Albert Padwa

List of Publications by Citations

614	22,688	68	108
papers	citations	h-index	g-index
620	24,501	6.5	6.92
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
614	Cascade Processes of Metallo Carbenoids. *Chemical Reviews*, **1996**, 96, 223-270	68.1	748
613	Ylide formation from the reaction of carbenes and carbenoids with heteroatom lone pairs. *Chemical Reviews*, **1991**, 91, 263-309	68.1	617
612	Synthetic applications of furan Diels-Alder chemistry. *Tetrahedron*, **1997**, 53, 14179-14233	2.4	369
611	Domino reactions of rhodium(II) carbenoids for alkaloid synthesis. *Chemical Society Reviews*, **2009**, 38, 3072-81	58.5	352
610	The Domino Way to Heterocycles. *Tetrahedron*, **2007**, 63, 5341-5378	2.4	346
609	The Pummerer reaction: methodology and strategy for the synthesis of heterocyclic compounds. *Chemical Reviews*, **2004**, 104, 2401-32	68.1	334
608	Application of Intramolecular Carbenoid Reactions in Organic Synthesis. *Tetrahedron*, **1992**, 48, 5385-5453	2.4	287
607	Ligand Effects on the Chemoselectivity of Transition Metal Catalyzed Reactions of □-Diazo Carbonyl Compounds. *Angewandte Chemie International Edition in English*, **1994**, 33, 1797-1815		248
606	Ligand effects on dirhodium(II) carbene reactivities. Highly effective switching between competitive carbenoid transformations. *Journal of the American Chemical Society*, **1993**, 115, 8669-8680	16.4	242
605	Intramolecular 1,3-Dipolar Cycloaddition Reactions. *Angewandte Chemie International Edition in English*, **1976**, 15, 123-136		219
604	Photochemistry of the carbon-nitrogen double bond. *Chemical Reviews*, **1977**, 77, 37-68	68.1	204
603	The Reaction of □-Diazo-□hydroxy Esters with Boron Trifluoride Etherate:´ Generation and Rearrangement of Destabilized Vinyl Cations. A Detailed Experimental and Theoretical Study. *Journal of the American Chemical Society*, **1996**, 118, 1-12	16.4	161
602	Application of the Rh(II) cyclization/cycloaddition cascade for the total synthesis of (+/-)-aspidophytine. *Organic Letters*, **2006**, 8, 3275-8	6.2	142
601	A Cycloaddition Approach toward the Synthesis of Substituted Indolines and Tetrahydroquinolines. *Journal of Organic Chemistry*, **1999**, 64, 3595-3607	4.2	131
600	Tandem cyclization-cycloaddition reaction of rhodium carbenoids. Scope and mechanistic details of the process. *Journal of the American Chemical Society*, **1990**, 112, 3100-3109	16.4	131
599	Positive Halogen Compounds. VI. Effects of Structure and Medium on the □Scission of Alkoxy Radicals. *Journal of the American Chemical Society*, **1963**, 85, 1593-1597	16.4	131
598	Generation and utilization of carbonyl ylides via the tandem cyclization-cycloaddition method. *Accounts of Chemical Research*, **1991**, 24, 22-28	24.3	127

597	Application of the Pummerer Reaction Toward the Synthesis of Complex Carbocycles and Heterocycles. *Synthesis*, **1997**, 1997, 1353-1377	2.9	126
596	Rhodium(II)-catalyzed aziridination of allyl-substituted sulfonamides and carbamates. *Journal of Organic Chemistry*, **2004**, 69, 6377-86	4.2	124
595	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	16.4	120
594	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	4.2	117
593	Catalytic Decomposition of Diazo Compounds as a Method for Generating Carbonyl-Ylide Dipoles. *Helvetica Chimica Acta*, **2005**, 88, 1357-1374	2	112
592	Azirine photochemistry. *Accounts of Chemical Research*, **1976**, 9, 371-378	24.3	112
591	Gold-catalyzed cycloisomerization of N-Propargylindole-2-carboxamides: application toward the synthesis of lavendamycin analogues. *Organic Letters*, **2008**, 10, 3631-4	6.2	109
