Albert Padwa

List of Publications by Year
in descending order

610 papers	26,288 citations	10373 72 h-index	20943 115 g-index
620 all docs	620 docs citations	620 times ranked	9030 citing authors

#	Article	IF	Citations
1	Cascade Processes of Metallo Carbenoids. Chemical Reviews, 1996, 96, 223-270.	23.0	815
2	Ylide formation from the reaction of carbenes and carbenoids with heteroatom lone pairs. Chemical Reviews, 1991, 91, 263-309.	23.0	690
3	Synthetic applications of furan Diels-Alder chemistry. Tetrahedron, 1997, 53, 14179-14233.	1.0	425
4	The Pummerer Reaction:Â Methodology and Strategy for the Synthesis of Heterocyclic Compounds. Chemical Reviews, 2004, 104, 2401-2432.	23.0	394
5	Domino reactions of rhodium(ii) carbenoids for alkaloid synthesis. Chemical Society Reviews, 2009, 38, 3072.	18.7	392
6	The domino way to heterocycles. Tetrahedron, 2007, 63, 5341-5378.	1.0	384
7	Application of Intramolecular Carbenoid Reactions in Organic Synthesis. Tetrahedron, 1992, 48, 5385-5453.	1.0	356
8	Ligand Effects on the Chemoselectivity of Transition Metal Catalyzed Reactions ofÎ±-Diazo Carbonyl Compounds. Angewandte Chemie International Edition in English, 1994, 33, 1797-1815.	4.4	296
9	Ligand effects on dirhodium(II) carbene reactivities. Highly effective switching between competitive carbenoid transformations. Journal of the American Chemical Society, 1993, 115, 8669-8680.	6.6	276
10	Intramolecular 1,3-Dipolar Cycloaddition Reactions. Angewandte Chemie International Edition in English, 1976, 15, 123-136.	4.4	243
11	Photochemistry of the carbon-nitrogen double bond. Chemical Reviews, 1977, 77, 37-68.	23.0	236
12	The Reaction of Î±-Diazo-Î²-hydroxy Esters with Boron Trifluoride Etherate:Â Generation and Rearrangement of Destabilized Vinyl Cations. A Detailed Experimental and Theoretical Study. Journal of the American Chemical Society, 1996, 118, 1-12.	6.6	174
13	Generation and utilization of carbonyl ylides via the tandem cyclization-cycloaddition method. Accounts of Chemical Research, 1991, 24, 22-28.	7.6	152
14	Application of the Rh(II) Cyclization/Cycloaddition Cascade for the Total Synthesis of (Â±)-Aspidophytine. Organic Letters, 2006, 8, 3275-3278.	2.4	152
15	Positive Halogen Compounds. VI. Effects of Structure and Medium on the Î²-Scission of Alkoxy Radicals. Journal of the American Chemical Society, 1963, 85, 1593-1597.	6.6	148
16	Tandem cyclization-cycloaddition reaction of rhodium carbenoids. Scope and mechanistic details of the process. Journal of the American Chemical Society, 1990, 112, 3100-3109.	6.6	147
17	A Cycloaddition Approach toward the Synthesis of Substituted Indolines and Tetrahydroquinolines. Journal of Organic Chemistry, 1999, 64, 3595-3607.	1.7	143
18	Rhodium(II)-Catalyzed Aziridination of Allyl-Substituted Sulfonamides and Carbamates. Journal of Organic Chemistry, 2004, 69, 6377-6386.	1.7	137

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19	Photochemical transformations of small ring heterocyclic systems. LXV. Intramolecular cycloaddition reactions of vinyl-substituted 2H-azirines. Journal of the American Chemical Society, 1975, 97, 4682-4691.	6.6	136
