Benito Alcaide

List of Publications by Year
in descending order

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305	9,841	38742 50	62596 80
papers	citations	h-index	g-index

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

#	Article	IF	Citations
1	Î²-Lactams:â€‰ Versatile Building Blocks for the Stereoselective Synthesis of Non-Î²-Lactam Products. Chemical Reviews, 2007, 107, 4437-4492.	47.7	474
2	Exploiting [2+2] cycloaddition chemistry: achievements with allenes. Chemical Society Reviews, 2010, 39, 783-816.	38.1	349
3	Grubbsâ€™ Ruthenium-Carbenes Beyond the Metathesis Reaction: Less Conventional Non-Metathetic Utility. Chemical Reviews, 2009, 109, 3817-3858.	47.7	303
4	The Direct Catalytic Asymmetric Aldol Reaction. European Journal of Organic Chemistry, 2002, 2002, 1595-1601.	2.4	225
5	β-Lactams as Versatile Synthetic Intermediates for the Preparation of Heterocycles of Biological Interest. Current Medicinal Chemistry, 2004, 11, 1921-1949.	2.4	191
6	Gold-Catalyzed Cyclization Reactions of Allenol and Alkynol Derivatives. Accounts of Chemical Research, 2014, 47, 939-952.	15.6	185
7	4-Oxoazetidine-2-carbaldehydes as useful building blocks in stereocontrolled synthesis. Chemical Society Reviews, 2001, 30, 226-240.	38.1	154
8	Selective Bond Cleavage of the Î²-Lactam Nucleus: Application in Stereocontrolled Synthesis. Synlett, 2002, 2002, 0381-0393.	1.8	139
9	The Direct Catalytic Asymmetric Cross-Aldol Reaction of Aldehydes. Angewandte Chemie - International Edition, 2003, 42, 858-860.	13.8	125
10	Efficient Entry to Diversely Functionalized Spirocyclic Oxindoles from Isatins through Carbonyl-Addition/Cyclization Reaction Sequences. Journal of Organic Chemistry, 2006, 71, 2346-2351.	3.2	117
11	Metalâ€Catalyzed Regiodivergent Cyclization of Î³â€Allenols: Tetrahydrofurans versus Oxepanes. Angewandte Chemie - International Edition, 2007, 46, 6684-6687.	13.8	114
12	Gold catalyzed oxycyclizations of alkynols and alkyndiols. Organic and Biomolecular Chemistry, 2011, 9, 4405.	2.8	112
13	Cyclization reactions of bis(allenes) for the synthesis of polycarbo(hetero)cycles. Chemical Society Reviews, 2014, 43, 3106-3135.	38.1	111
14	A Novel Use of Grubbs' Carbene. Application to the Catalytic Deprotection of Tertiary Allylamines. Organic Letters, 2001, 3, 3781-3784.	4.6	109
15	Non-Metathetic Behavior Patterns of Grubbs' Carbene. Chemistry - A European Journal, 2003, 9, 1258-1262.	3.3	108
16	Additions of Allenyl/Propargyl Organometallic Reagents to 4-Oxoazetidine-2-carbaldehydes: Novel Palladium-Catalyzed Domino Reactions in Allenynes. Chemistry - A European Journal, 2002, 8, 1719-1729.	3.3	97
17	Reaction of Two Different Î±-Allenols in a Heterocyclization/Cross-Coupling Sequence: Convenient Access to Functionalized Buta-1,3-dienyl Dihydrofurans. Angewandte Chemie - International Edition, 2006, 45, 4501-4504.	13.8	96
18	The Allenic Pausonâ€“Khand Reaction in Synthesis. European Journal of Organic Chemistry, 2004, 2004, 3377-3383.	2.4	89

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19	Stereoselective preparation of mono- and bis-.beta.-lactams by the 1,4-diaza-1,3-diene - acid chloride condensation: scope and synthetic applications. Journal of Organic Chemistry, 1992, 57, 5921-5931.	3.2	88
20	Progress in allene chemistry. Chemical Society Reviews, 2014, 43, 2886.	38.1	85