590	Use of N-[(trimethylsilyl)methyl]amino ethers as capped azomethine ylide equivalents. *Journal of Organic Chemistry*, **1987**, 52, 235-244	4.2	108
589	Control of chemoselectivity in catalytic carbenoid reactions. Dirhodium(II) ligand effects on relative reactivities. *Journal of the American Chemical Society*, **1992**, 114, 1874-1876	16.4	102
588	Synthesis of the pyrrolidine ring system by radical cyclization. *Journal of Organic Chemistry*, **1985**, 50, 5620-5627	4.2	102
587	Utilization of the Intramolecular Cycloaddition-Cationic pi-Cyclization of an Isomünchnone Derivative for the Synthesis of (+/-)-Lycopodine. *Journal of Organic Chemistry*, **1997**, 62, 78-87	4.2	100
586	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	4.2	100
585	An Isomünchnone-Based Method for the Synthesis of Highly Substituted 2(1H)-Pyridones. *Journal of Organic Chemistry*, **1999**, 64, 8648-8659	4.2	98
584	Synthesis of the Pentacyclic Skeleton of the Aspidosperma Alkaloids Using Rhodium Carbenoids as Reactive Intermediates. *Journal of Organic Chemistry*, **1998**, 63, 556-565	4.2	97
583	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	4.2	96
582	Diels–Alder Reaction of 2-Amino-Substituted Furans as a Method for Preparing Substituted Anilines. *Journal of Organic Chemistry*, **1997**, 62, 4088-4096	4.2	94
581	Total synthesis of (+/-)-strychnine via a [4 + 2]-cycloaddition/rearrangement cascade. *Organic Letters*, **2007**, 9, 279-82	6.2	94
580	Stereochemical aspects of the iodine(III)-mediated aziridination reaction of some cyclic allylic carbamates. *Organic Letters*, **2002**, 4, 2137-9	6.2	93

579	Using the Pummerer cyclization-deprotonation-cycloaddition cascade of imidosulfoxides for alkaloid synthesis. *Journal of Organic Chemistry*, **2000**, 65, 2368-78	4.2	93
578	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	16.4	92
577	Tandem Cyclization-Cycloaddition Reaction of Rhodium Carbenoids as an Approach to the Aspidosperma Alkaloids. *Journal of Organic Chemistry*, **1995**, 60, 6258-6259	4.2	90
576	Synthesis of some members of the hydroxylated phenanthridone subclass of the Amaryllidaceae alkaloid family. *Journal of Organic Chemistry*, **2007**, 72, 2570-82	4.2	87
575	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	4.2	86
574	Positive Halogen Compounds. VII. Intramolecular Chlorinations with Long Chain Hypochlorites. *Journal of the American Chemical Society*, **1963**, 85, 1597-1601	16.4	86
573	An approach toward isoindolobenzazepines using the ammonium ylide/Stevens. *Journal of Organic Chemistry*, **2001**, 66, 2414-21	4.2	85
572	Total synthesis of (+/-)-stenine using the IMDAF cycloaddition of a 2-methylthio-5-amido-substituted furan. *Organic Letters*, **2002**, 4, 1515-7	6.2	84
571	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	16.4	84
570	Cycloaddition reactions of pyridinium and related azomethine ylides. *Journal of Organic Chemistry*, **1993**, 58, 1144-1150	4.2	84
569	Recent Advances in the Cycloaddition Chemistry of Isomünchnones and Thioisomünchnones, an Under-Utilized Class of Mesoionic Compounds. *Synthesis*, **1994**, 1994, 123-141	2.9	83
568	An Approach to Lysergic Acid Utilizing an Intramolecular Isomuenchnone Cycloaddition Pathway. *Journal of Organic Chemistry*, **1995**, 60, 2704-2713	4.2	81
567	A New Method for the Formation of Octahydroindole Alkaloids via the Intramolecular Diels–Alder Reaction of 2-Amidofurans. *Journal of Organic Chemistry*, **1998**, 63, 5304-5305	4.2	78