20	Synthesis of nitrogen-containing polycycles via rhodium(II)-induced cyclization-cycloaddition and insertion reactions of N-(diazoacetoacetyl)amides. Conformational control of reaction selectivity. Journal of Organic Chemistry, 1991, 56, 820-829.	1.7	134
21	Application of the Pummerer Reaction Toward the Synthesis of Complex Carbocycles and Heterocycles. Synthesis, 1997, 1997, 1353-1377.	1.2	134
22	Azirine photochemistry. Accounts of Chemical Research, 1976, 9, 371-378.	7.6	130
23	Use of N-[(trimethylsilyl)methyl]amino ethers as capped azomethine ylide equivalents. Journal of Organic Chemistry, 1987, 52, 235-244.	1.7	127
24	Control of chemoselectivity in catalytic carbenoid reactions. Dirhodium(II) ligand effects on relative reactivities. Journal of the American Chemical Society, 1992, 114, 1874-1876.	6.6	120
25	Catalytic Decomposition of Diazo Compounds as a Method for Generating Carbonyl-Ylide Dipoles. Helvetica Chimica Acta, 2005, 88, 1357-1374.	1.0	120
26	Gold-Catalyzed Cycloisomerization of N-Propargylindole-2-carboxamides: Application toward the Synthesis of Lavendamycin Analogues. Organic Letters, 2008, 10, 3631-3634.	2.4	116
27	Synthesis of the pyrrolidine ring system by radical cyclization. Journal of Organic Chemistry, 1985, 50, 5620-5627.	1.7	113
28	Rhodium-catalyzed ring-opening reaction of cyclopropenes. Control of regioselectivity by the oxidation state of the metal. Journal of Organic Chemistry, 1991, 56, 6971-6972.	1.7	111
29	Ligand Effects in the Rhodium(II)-Catalyzed Reactions of .alpha.-Diazoamides. Oxindole Formation is Promoted by the Use of Rhodium(II) Perfluorocarboxamide Catalysts. Journal of Organic Chemistry, 1994, 59, 2447-2455.	1.7	111
30	Dielsâ^'Alder Reaction of 2-Amino-Substituted Furans as a Method for Preparing Substituted Anilines. Journal of Organic Chemistry, 1997, 62, 4088-4096.	1.7	111
31	An IsomÃ¼nchnone-Based Method for the Synthesis of Highly Substituted 2(1H)-Pyridones. Journal of Organic Chemistry, 1999, 64, 8648-8659.	1.7	111
32	Utilization of the Intramolecular Cycloadditionâ^'Cationic Ï€-Cyclization of an IsomÃ¼nchnone Derivative for the Synthesis of (Â±)-Lycopodine. Journal of Organic Chemistry, 1997, 62, 78-87.	1.7	107
33	Total Synthesis of (Â±)-Strychnine via a [4 + 2]-Cycloaddition/Rearrangement Cascade. Organic Letters, 2007, 9, 279-282.	2.4	107
34	Synthesis of the Pentacyclic Skeleton of the Aspidosperma Alkaloids Using Rhodium Carbenoids as Reactive Intermediates. Journal of Organic Chemistry, 1998, 63, 556-565.	1.7	105
35	Using the Pummerer Cyclizationâ^'Deprotonationâ^'Cycloaddition Cascade of Imidosulfoxides for Alkaloid Synthesis. Journal of Organic Chemistry, 2000, 65, 2368-2378.	1.7	105
36	Rearrangement of alkynyl and vinyl carbenoids via the rhodium(II)-catalyzed cyclization reaction of .alpha.-diazo ketones. Journal of the American Chemical Society, 1993, 115, 2637-2647.	6.6	103

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37	Stereochemical Aspects of the Iodine(III)-Mediated Aziridination Reaction of Some Cyclic Allylic Carbamates. Organic Letters, 2002, 4, 2137-2139.	2.4	103
38	Tandem Cyclization-Cycloaddition Reaction of Rhodium Carbenoids as an Approach to the Aspidosperma Alkaloids. Journal of Organic Chemistry, 1995, 60, 6258-6259.	1.7	102