21	Proline-Catalyzed Diastereoselective Direct Aldol Reaction between 4-Oxoazetidine-2-carbaldehydes and Ketones. Journal of Organic Chemistry, 2006, 71, 4818-4822.	3.2	82
22	Organocatalytic Reactions with Acetaldehyde. Angewandte Chemie - International Edition, 2008, 47, 4632-4634.	13.8	80
23	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
24	Pd-Cu Bimetallic Catalyzed Domino Cyclization of Î±-Allenols Followed by a Coupling Reaction: New Sequence Leading to Functionalized Spirolactams. Chemistry - A European Journal, 2005, 11, 5708-5712.	3.3	79
25	Novel Cyclization Reactions of Aminoallenes. Advanced Synthesis and Catalysis, 2011, 353, 2561-2576.	4.3	79
26	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.	4.1	76
27	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-Î²-lactams. Journal of Organic Chemistry, 2001, 66, 5208-5216.	3.2	74
28	Organocatalytic Ring Expansion of Î²-Lactams to Î³-Lactams through a Novel N1â^'C4 Bond Cleavage. Direct Synthesis of Enantiopure Succinimide Derivatives. Organic Letters, 2005, 7, 3981-3984.	4.6	73
29	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.	4.3	71
30	Straightforward Asymmetric Entry to Highly Functionalized Medium-Sized Rings Fused to Î²-Lactams via Chemo- and Stereocontrolled Divergent Radical Cyclization of Baylisâ^'Hillman Adducts Derived from 4-Oxoazetidine-2-carbaldehydesâ€. Journal of Organic Chemistry, 2001, 66, 1612-1620.	3.2	69
31	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. Journal of Organic Chemistry, 2005, 70, 3198-3204.	3.2	69
32	Gold-Catalyzed Cyclizations of Alkynol-Based Compounds: Synthesis of Natural Products and Derivatives. Molecules, 2011, 16, 7815-7843.	3.8	67
33	Synthesis of Strained Tricyclic Î²-Lactams by Intramolecular [2+2] Cycloaddition Reactions of 2-Azetidinone-Tethered Enallenols: Control of Regioselectivity by Selective Alkene Substitution. Chemistry - A European Journal, 2006, 12, 1539-1546.	3.3	63
34	A Practical Ruthenium-Catalyzed Cleavage of the Allyl Protecting Group in Amides, Lactams, Imides, and Congeners. Chemistry - A European Journal, 2006, 12, 2874-2879.	3.3	63
35	Crossâ€Coupling/Cyclization Reactions of Two Different Allenic Moieties. Chemistry - A European Journal, 2010, 16, 5836-5842.	3.3	63
36	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.	4.3	61

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37	Regioselectivity Control in the Metalâ€Catalyzed Oï£¿C Functionalization of Î³â€Allenols, Partâ€...1: Experimental Study. Chemistry - A European Journal, 2009, 15, 1901-1908.	3.3	61
38	Efficient Entry to Highly Functionalized Î²-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
39	New Regiocontrolled Synthesis of Functionalized Pyrroles from 2â€Azetidinoneâ€Tethered Allenols. Chemistry - A European Journal, 2008, 14, 637-643.	3.3	59
40	Goldâ€•or Palladiumâ€Catalyzed Allene Carbocyclization/Functionalization: Simple and Efficient Synthesis of Carbazoles. Advanced Synthesis and Catalysis, 2011, 353, 1871-1876.	4.3	59
41	Recent Advances in the Stereocontrolled Synthesis of Bi- and Tricyclic-β-Lactams with Non-Classical Structure. Current Organic Chemistry, 2002, 6, 245-264.	1.6	57
42	Structurally Novel Bi- and Tricyclic Î²-Lactams via [2 + 2] Cycloaddition or Radical Reactions in 2-Azetidinone-Tethered Enallenes and Allenynes. Organic Letters, 2003, 5, 3795-3798.	4.6	57