566	Rhodium(II)-catalyzed cyclization reactions of alkynyl-substituted .alpha.-diazo ketones. *Journal of Organic Chemistry*, **1991**, 56, 2523-2530	4.2	78
565	New Synthetic Route to 2-Pyridones and Its Application toward the Synthesis of (+/-)-Ipalbidine. *Journal of Organic Chemistry*, **1997**, 62, 438-439	4.2	77
564	Several convenient methods for the synthesis of 2-amido substituted furans. *Journal of Organic Chemistry*, **2003**, 68, 2609-17	4.2	76
563	Reactivity patterns in the rhodium carbenoid induced tandem cyclization-cycloaddition reaction. *Journal of Organic Chemistry*, **1989**, 54, 817-824	4.2	76
562	Application of the aza-Achmatowicz oxidative rearrangement for the stereoselective synthesis of the Cassia and Prosopis alkaloid family. *Journal of Organic Chemistry*, **2006**, 71, 8591-601	4.2	74

561	Regioselectivity associated with the 1,3-dipolar cycloaddition of nitrones with electron-deficient dipolarophiles. *Journal of Organic Chemistry*, **1984**, 49, 276-281	4.2	74
560	Synthetic application of cyanoaminosilanes as azomethine ylide equivalents. *Journal of Organic Chemistry*, **1985**, 50, 4006-4014	4.2	74
559	Total synthesis of (+/-)-jamtine using a thionium/N-acyliminium ion cascade. *Organic Letters*, **2002**, 4, 715-7	6.2	73
558	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	4.2	73
557	Tandem cyclization-cycloaddition reaction of rhodium carbenoids. Studies dealing with the geometric requirements of dipole formation. *Journal of Organic Chemistry*, **1991**, 56, 3271-3278	4.2	73
556	Rhodium(II) acetate induced intramolecular dipolar cycloadditions of o-carboalkoxy-.alpha.-diazoacetophenone derivatives. *Journal of the American Chemical Society*, **1988**, 110, 2894-2900	16.4	72
555	Gold- and silver-mediated cycloisomerizations of N-propargylamides. *Organic Letters*, **2008**, 10, 4379-82	6.2	70
554	General access to the vinca and tacaman alkaloids using a Rh(II)-catalyzed cyclization/cycloaddition cascade. *Journal of Organic Chemistry*, **2008**, 73, 2792-802	4.2	70
553	A flexible approach toward trisubstituted piperidines and indolizidines: synthesis of 6-epi-indolizidine 223A. *Journal of Organic Chemistry*, **2003**, 68, 4371-81	4.2	69
552	A one-pot bicycloannulation method for the synthesis of tetrahydroisoquinoline systems. *Journal of Organic Chemistry*, **2000**, 65, 2684-95	4.2	69
551	A Triple Cascade Sequence as a Strategy for the Construction of the Erythrinane Skeleton. *Journal of Organic Chemistry*, **1998**, 63, 1144-1155	4.2	69
550	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	4.2	69
549	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	4.2	69
548	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	4.2	69
547	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	16.4	68
546	An Approach toward the Illudin Family of Sesquiterpenes Using the Tandem Cyclization□Cycloaddition Reaction of Rhodium Carbenoids. *Journal of Organic Chemistry*, **1997**, 62, 1317-1325	4.2	67
545	A general synthetic entry to the pentacyclic strychnos alkaloid family, using a [4 + 2]-cycloaddition/rearrangement cascade sequence. *Journal of Organic Chemistry*, **2008**, 73, 3539-50	4.2	67
544	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	4.2	67

543	Mechanism of the photoreduction of N-Alkylbenzylidenimines. *Journal of the American Chemical Society*, **1969**, 91, 2653-2660	16.4	67
542	A stable dirhodium tetracarboxylate carbenoid: crystal structure, bonding analysis, and catalysis. *Journal of the American Chemical Society*, **2001**, 123, 11318-9	16.4	66