39	Cycloaddition reactions of pyridinium and related azomethine ylides. Journal of Organic Chemistry, 1993, 58, 1144-1150.	1.7	99
40	Reaction of carbonyl compounds with ethyl lithiodiazoacetate. Studies dealing with the rhodium(II)-catalyzed behavior of the resulting adducts. Journal of Organic Chemistry, 1990, 55, 4144-4153.	1.7	95
41	Total Synthesis of (Â±)-Stenine Using the IMDAF Cycloaddition of a 2-Methylthio-5-amido-substituted Furan. Organic Letters, 2002, 4, 1515-1517.	2.4	94
42	An Approach to Lysergic Acid Utilizing an Intramolecular Isomuenchnone Cycloaddition Pathway. Journal of Organic Chemistry, 1995, 60, 2704-2713.	1.7	93
43	Rhodium(II)-Catalyzed Equilibration of Push-Pull Carbonyl and Ammonium Ylides. A Computationally Based Understanding of the Reaction Pathway. Journal of the American Chemical Society, 2000, 122, 8155-8167.	6.6	93
44	An Approach toward Isoindolobenzazepines Using the Ammonium Ylide/Stevens [1,2]-Rearrangement Sequence. Journal of Organic Chemistry, 2001, 66, 2414-2421.	1.7	93
45	Positive Halogen Compounds. VII. Intramolecular Chlorinations with Long Chain Hypochlorites. Journal of the American Chemical Society, 1963, 85, 1597-1601.	6.6	92
46	Synthesis of Some Members of the Hydroxylated Phenanthridone Subclass of theAmaryllidaceaeAlkaloid Family. Journal of Organic Chemistry, 2007, 72, 2570-2582.	1.7	92
47	Regioselectivity associated with the 1,3-dipolar cycloaddition of nitrones with electron-deficient dipolarophiles. Journal of Organic Chemistry, 1984, 49, 276-281.	1.7	91
48	Rhodium(II)-catalyzed cyclization reactions of alkynyl-substituted .alpha.-diazo ketones. Journal of Organic Chemistry, 1991, 56, 2523-2530.	1.7	91
49	Rhodium(II)-catalyzed cyclization of 2-alkynyl 2-diazo-3-oxobutanoates as a method for synthesizing substituted furans. Journal of Organic Chemistry, 1993, 58, 21-28.	1.7	91
50	Several Convenient Methods for the Synthesis of 2-Amido Substituted Furans. Journal of Organic Chemistry, 2003, 68, 2609-2617.	1.7	91
51	Reactivity patterns in the rhodium carbenoid induced tandem cyclization-cycloaddition reaction. Journal of Organic Chemistry, 1989, 54, 817-824.	1.7	89
52	Recent Advances in the Cycloaddition Chemistry of IsomÃ¼nchnones and ThioisomÃ¼nchnones, an Under-Utilized Class of Mesoionic Compounds. Synthesis, 1994, 1994, 123-141.	1.2	88
53	A New Method for the Formation of Octahydroindole Alkaloids via the Intramolecular Dielsâ^'Alder Reaction of 2-Amidofurans. Journal of Organic Chemistry, 1998, 63, 5304-5305.	1.7	86
54	New Synthetic Route to 2-Pyridones and Its Application toward the Synthesis of (Â±)-Ipalbidineâ€. Journal of Organic Chemistry, 1997, 62, 438-439.	1.7	85

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55	Synthetic application of cyanoaminosilanes as azomethine ylide equivalents. Journal of Organic Chemistry, 1985, 50, 4006-4014.	1.7	84
56	Rhodium(II) acetate induced intramolecular dipolar cycloadditions of o-carboalkoxy-.alpha.-diazoacetophenone derivatives. Journal of the American Chemical Society, 1988, 110, 2894-2900.	6.6	82