43	Synthesis of Optically Pure Highly Functionalized Î³-Lactams via 2-Azetidinone-Tethered Iminophosphoranes. Journal of Organic Chemistry, 2004, 69, 993-996.	3.2	57
44	Unveiling the Reactivity of Propargylic Hydroperoxides under Gold Catalysis. Journal of the American Chemical Society, 2013, 135, 898-905.	13.7	56
45	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.	4.3	56
46	Alkyneâ"Co2(CO)6Complexes in the Synthesis of Fused Tricyclic Î²-Lactam and Azetidine Systemsâ€,1. Journal of Organic Chemistry, 1998, 63, 6786-6796.	3.2	55
47	Allenylâ€Î²â€lactams: versatile scaffolds for the synthesis of heterocycles. Chemical Record, 2011, 11, 311-330.	5.8	55
48	Regio- and Stereocontrolled Metal-Mediated Carbonyl Propargylation or Allenylation of Enantiomerically Pure Azetidine-2,3-diones:â€‰ Synthesis of Highly Functionalized 3-Substituted 3-Hydroxy-Î²-lactams. Organic Letters, 2000, 2, 1411-1414.	4.6	53
49	Chemodivergence in Alkene/Allene Cycloetherification of Enallenols: Iron versus Noble Metal Catalysis. Chemistry - A European Journal, 2008, 14, 7756-7759.	3.3	53
50	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.	3.3	53
51	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.	3.3	53
52	Novel Diethylaluminum Chloride Promoted Reactions of the Azetidine Ring:Â Efficient and Stereocontrolled Entry to Functionalized Olefins, Pyrrolidines, and Pyrroles. Journal of Organic Chemistry, 1999, 64, 9596-9604.	3.2	52
53	Base-Promoted Isomerization ofcis-4-Formyl-2-azetidinones:Â ChemoselectiveC4-Epimerization vs Rearrangement to Cyclic Enaminones. Journal of Organic Chemistry, 2000, 65, 3453-3459.	3.2	52
54	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.	2.4	52

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55	Useful Dielsâ€“Alder Behavior of 2-Azetidinone-Tethered Aryl Imines as Azadienophiles or Azadienes: A -Lactam-Based Stereocontrolled Access to Optically Pure Highly Functionalized Indolizidine Systems. Chemistry - A European Journal, 2003, 9, 3415-3426.	3.3	51
56	Stereoselective Allylation of 4-Oxoazetidine-2-carbaldehydes. Application to the Stereocontrolled Synthesis of Fused Tricyclic Î²-Lactams via Intramolecular Dielsâ˜Alder Reaction of 2-Azetidinone-Tethered Trienesâ€. Journal of Organic Chemistry, 2000, 65, 3310-3321.	3.2	50
57	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. Journal of Organic Chemistry, 2001, 66, 1351-1358.	3.2	47
58	Direct organocatalytic synthesis of enantiopure succinimides from Î²-lactam aldehydes through ring expansion promoted by azolium salt precatalysts. Chemical Communications, 2007, , 4788.	4.1	47
59	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.	3.3	47
60	Indiumâ€Promoted Allylation Reaction of Iminoâ€Isatins in Aqueous Media: Synthesis of Quaternary 3â€Aminooxindoles. European Journal of Organic Chemistry, 2010, 2010, 2845-2848.	2.4	47
61	Straightforward Synthesis of Bridged Azaoxa Skeletons: Goldâ€Catalyzed Aminoketalization of Garnerâ€™s Aldehydeâ€Derived Alkynes. Chemistry - A European Journal, 2011, 17, 4968-4971.	3.3	47
62	Novel ruthenium-catalyzed cleavage of allyl protecting group in lactams. Tetrahedron Letters, 2003, 44, 8693-8695.	1.4	46