541	Cycloaddition of nitrones with allenes. An example of steric control of regiochemistry. *Journal of Organic Chemistry*, **1987**, 52, 3909-3917	4.2	66
540	Tandem cyclization-cycloaddition reactions of .alpha.-diazoacetophenone derivatives. *Journal of Organic Chemistry*, **1986**, 51, 1157-1158	4.2	65
539	Formal total synthesis of (+/-)-gamma-lycorane and (+/-)-1-deoxylycorine using the [4+2]-cycloaddition/rearrangement cascade of furanyl carbamates. *Journal of Organic Chemistry*, **2001**, 66, 1716-24	4.2	64
538	Cycloadditions. 41. Conversion of unsaturated alcohols into functionalized tetrahydrofurans and tetrahydropyrans via nitrile oxide dipolar cycloadditions. *Journal of Organic Chemistry*, **1989**, 54, 5277-5286	4.2	64
537	Intramolecular cycloaddition of carbonyl ylides as a strategy for natural product synthesis. *Tetrahedron*, **2011**, 67, 8057-8072	2.4	63
536	Übergangsmetallkatalysierte Reaktionen von α-Diazocarbonylverbindungen: Einfluß der Liganden auf die Chemoselektivität. *Angewandte Chemie*, **1994**, 106, 1881-1899	3.6	63
535	1,3-Dipolar cycloadditions of nitrones derived from the reaction of acetylenes with hydroxylamines. *Journal of Organic Chemistry*, **1986**, 51, 3125-3133	4.2	63
534	Photochemical syn-anti isomerization about the carbon-nitrogen double bond. *Journal of the American Chemical Society*, **1974**, 96, 4849-4857	16.4	63
533	Photochemical transformations of small ring heterocyclic compounds. 71. Intramolecular reorganization of some unsaturated 2H-azirines. *Journal of Organic Chemistry*, **1976**, 41, 543-549	4.2	63
532	Substitution and cyclization reactions involving the quasi-antiaromatic 2H-indol-2-one ring system. *Organic Letters*, **2007**, 9, 3805-7	6.2	62
531	(Phenylsulfonyl)allenes as Substrates for Cycloaddition Reactions: Intramolecular Cyclizations onto Unactivated Alkenes. *Journal of the American Chemical Society*, **1995**, 117, 7071-7080	16.4	62
530	Photocycloaddition of arylazirenes with electron-deficient olefins. *Journal of the American Chemical Society*, **1971**, 93, 548-550	16.4	62
529	Cycloaddition Methodology: A Useful Entry Towards Biologically Active Heterocycles. *Current Organic Chemistry*, **2009**, 13, 422-447	1.7	61
528	Transition metal catalyzed ring opening reactions of 2-phenyl-3-vinyl substituted 2H-azirines. *Tetrahedron Letters*, **2004**, 45, 5991-5993	2	61
527	Phenylsulfonyl ene-allenes as efficient precursors to bicyclic systems via intramolecular [2 + 2]-cycloaddition reactions. *Journal of Organic Chemistry*, **2003**, 68, 6238-50	4.2	61
526	Diastereofacial selectivity in azomethine ylide cycloaddition reactions derived from chiral α-cyanoaminosilanes. *Tetrahedron*, **1985**, 41, 3529-3535	2.4	61

525	Intramolecular Cycloaddition of Isomunchnone Dipoles to Heteroaromatic .pi.-Systems. *Journal of Organic Chemistry*, **1994**, 59, 7072-7084	4.2	60
524	Heterocyclic synthesis via the reaction of nitrones and hydroxylamines with substituted allenes. *Journal of Organic Chemistry*, **1989**, 54, 2862-2869	4.2	60
523	Intramolecular [3 + 2]-cycloaddition reaction of push-pull dipoles across heteroaromatic pi-systems. *Organic Letters*, **2004**, 6, 3241-4	6.2	59
522	Cycloaddition Reaction of Mesoionic Betaines as an Approach toward Trialkylindoline Alkaloids. *Journal of Organic Chemistry*, **1998**, 63, 44-54	4.2	59
521	IMDAF Cycloaddition as a Method for the Preparation of Pyrrolophenanthridine Alkaloids. *Journal of Organic Chemistry*, **1998**, 63, 3986-3997	4.2	58
520	Study of the thermal transformation of 5-exo-methyleneisoxazolidines to 3-pyrrolidinones. *Journal of Organic Chemistry*, **1988**, 53, 955-963	4.2	58