57	Tandem cyclization-cycloaddition reaction of rhodium carbenoids. Studies dealing with the geometric requirements of dipole formation. Journal of Organic Chemistry, 1991, 56, 3271-3278.	1.7	82
58	Cycloaddition of nitrones with allenes. An example of steric control of regiochemistry. Journal of Organic Chemistry, 1987, 52, 3909-3917.	1.7	81
59	Application of the Aza-Achmatowicz Oxidative Rearrangement for the Stereoselective Synthesis of theCassiaandProsopisAlkaloid Family. Journal of Organic Chemistry, 2006, 71, 8591-8601.	1.7	79
60	Studies on the Intramolecular Cycloaddition Reaction of Mesoionics Derived from the Rhodium(II)-Catalyzed Cyclization of Diazoimides. Journal of Organic Chemistry, 1994, 59, 1418-1427.	1.7	77
61	A Triple Cascade Sequence as a Strategy for the Construction of the Erythrinane Skeleton. Journal of Organic Chemistry, 1998, 63, 1144-1155.	1.7	77
62	A Flexible Approach toward Trisubstituted Piperidines and Indolizidines:â€‰ Synthesis of 6-epi-Indolizidine 223A. Journal of Organic Chemistry, 2003, 68, 4371-4381.	1.7	77
63	Heterocyclic synthesis via the reaction of nitrones and hydroxylamines with substituted allenes. Journal of Organic Chemistry, 1989, 54, 2862-2869.	1.7	76
64	Synthesis of 1,3-diketones using .alpha.-diazo ketones and aldehydes in the presence of tin(II) chloride. Journal of Organic Chemistry, 1990, 55, 5297-5299.	1.7	76
65	Total Synthesis of (Â±)-Jamtine Using a Thionium/N-Acyliminium Ion Cascade. Organic Letters, 2002, 4, 715-717.	2.4	76
66	Mechanism of the photoreduction of N-Alkylbenzylidenimines. Journal of the American Chemical Society, 1969, 91, 2653-2660.	6.6	75
67	Photochemical transformations of small ring heterocyclic systems. LX. Photochemical ring-opening reactions of substituted chromenes and isochromenes. Journal of Organic Chemistry, 1975, 40, 1142-1149.	1.7	75
68	A One-Pot Bicycloannulation Method for the Synthesis of Tetrahydroisoquinoline Systems. Journal of Organic Chemistry, 2000, 65, 2684-2695.	1.7	75
69	Formal Total Synthesis of (Â±)-Î³-Lycorane and (Â±)-1-Deoxylycorine Using the [4+2]-Cycloaddition/Rearrangement Cascade of Furanyl Carbamates. Journal of Organic Chemistry, 2001, 66, 1716-1724.	1.7	75
70	Gold- and Silver-Mediated Cycloisomerizations of N-Propargylamides. Organic Letters, 2008, 10, 4379-4382.	2.4	75
71	Photochemical syn-anti isomerization about the carbon-nitrogen double bond. Journal of the American Chemical Society, 1974, 96, 4849-4857.	6.6	74
72	Synthetic studies toward Illudins and Ptaquilosin. A highly convergent approach via the dipolar cycloaddition of carbonyl ylides. Journal of the American Chemical Society, 1994, 116, 2667-2668.	6.6	74

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73	A Stable Dirhodium Tetracarboxylate Carbenoid:â€‰Crystal Structure, Bonding Analysis, and Catalysis. Journal of the American Chemical Society, 2001, 123, 11318-11319.	6.6	74
74	General Access to theVincaandTacamanAlkaloids Using a Rh(II)-Catalyzed Cyclization/Cycloaddition Cascade. Journal of Organic Chemistry, 2008, 73, 2792-2802.	1.7	74
75	On the problem of regioselectivity in the 1,3-dipolar cycloaddition reaction of munchnones and sydnones with acetylenic dipolarophiles. Journal of Organic Chemistry, 1982, 47, 786-791.	1.7	73