63	Divergent Reactivity of 2â€Azetidinoneâ€Tethered Allenols with Electrophilic Reagents: Controlled Ring Expansion versus Spirocyclization. Advanced Synthesis and Catalysis, 2010, 352, 621-626.	4.3	45
64	Gold-catalysed tuning of reactivity in allenes: 9-endo hydroarylation versus formal 5-exo hydroalkylation. Chemical Communications, 2013, 49, 1282.	4.1	45
65	Gold/Acidâ€Cocatalyzed Regiodivergent Preparation of Bridged Ketals via Direct Bisâ€Oxycyclization of Alkynic Acetonides. Advanced Synthesis and Catalysis, 2010, 352, 1277-1283.	4.3	44
66	Metal-Mediated Carbonyl-1,3-butadien-2-ylation by 1,4-Bis(methanesulfonyl)-2-butyne or 1,4-Dibromo-2-butyne in Aqueous Media:Â Asymmetric Synthesis of 3-Substituted 3-Hydroxy-Î²-lactams. Journal of Organic Chemistry, 2002, 67, 1925-1928.	3.2	43
67	Stereoselective Synthesis of 1,2,3-Trisubstituted 1,3-Dienes through Novel [3,3]-Sigmatropic Rearrangements in ?-Allenic Methanesulfonates: Application to the Preparation of Fused Tricyclic Systems by Tandem Rearrangement/Diels?Alder Reaction. European Journal of Organic Chemistry, 2005, 2005, 98-106.	2.4	43
68	RECENT PROGRESS IN THE SYNTHESIS AND REACTIVITY OF AZETIDINE-2,3-DIONES. A REVIEW. Organic Preparations and Procedures International, 2001, 33, 315-334.	1.3	42
69	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.	3.2	42
70	Diastereoselective Synthesis of Î²â€Lactamâ€“Oxindole Hybrids Through a Threeâ€Component Reaction of Azetidineâ€2,3â€diones, Î±â€Diazoâ€oxindoles, and Alcohols Catalyzed by [Rh₂(OAc)₄] European Journal of Organic Chemistry, 2012, 2012, 2359-2366.	2.4	42
71	Stereoselective Synthesis of Fused Bicyclic Î²-Lactams through Radical Cyclization of Enyne-2-azetidinones1. Journal of Organic Chemistry, 1999, 64, 5377-5387.	3.2	41
72	Regioselectivity Control in the Metalâ€Catalyzed Functionalization of Î³â€Allenols, Partâ€...2: Theoretical Study. Chemistry - A European Journal, 2009, 15, 1909-1928.	3.3	41

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73	Accessing Skeletal Diversity under Iron Catalysis using Substrate Control: Formation of Pyrroles versus Lactones. Advanced Synthesis and Catalysis, 2011, 353, 585-594.	4.3	41
74	C4,C4â€˜-Bis-Î²-lactam to Fused Bis-Î³-lactam Rearrangement. Journal of Organic Chemistry, 1996, 61, 9156-9163.	3.2	40
75	Novel Carbonyl Bromoallylation/Heck Reaction Sequence. Stereocontrolled Access to Bicyclic Î²-Lactams. Journal of Organic Chemistry, 2005, 70, 2713-2719.	3.2	40
76	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.	4.3	39
77	Carbocyclization versus Oxycyclization on the Metal-Catalyzed Reactions of Oxyallenyl C3-Linked Indoles. Journal of Organic Chemistry, 2013, 78, 6688-6701.	3.2	39
78	Photoinduced Gold-Catalyzed Domino C(sp) Arylation/Oxyarylation of TMS-Terminated Alkynols with Arenediazonium Salts. Journal of Organic Chemistry, 2017, 82, 2177-2186.	3.2	39
79	Diastereoselective Baylisâ€“Hillman reaction of 4-oxoazetidine-2-carbaldehydes: rapid, stereocontrolled and divergent radical synthesis of highly functionalised Î²-lactams fused to medium rings. Chemical Communications, 1999, , 1913-1914.	4.1	38
80	Asymmetric Synthesis of Unusual Fused Tricyclic Î²-Lactam Structures via Aza-Cycloadditions/Ring Closing Metathesis. Journal of Organic Chemistry, 2003, 68, 1426-1432.	3.2	38
