catalyzed Synthesis of 3-Hydroxy-Î²-lactams via Oxonium Ylide Generation: Three-Component Reaction between Azetidine-2,3-diones, Ethyl Diazoacetate, and Alcohols. Journal of Organic Chemistry, 2009, 74, 8421-8424.	1.7	30
110	New Regiocontrolled Synthesis of Functionalized Pyrroles from 2â€Azetidinoneâ€Tethered Allenols. Chemistry - A European Journal, 2008, 14, 637-643.	1.7	59
111	Chemodivergence in Alkene/Allene Cycloetherification of Enallenols: Iron versus Noble Metal Catalysis. Chemistry - A European Journal, 2008, 14, 7756-7759.	1.7	53
112	Synthesis of Novel Bis(Î²â€lactam)â€1,3â€diynes by Copperâ€Promoted Homoâ€or Crossâ€Coupling of Alkynylâ€2â€azetidinones. European Journal of Organic Chemistry, 2008, 2008, 1575-1581.	1.2	16
113	Highly Stereoselective Metalâ€Mediated Entry to Functionalized Tetrahydrothiophenes by Barbierâ€Type Carbonylâ€Addition Reactions. European Journal of Organic Chemistry, 2008, 2008, 2628-2634.	1.2	7
114	Indiumâ€Promoted Acyloxyallylation Reaction of Azetidineâ€2,3â€diones in Aqueous Media: A New Route to Densely Functionalized 3â€Substituted 3â€Hydroxyâ€Î²â€lactams. European Journal of Organic Chemistry, 2008, 2008, 4434-4439.	1.2	10
115	Organocatalytic Reactions with Acetaldehyde. Angewandte Chemie - International Edition, 2008, 47, 4632-4634.	7.2	80
116	Pd^{II}â€Catalyzed Domino Heterocyclization/Crossâ€Coupling of Î±â€Allenols and Î±â€Allenic Esters: Efficient Preparation of Functionalized Butaâ€1,3â€dienyl Dihydrofurans. Chemistry - an Asian Journal, 2008, 3, 1140-1145.	1.7	30
117	I2-Catalyzed enantioselective ring expansion of Î²-lactams to Î³-lactams through a novel C3â€“C4 bond cleavage. Direct entry to protected 3,4-dihydroxypyrrolidin-2-one derivatives. Chemical Communications, 2008, , 615-617.	2.2	14
118	Synthesis of Novel Enantiopure 4-Hydroxypipecolic Acid Derivatives with a Bicyclic Î²-Lactam Structure from a Common 3-Azido-4-oxoazetidine-2-carbaldehyde Precursor. Journal of Organic Chemistry, 2008, 73, 1635-1638.	1.7	19
119	Stereoselective NaN3-catalyzed halonitroaldol-type reaction of azetidine-2,3-diones in aqueous media. Organic and Biomolecular Chemistry, 2008, 6, 1635.	1.5	28
120	Chapter 4 Four-membered ring systems. Progress in Heterocyclic Chemistry, 2008, 19, 92-111.	0.5	1
121	Direct Synthesis of Protected Enantiopure 5-Cyano-3,4-dihydroxypyrrolidin-2-ones from Î²-Lactam Aldehydes Catalyzed by Iodine. Synthesis, 2008, 2008, 2835-2839.	1.2	12
122	Four-membered ring systems. Progress in Heterocyclic Chemistry, 2007, , 106-125.	0.5	2
123	Direct organocatalytic synthesis of enantiopure succinimides from Î²-lactam aldehydes through ring expansion promoted by azolium salt precatalysts. Chemical Communications, 2007, , 4788.	2.2	47
124	Carbonyl Allenylation/Free Radical Cyclization Sequence as a New Regio- and Stereocontrolled Access to Bi- and Tricyclic Î²-Lactams. Journal of Organic Chemistry, 2007, 72, 1604-1608.	1.7	42
125	Metalâ€Catalyzed Regiodivergent Cyclization of Î³â€Allenols: Tetrahydrofurans versus Oxepanes. Angewandte Chemie - International Edition, 2007, 46, 6684-6687.	7.2	114
126	Diversity-Oriented Preparation of Enantiopure Spirocyclic 2-Azetidinones from Î±-Oxo-Î²-lactams through Barbier-Type Reactions followed by Metal-Catalyzed Cyclizations. Advanced Synthesis and Catalysis, 2007, 349, 749-758.	2.1	61

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127	Allene Substitution-Controlled Switching of Dimerization to Cycloisomerization in the PdII-Catalyzed Reaction of Terminal Î±-Allenones. European Journal of Organic Chemistry, 2007, 2007, 2844-2849.	1.2	52
128	N1â€“C4 Î²-Lactam Bond Cleavage in the 2-(Trimethylsilyl)thiazole Addition to Î²-Lactam Aldehydes: Asymmetric Synthesis of Spiranic and Tertiary Î±-Alkoxy-Î³-keto Acid Derivatives. European Journal of Organic Chemistry, 2007, 2007, 3707-3710.	1.2	14
129	Organocatalytic direct aldol and nitroaldol reactions between azetidine-2,3-diones and ketones or nitromethane. Tetrahedron, 2007, 63, 3102-3107.	1.0	14
130	Stereocontrolled Access to Orthogonally Protected anti,anti-4-Aminopiperidine-3,5-diols through Chemoselective Reduction of Enantiopure Î²-Lactam Cyanohydrins. Journal of Organic Chemistry, 2007, 72, 7980-7991.	1.7	28
131	Î²-Lactams:â€‰ Versatile Building Blocks for the Stereoselective Synthesis of Non-Î²-Lactam Products. Chemical Reviews, 2007, 107, 4437-4492.	23.0	474
132	Organocatalyzed diastereoselective Henry reaction of enantiopure 4-oxoazetidine-2-carbaldehydes. Arkivoc, 2007, 2007, 285-296.	0.3	0
133	Domino metal-free allene-Î²-lactam-based access to functionalized pyrroles. Chemical Communications, 2006, , 2616-2618.	2.2	35
134	Efficient Entry to Diversely Functionalized Spirocyclic Oxindoles from Isatins through Carbonyl-Addition/Cyclization Reaction Sequences. Journal of Organic Chemistry, 2006, 71, 2346-2351.	1.7	117
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