76	(Phenylsulfonyl)allenes as Substrates for Cycloaddition Reactions: Intramolecular Cyclizations onto Unactivated Alkenes. Journal of the American Chemical Society, 1995, 117, 7071-7080.	6.6	73
77	A General Synthetic Entry to the Pentacyclic Strychnos Alkaloid Family, Using a [4 + 2]-Cycloaddition/Rearrangement Cascade Sequence. Journal of Organic Chemistry, 2008, 73, 3539-3550.	1.7	73
78	Tandem cyclization-cycloaddition reactions of .alpha.-diazoacetophenone derivatives. Journal of Organic Chemistry, 1986, 51, 1157-1158.	1.7	72
79	1,3-Dipolar cycloadditions of nitrones derived from the reaction of acetylenes with hydroxylamines. Journal of Organic Chemistry, 1986, 51, 3125-3133.	1.7	72
80	Cycloadditions. 41. Conversion of unsaturated alcohols into functionalized tetrahydrofurans and tetrahydropyrans via nitrile oxide dipolar cycloadditions. Journal of Organic Chemistry, 1989, 54, 5277-5286.	1.7	72
81	A new phenol synthesis from the rhodium (I) catalyzed reaction of cyclopropenes and alkynes. Journal of the American Chemical Society, 1992, 114, 5881-5882.	6.6	72
82	Ãœbergangsmetallkatalysierte Reaktionen von Î±â€Ðiazocarbonylverbindungen â€“ EinfluÃŸ der Liganden auf die ChemoselektivitÃ¤t. Angewandte Chemie, 1994, 106, 1881-1899.	1.6	72
83	Intramolecular cycloaddition of carbonyl ylides as a strategy for natural product synthesis. Tetrahedron, 2011, 67, 8057-8072.	1.0	72
84	Photochemical transformations of small ring heterocyclic compounds. 9. Intramolecular 1,3-dipolar cycloaddition reactions of alkenyl-subituted nitrile imines. Journal of Organic Chemistry, 1978, 43, 1664-1671.	1.7	71
85	Stereochemistry. 82. Conformation of fused five-membered heterocyclic rings derived from the intramolecular oxime olefin cycloaddition reaction. Journal of Organic Chemistry, 1993, 58, 4539-4546.	1.7	71
86	An Approach toward the Illudin Family of Sesquiterpenes Using the Tandem Cyclizationâ€"Cycloaddition Reaction of Rhodium Carbenoids. Journal of Organic Chemistry, 1997, 62, 1317-1325.	1.7	71
87	Photocycloaddition of arylazirenes with electron-deficient olefins. Journal of the American Chemical Society, 1971, 93, 548-550.	6.6	70
88	Photochemical transformations of small ring heterocyclic compounds. 71. Intramolecular reorganization of some unsaturated 2H-azirines. Journal of Organic Chemistry, 1976, 41, 543-549.	1.7	69
89	IMDAF Cycloaddition as a Method for the Preparation of Pyrrolophenanthridine Alkaloids. Journal of Organic Chemistry, 1998, 63, 3986-3997.	1.7	69
90	Substitution and Cyclization Reactions Involving the Quasi-Antiaromatic 2H-Indol-2-one Ring System. Organic Letters, 2007, 9, 3805-3807.	2.4	69

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91	INTRAMOLECULAR CHLORINATION WITH LONG CHAIN HYPOCHLORITES1. Journal of the American Chemical Society, 1961, 83, 2207-2208.	6.6	68
92	Diastereofacial selectivity in azomethine ylide cycloaddition reactions derived from chiral Î±-cyanoaminosilanes. Tetrahedron, 1985, 41, 3529-3535.	1.0	68
93	Study of the thermal transformation of 5-exo-methyleneisoxazolidines to 3-pyrrolidinones. Journal of Organic Chemistry, 1988, 53, 955-963.	1.7	68