81	Metal-assisted synthesis of enantiopure spirocyclic Î²-lactams from azetidine-2,3-diones. Tetrahedron Letters, 2004, 45, 6429-6431.	1.4	38
82	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.	3.3	37
83	New intramolecular cyclization and rearrangement processes based on the radical aryl-aryl coupling of arylsubstituted 2-azetidinones. Tetrahedron Letters, 1998, 39, 6589-6592.	1.4	36
84	Goldâ€Photoredoxâ€Cocatalyzed Tandem Oxycyclization/Coupling Sequence of Allenols and Diazonium Salts with Visible Light Mediation. Advanced Synthesis and Catalysis, 2017, 359, 2789-2800.	4.3	36
85	Straightforward Asymmetric Entry to Highly Functionalized 3-Substituted 3-Hydroxy-Î²-lactams via Baylisâ^'Hillman or Bromoallylation Reactions. Journal of Organic Chemistry, 2004, 69, 826-831.	3.2	35
86	Domino metal-free allene-Î²-lactam-based access to functionalized pyrroles. Chemical Communications, 2006, , 2616-2618.	4.1	35
87	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.	3.3	35
88	Unveiling the uncatalyzed reaction of alkynes with 1,2-dipoles for the room temperature synthesis of cyclobutenes. Chemical Communications, 2015, 51, 3395-3398.	4.1	35
89	A convenient trans-stereoselective synthesis of phenanthridine derived 2-azetidinones using the Staudinger ketene-imine cycloaddition. Tetrahedron Letters, 1999, 40, 2005-2006.	1.4	34
90	A Novel One-Step Approach for the Preparation of Î±-Amino Acids, Î±-Amino Amides, and Dipeptides from Azetidine-2,3-diones. Chemistry - A European Journal, 2002, 8, 3646.	3.3	33

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91	Diastereoselective Route to Novel Fused or Bridged Tricyclic Î²-Lactams through Intramolecular Nitrone-Alkene Cycloaddition of 2-Azetidinone-Tethered Alkenylaldehydes - Synthetic Applications to Carbacephams and Cyclic Î²-Amino Acid Derivatives. European Journal of Organic Chemistry, 2005, 2005, 1680-1693.	2.4	33
92	A novel, general, totally stereoselective one-pot synthesis of cis-3-substituted 4-formylazetidin-2-ones. Tetrahedron Letters, 1991, 32, 803-806.	1.4	32
93	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. Journal of Organic Chemistry, 1994, 59, 7994-8002.	3.2	32
94	Stereoselective Synthesis of 3-Substituted 4-(Formyloxy)-2-azetidinones by the Unusual Baeyerâ^'Villiger Reaction of Î²-Lactam Aldehydes. Scope and Synthetic Applications. Journal of Organic Chemistry, 1996, 61, 8819-8825.	3.2	32
95	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.	3.2	32
96	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.	11.2	32
97	Highly Stereoselective Synthesis of cis- and trans-4-Benzoyl-2-oxozentidines. Heterocycles, 1986, 24, 1579.	0.7	32
98	A gold-catalysed imineâ€“propargylamine cascade sequence: synthesis of 3-substituted-2,5-dimethylpyrazines and the reaction mechanism. Chemical Communications, 2014, 50, 4567-4570.	4.1	31
99	Thermally Induced Isomerization ofcis-1,3,4-Trisubstituted 2-Azetidinones. Journal of Organic Chemistry, 2000, 65, 4453-4455.	3.2	30
100	Novel N1â^'C4 Î²-Lactam Bond Breakage. Synthesis of Enantiopure Î±-Alkoxy-Î³-keto Acid Derivativesâ€. Organic Letters, 2004, 6, 1765-1767.	4.6	30
101	Diastereoselectivity Enhancement in the 1,3-Cycloaddition of Î²-Lactam Aldehydes. Application to the Synthesis of Enantiopure Indolizidinone Amino Esters. Journal of Organic Chemistry, 2005, 70, 8890-8894.	3.2	30