519	INTRAMOLECULAR CHLORINATION WITH LONG CHAIN HYPOCHLORITES1. *Journal of the American Chemical Society*, **1961**, 83, 2207-2208	16.4	57
518	Intramolecular Diels-Alder cycloaddition/rearrangement cascade of an amidofuran derivative for the synthesis of (−)-minfiensine. *Organic Letters*, **2011**, 13, 3767-9	6.2	56
517	Synthesis of substituted ‡carbolines via gold(III)-catalyzed cycloisomerization of N-propargylamides. *Tetrahedron*, **2010**, 66, 1496-1502	2.4	56
516	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	4.2	56
515	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	4.2	56
514	Tandem processes of metallo carbenoids for the synthesis of azapolycycles. *Topics in Current Chemistry*, **1997**, 121-158		55
513	Cycloaddition chemistry of 2-vinyl-substituted indoles and related heteroaromatic systems. *Journal of Organic Chemistry*, **2005**, 70, 2206-18	4.2	55
512	Studies on the synthesis of (+/-)-stenine: a combined intramolecular [4 + 2]-cycloaddition/rearrangement cascade. *Journal of Organic Chemistry*, **2005**, 70, 5197-206	4.2	55
511	Studies dealing with thionium ion promoted mannich cyclization reactions. *Journal of Organic Chemistry*, **2000**, 65, 235-44	4.2	55
510	Ligand effects in the rhodium(II) catalysed reactions of diazoamides and diazoimides. *Tetrahedron*, **1996**, 52, 2489-2514	2.4	55
509	Heteroaryl cross-coupling as an entry toward the synthesis of lavendamycin analogues: a model study. *Journal of Organic Chemistry*, **2010**, 75, 424-33	4.2	54
508	Cyclization Reactions of Rhodium Carbene Complexes. Effect of Composition and Oxidation State of the Metal *Journal of Organic Chemistry*, **1997**, 62, 1642-1652	4.2	54

507	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, 7391-402	4.2	54
506	Application of furanyl carbamate cycloadditions toward the synthesis of hexahydroindolinone alkaloids. *Journal of Organic Chemistry*, **2001**, 66, 3119-28	4.2	54
505	Model Studies Directed toward the Total Synthesis of (-)-Ribasine. A Tandem Cyclization□Cycloaddition Route Leading to the Core Skeleton. *Journal of Organic Chemistry*, **1999**, 64, 4079-4088	4.2	54
504	Copper-catalyzed amidations of bromo substituted furans and thiophenes. *Tetrahedron Letters*, **2002**, 43, 7365-7368	2	53
503	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	4.2	53
502	Generation of vinylcarbenes by the intramolecular addition of .alpha.-diazo ketones to acetylenes. *Journal of Organic Chemistry*, **1990**, 55, 414-416	4.2	53
501	A short diastereoselective synthesis of the putative alkaloid jamtine, using a tandem pummerer/mannich cyclization sequence. *Journal of Organic Chemistry*, **2003**, 68, 929-41	4.2	52
500	Intramolecular cycloaddition of isom□chnones derived from the rhodium(II) catalyzed cyclization of diazoimides. *Tetrahedron Letters*, **1992**, 33, 4731-4734	2	52
499	Synthesis of (+/-)-3H-epivincamine via a Rh(II)-triggered cyclization/cycloaddition cascade. *Organic Letters*, **2007**, 9, 3249-52	6.2	51
498	Efficient construction of the oxatricyclo[6.3.1.0(0,0)]dodecane core of komaroviquinone using a cyclization/cycloaddition cascade of a rhodium carbenoid intermediate. *Organic Letters*, **2005**, 7, 3725-7	6.2	51
497	Ligand-Induced Selectivity in the Rhodium(II)-Catalyzed Reactions of □-Diazo Carbonyl Compounds□ *Journal of Organic Chemistry*, **1996**, 61, 63-72	4.2	51
496	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	4.2	51
495	Rhodium-carbenoid-induced cycloadditions of substituted 1-diazo-2,5-pentanediones. *Journal of Organic Chemistry*, **1988**, 53, 2875-2877	4.2	51