94	Cycloadditions. 46. Thermally induced intramolecular oxime olefin cycloadditions leading to N-bridgehead systems. Stereochemistry and molecular mechanics calculations. Journal of Organic Chemistry, 1991, 56, 2775-2781.	1.7	68
95	Intramolecular Cycloaddition of Isomunchnone Dipoles to Heteroaromatic .pi.-Systems. Journal of Organic Chemistry, 1994, 59, 7072-7084.	1.7	67
96	Cycloaddition Reaction of Mesoionic Betaines as an Approach toward Trialkylindoline Alkaloids. Journal of Organic Chemistry, 1998, 63, 44-54.	1.7	67
97	Studies dealing with the alkylation-[1,3]-rearrangement reaction of some phenylthio-substituted allylic sulfones. Journal of Organic Chemistry, 1990, 55, 955-964.	1.7	66
98	Ligand effects in the rhodium(II) catalysed reactions of diazoamides and diazoimides. Tetrahedron, 1996, 52, 2489-2514.	1.0	66
99	Phenylsulfonyl Eneâ^'Allenes as Efficient Precursors to Bicyclic Systems via Intramolecular [2 + 2]-Cycloaddition Reactions. Journal of Organic Chemistry, 2003, 68, 6238-6250.	1.7	66
100	Transition metal catalyzed ring opening reactions of 2-phenyl-3-vinyl substituted 2H-azirines. Tetrahedron Letters, 2004, 45, 5991-5993.	0.7	64
101	Cycloaddition Methodology: A Useful Entry Towards Biologically Active Heterocycles. Current Organic Chemistry, 2009, 13, 422-447.	0.9	64
102	Synthesis of Functionalized Azomethine Ylides via the Rh(II)-Catalyzed Cyclization of .alpha.-Diazo Carbonyls onto Imino .pi.-Bonds. Journal of Organic Chemistry, 1994, 59, 5347-5357.	1.7	62
103	Application of Furanyl Carbamate Cycloadditions Toward the Synthesis of Hexahydroindolinone Alkaloids. Journal of Organic Chemistry, 2001, 66, 3119-3128.	1.7	62
104	Copper-catalyzed amidations of bromo substituted furans and thiophenes. Tetrahedron Letters, 2002, 43, 7365-7368.	0.7	61
105	Azomethine Ylides. Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2003, , 169-252.	0.0	61
106	Intramolecular [3 + 2]-Cycloaddition Reaction of Pushâ^'Pull Dipoles Across Heteroaromatic Ï€-Systems. Organic Letters, 2004, 6, 3241-3244.	2.4	61
107	A dipolar cycloaddition approach to pyrrolo[1,2-a]indoles using N-[(trimethylsilyl)methyl]-substituted indoles. Journal of Organic Chemistry, 1989, 54, 644-653.	1.7	60
108	Intramolecular cycloaddition of isomÃ¼nchnones derived from the rhodium(II) catalyzed cyclization of diazoimides. Tetrahedron Letters, 1992, 33, 4731-4734.	0.7	60

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109	Nitrile Oxides. Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs, 2003, , 361-472.	0.0	60
110	Studies on the Synthesis of (Â±)-Stenine:Â A Combined Intramolecular [4 + 2]-Cycloaddition/Rearrangement Cascade. Journal of Organic Chemistry, 2005, 70, 5197-5206.	1.7	60
111	Synthesis of substituted Î²-carbolines via gold(III)-catalyzed cycloisomerization of N-propargylamides. Tetrahedron, 2010, 66, 1496-1502.	1.0	60
112	Photochemical transformations of small ring heterocyclic compounds. XLVII. Electronic details of the photocycloaddition of arylazirines. Journal of the American Chemical Society, 1973, 95, 1954-1961.	6.6	59
113	Intramolecular cyclopropanation reaction of furanyl diazo ketones. Journal of Organic Chemistry, 1989, 54, 299-308.	1.7	59