102	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.	3.3	30
103	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.	3.2	30
104	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.	3.3	30
105	Striking Alkenol Versus Allenol Reactivity: Metalâ€Catalyzed Chemodifferentiating Oxycyclization of Enallenols. Chemistry - A European Journal, 2011, 17, 15005-15013.	3.3	30
106	Asymmetric synthesis of densely functionalized 3-substituted 3-hydroxy-Î²-lactams via novel, highly stereoselective Baylis-Hillman and allylation reactions of enantiopure 3-oxo-2-azetidinones. Tetrahedron Letters, 1999, 40, 7537-7540.	1.4	29
107	Gold-catalyzed heterocyclizations in alkynyl- and allenyl-Î²-lactams. Beilstein Journal of Organic Chemistry, 2011, 7, 622-630.	2.2	29
108	Regio- and Diastereoselective Synthesis of Î²-Lactam-Triazole Hybrids via Passerini/CuAAC Sequence. Journal of Organic Chemistry, 2012, 77, 6917-6928.	3.2	29

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109	New reactivity patterns of the .beta.-lactam ring: tandem C3-C4 bond breakage-rearrangement of 4-acyl- or 4-imino-3,3-dimethoxy-2-azetidinones promoted by stannous chloride (SnCl2-2H2O). Journal of Organic Chemistry, 1993, 58, 4767-4770.	3.2	28
110	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.	3.2	28
111	Stereoselective NaN3-catalyzed halonitroaldol-type reaction of azetidine-2,3-diones in aqueous media. Organic and Biomolecular Chemistry, 2008, 6, 1635.	2.8	28
112	Ring Enlargement versus Selenoetherification on the Reaction of Allenyl Oxindoles with Selenenylating Reagents. Journal of Organic Chemistry, 2012, 77, 3549-3556.	3.2	28
113	Gold-catalyzed oxycyclization of allenic carbamates: expeditious synthesis of 1,3-oxazin-2-ones. Beilstein Journal of Organic Chemistry, 2013, 9, 818-826.	2.2	28
114	Direct Metalâ€Free Entry to Aminocyclobutenes or Aminocyclobutenols from Ynamides: Synthetic Applications. Chemistry - A European Journal, 2016, 22, 8998-9005.	3.3	28
115	Chromium-carbene-mediated synthesis of 4-oxo .beta.-lactams (malonimides) and malonic acid derivatives. Journal of Organic Chemistry, 1992, 57, 447-451.	3.2	27
116	Synthesis of novel functionalized monocyclic 2-azetidinones from N,N'-diaryl-Î±-diimines and lithium ester enolates. Tetrahedron, 1989, 45, 2751-2762.	1.9	26
117	The Intramolecular Aldol Condensation Route to Fused Bi- and Tricyclic Î²-Lactams1,2. Journal of Organic Chemistry, 1996, 61, 7125-7132.	3.2	26
118	General and efficient synthesis of Î²-lactams bearing a quinone moiety at N1, C3 or C4 positions. Tetrahedron Letters, 2001, 42, 1503-1505.	1.4	26
119	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.	4.1	26
120	New synthesis of fused tricyclic 2-azetidinones using stereoselective allylation of cis-4-formyl-Î²-lactams and intramolecular Diels-Alder reaction. Tetrahedron Letters, 1999, 40, 1015-1018.	1.4	25
121	Lewis Acid-Promoted Intermolecular Carbonyl-ene Reaction of Enantiopure 4-Oxoazetidine-2-carbaldehydes. Rapid Entry to Novel Fused Polycyclic Î²-Lactams. Journal of Organic Chemistry, 2003, 68, 3106-3111.	3.2	25
122	Synthesis of fused or not Î²-lactam-biaryl hybrids by free radical arylâ€“aryl coupling of 2-azetidinone-tethered haloarenes. Tetrahedron, 2005, 61, 7894-7906.	1.9	25
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