494	A chemistry cascade: from physical organic studies of alkoxy radicals to alkaloid synthesis. *Journal of Organic Chemistry*, **2009**, 74, 6421-41	4.2	50
493	Generation of azomethine ylides via the desilylation reaction of immonium salts. *Journal of Organic Chemistry*, **1984**, 49, 3314-3322	4.2	50
492	Silver-promoted isomerizations of some cyclopropene derivatives. *Journal of the American Chemical Society*, **1981**, 103, 2404-2405	16.4	50
491	Photochemical transformations of small ring heterocyclic compounds. 75. Photochemistry of arylazirines in hydroxylic media. *Journal of the American Chemical Society*, **1976**, 98, 2605-2614	16.4	50
490	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	16.4	50

489	Total Synthesis of the Alkaloid (−)-Aspidophytine Based on Carbonyl Ylide Cycloaddition Chemistry. *Helvetica Chimica Acta*, **2008**, 91, 285-302	2	49
488	A new phenol synthesis from the rhodium (I) catalyzed reaction of cyclopropenes and alkynes. *Journal of the American Chemical Society*, **1992**, 114, 5881-5882	16.4	49
487	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	4.2	49
486	Intramolecular cyclopropanation reaction of furanyl diazo ketones. *Journal of Organic Chemistry*, **1989**, 54, 299-308	4.2	49
485	A Dipolar Cycloaddition Approach Toward the Kopsifoline Alkaloid Framework. *Tetrahedron*, **2007**, 63, 5962-5976	2.4	48
484	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	4.2	48
483	Cycloalkenone formation by the intramolecular addition of a □-diazoketone to an acetylenic pi-bond. *Tetrahedron Letters*, **1989**, 30, 2633-2636	2	48
482	A dipolar cycloaddition approach to pyrrolo[1,2-a]indoles using N-[(trimethylsilyl)methyl]-substituted indoles. *Journal of Organic Chemistry*, **1989**, 54, 644-653	4.2	48
481	Studies dealing with the alkylation-[1,3]-rearrangement reaction of some phenylthio-substituted allylic sulfones. *Journal of Organic Chemistry*, **1990**, 55, 955-964	4.2	48
480	Reactions of aziridines with dimethylacetylene dicarboxylate. *Tetrahedron Letters*, **1965**, 6, 4363-4367	2	48
479	An efficient synthesis of (+/-)-Lycoricidine featuring a Stille-IMDAF cycloaddition cascade. *Organic Letters*, **2006**, 8, 247-50	6.2	47
478	Synthesis of azapolycyclic systems via the intramolecular [4 + 2] cycloaddition chemistry of 2-(alkylthio)-5-amidofurans. *Journal of Organic Chemistry*, **2002**, 67, 3412-24	4.2	47
477	An Unusual Example of a 6-Endo-Dig Addition to an Unactivated Carbon-Carbon Triple Bond. *Journal of Organic Chemistry*, **1995**, 60, 5595-5603	4.2	47
476	Rhodium carbenoid mediated cyclizations of o-alkynyl-substituted .alpha.-diazoacetophenones. *Journal of Organic Chemistry*, **1992**, 57, 4940-4948	4.2	47
475	Theoretical Insights Regarding the Cycloaddition Behavior of Push-Pull Stabilized Carbonyl Ylides. *Journal of Organic Chemistry*, **1997**, 62, 2001-2010	4.2	46
474	Intramolecular O?H insertion reaction of azido substituted diazoesters and its relevance to the mechanism of the allylic azide rearrangement. *Tetrahedron Letters*, **1997**, 38, 5087-5090	2	46
473	Additive Pummerer reaction of heteroaromatic sulfilimines with carbon nucleophiles. *Tetrahedron Letters*, **2006**, 47, 595-597	2	46
472	Nitrile Oxides. *Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs*, **2003**, 361-472		46

471	Synthesis of the angiotensin converting enzyme inhibitor (-)-A58365A via an isom□chnone cycloaddition reaction. *Organic Letters*, **1999**, 1, 83-5	6.2	46
470	Cycloaddition-Rearrangement Sequence of 2-Amido Substituted Furans as a Method of Synthesizing Hexahydroindolinones. *Journal of Organic Chemistry*, **1999**, 64, 4617-4626	4.2	46