114	Generation of vinylcarbenes by the intramolecular addition of .alpha.-diazo ketones to acetylenes. Journal of Organic Chemistry, 1990, 55, 414-416.	1.7	59
115	Rhodium carbenoid mediated cyclizations of o-alkynyl-substituted .alpha.-diazoacetophenones. Journal of Organic Chemistry, 1992, 57, 4940-4948.	1.7	59
116	Model Studies Directed toward the Total Synthesis of (Â±)-Ribasine. A Tandem Cyclizationâ˜Cycloaddition Route Leading to the Core Skeleton. Journal of Organic Chemistry, 1999, 64, 4079-4088.	1.7	59
117	Intramolecular Dielsâ€“Alder Cycloaddition/Rearrangement Cascade of an Amidofuran Derivative for the Synthesis of (Â±)-Minfiensine. Organic Letters, 2011, 13, 3767-3769.	2.4	59
118	Silver-promoted isomerizations of some cyclopropene derivatives. Journal of the American Chemical Society, 1981, 103, 2404-2405.	6.6	58
119	Generation of azomethine ylides via the desilylation reaction of immonium salts. Journal of Organic Chemistry, 1984, 49, 3314-3322.	1.7	58
120	A comparative study of the decomposition of o-alkynyl-substituted aryl diazo ketones. Synthesis of polysubstituted .beta.-naphthols via arylketene intermediates. Journal of Organic Chemistry, 1993, 58, 6429-6437.	1.7	58
121	Ligand-Induced Selectivity in the Rhodium(II)-Catalyzed Reactions of Î±-Diazo Carbonyl Compoundsâ€. Journal of Organic Chemistry, 1996, 61, 63-72.	1.7	58
122	Cyclization Reactions of Rhodium Carbene Complexes. Effect of Composition and Oxidation State of the Metalâ€. Journal of Organic Chemistry, 1997, 62, 1642-1652.	1.7	58
123	Studies Dealing with Thionium Ion Promoted Mannich Cyclization Reactions. Journal of Organic Chemistry, 2000, 65, 235-244.	1.7	58
124	Heteroaryl Cross-Coupling as an Entry toward the Synthesis of Lavendamycin Analogues: A Model Study. Journal of Organic Chemistry, 2010, 75, 424-433.	1.7	58
125	Peracid oxidation of 4-isoxazolines as a method for the preparation of .alpha.,.beta.-unsaturated carbonyl compounds. Journal of Organic Chemistry, 1988, 53, 2238-2245.	1.7	57
126	Rhodium-carbenoid-induced cycloadditions of substituted 1-diazo-2,5-pentanediones. Journal of Organic Chemistry, 1988, 53, 2875-2877.	1.7	57

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127	Chemoselectivity of rhodium carbenoids. A comparison of the selectivity for Oî—¸H insertion reactions or carbonyl ylide formation versus aliphatic and aromatic Cî—¸H insertion and cyclopropanation. Tetrahedron, 1993, 49, 5109-5126.	1.0	57
128	Generation and Cycloaddition Behavior of Spirocyclic Carbonyl Ylides. Application to the Synthesis of the Pterosin Family of Sesquiterpenesâ€. Journal of Organic Chemistry, 1996, 61, 73-81.	1.7	57
129	Tandem processes of metallo carbenoids for the synthesis of azapolycycles. Topics in Current Chemistry, 1997, , 121-158.	4.0	57
130	Cycloaddition Chemistry of 2-Vinyl-Substituted Indoles and Related Heteroaromatic Systems. Journal of Organic Chemistry, 2005, 70, 2206-2218.	1.7	57
131	Synthesis of the Tetracyclic Framework of the Erythrina Alkaloids Using a [4 + 2]-Cycloaddition/Rh(I)-Catalyzed Cascade of 2-Imidofurans. Journal of Organic Chemistry, 2006, 71, 7391-7402.	1.7	57
132	Synthesis of exo and endo-brevicomin via the rhodium acetate catalyzed cycloaddition reaction of 1-diazo-2,5-hexanedione. Tetrahedron Letters, 1989, 30, 1491-1494.	0.7	56
133	Tandem Pummererâ"Dielsâ"Alder Reaction Sequence. A Novel Cascade Process for the Preparation of 1-Arylnaphthalene Lignansâ€. Journal of Organic Chemistry, 1996, 61, 3706-3714.	1.7	56
134	Reactions of aziridines with dimethylacetylene dicarboxylate. Tetrahedron Letters, 1965, 6, 4363-4367.	0.7	55
135	Photochemical transformations of small ring heterocyclic compounds. 75. Photochemistry of arylazirines in hydroxylic media. Journal of the American Chemical Society, 1976, 98, 2605-2614.	6.6	55
136	Synthesis of pyrrolidines using an Î±-cyanoaminosilane as an azomethine ylide equivalent. Tetrahedron Letters, 1983, 24, 3447-3450.	0.7	55
137	Synthesis of the Angiotensin Converting Enzyme Inhibitor (â")-A58365A via an Cycloaddition Reaction. Organic Letters, 1999, 1, 83-86.	2.4	55
138	A Short Diastereoselective Synthesis of the Putative Alkaloid Jamtine, Using a Tandem Pummerer/Mannich Cyclization Sequence. Journal of Organic Chemistry, 2003, 68, 929-941.	1.7	55
139	Synthesis of (Â±)-3H-Epivincamine via a Rh(II)-Triggered Cyclization/Cycloaddition Cascade. Organic Letters, 2007, 9, 3249-3252.	2.4	55
140	Cycloalkenone formation by the intramolecular addition of a Î±-diazoketone to an acetylenic pi-bond. Tetrahedron Letters, 1989, 30, 2633-2636.	0.7	54
141	[3 + 2] Cyclization-elimination route to cyclopentenyl sulfones using (phenylsulfonyl)-1,2-propadiene. Journal of Organic Chemistry, 1991, 56, 6386-6390.	1.7	54
142	Halo Substituent Effects on Intramolecular Cycloadditions Involving Furanyl Amides. Journal of Organic Chemistry, 2006, 71, 5432-5439.	1.7	54
143	Nitrone cycloaddition. New approach to .beta.-lactams. Journal of the American Chemical Society, 1981, 103, 4974-4975.	6.6	53
144	A [4 + 1] annulation approach to nitrogen heterocycles using 2,3-bis(phenylsulfonyl)-1,3-butadiene and primary amines. Journal of Organic Chemistry, 1990, 55, 4801-4807.	1.7	53

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145	Cycloaddition chemistry of 1,3- and 2,3-bis(phenylsulfonyl)-1,3-dienes with enamines and ynamines. Journal of Organic Chemistry, 1992, 57, 3540-3545.	1.7	53
146	A Chemistry Cascade: From Physical Organic Studies of Alkoxy Radicals to Alkaloid Synthesis. Journal of Organic Chemistry, 2009, 74, 6421-6441.	1.7	53
147	Transmutation of 1,3-dipoles. The conversion of .alpha.-diazo ketones into azomethine ylides via carbonyl ylides. Journal of the American Chemical Society, 1992, 114, 593-601.	6.6	52
148	Intramolecular Oî—¸H insertion reaction of azido substituted diazoesters and its relevance to the mechanism of the allylic azide rearrangement. Tetrahedron Letters, 1997, 38, 5087-5090.	0.7	52
149	Cycloadditionâ^'Rearrangement Sequence of 2-Amido Substituted Furans as a Method of Synthesizing Hexahydroindolinones. Journal of Organic Chemistry, 1999, 64, 4617-4626.	1.7	52
150	Efficient Construction of the Oxatricyclo[6.3.1.00,0]dodecane Core of Komaroviquinone Using a Cyclization/Cycloaddition Cascade of a Rhodium Carbenoid Intermediate. Organic Letters, 2005, 7, 3725-3727.	2.4	52
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