469	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	4.2	46
468	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	2	46
467	Intramolecular cycloaddition reactions of oximes with vinyl sulfones. *Tetrahedron Letters*, **1988**, 29, 2417-2419		46
466	Photochemical transformations of small ring heterocyclic systems. LVI. Photoextrusion of carbon dioxide from the .DELTA.3-oxazolin-5-one system. *Journal of the American Chemical Society*, **1974**, 96, 2414-2421	16.4	46
465	Halo substituent effects on intramolecular cycloadditions involving furanyl amides. *Journal of Organic Chemistry*, **2006**, 71, 5432-9	4.2	45
464	Cycloaddition protocol for the assembly of the hexacyclic framework associated with the kopsifoline alkaloids. *Organic Letters*, **2006**, 8, 5141-4	6.2	45
463	The interaction of rhodium carbenoids with carbonyl compounds as a method for the synthesis of tetrahydrofurans. *Journal of Organometallic Chemistry*, **2005**, 690, 5533-5540	2.3	45
462	Mechanistic aspects of the silver(I)-promoted rearrangement of cyclopropene derivatives. *Journal of Organic Chemistry*, **1982**, 47, 3712-3721	4.2	45
461	Photochemical transformations of small ring heterocyclic compounds. XLV. Photocycloaddition and photodimerization reactions of arylazirines. *Journal of Organic Chemistry*, **1973**, 38, 1333-1340	4.2	45
460	Tandem Dipolar Cycloaddition-Mannich Cyclization as an Approach to Tricyclic Nitrogen Heterocycles. *Journal of Organic Chemistry*, **1997**, 62, 67-77	4.2	44
459	Generation and Cycloaddition Behavior of Spirocyclic Carbonyl Ylides. Application to the Synthesis of the Pterosin Family of Sesquiterpenes□ *Journal of Organic Chemistry*, **1996**, 61, 73-81	4.2	44
458	Chemoselectivity of rhodium carbenoids. A comparison of the selectivity for O?H insertion reactions or carbonyl ylide formation versus aliphatic and aromatic C?H insertion and cyclopropanation. *Tetrahedron*, **1993**, 49, 5109-5126	2.4	44
457	Synthesis of pyrrolidines using an □-cyanoaminosilane as an azomethine ylide equivalent. *Tetrahedron Letters*, **1983**, 24, 3447-3450	2	44
456	Excited-state chemistry of cyclopropene derivatives. *Accounts of Chemical Research*, **1979**, 12, 310-317	24.3	44
455	A stereoselective approach to the azaspiro[5.5]undecane ring system using a conjugate addition/dipolar cycloaddition cascade: application to the total synthesis of (+/-)-2,7,8-epi-perhydrohistrionicotoxin. *Journal of Organic Chemistry*, **2008**, 73, 9601-9	4.2	43
454	Intramolecular cyclization reactions of 5-halo- and 5-nitro-substituted furans. *Organic Letters*, **2003**, 5, 3337-40	6.2	43

453	A new beta-carbolinone synthesis using a Rh(II)-promoted [3 + 2]-cycloaddition and Pd(0) cross-coupling/Heck cyclization chemistry. *Organic Letters*, **2003**, 5, 4195-7	6.2	43
452	Additive and Vinylogous Pummerer Reactions of Amido Sulfoxides and Their Use in the Preparation of Nitrogen Containing Heterocycles. *Journal of Organic Chemistry*, **1998**, 63, 4256-4268	4.2	43
451	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	4.2	43
450	[3 + 2] Cyclization-elimination route to cyclopentenyl sulfones using (phenylsulfonyl)-1,2-propadiene. *Journal of Organic Chemistry*, **1991**, 56, 6386-6390	4.2	43
449	Cesium fluoride induced desilylation reaction of immonium salts derived from vinylogous amides. *Tetrahedron Letters*, **1983**, 24, 4303-4306	2	43
448	Intramolecular cycloaddition reactions of olefinic tosylhydrazones. *Journal of Organic Chemistry*, **1980**, 45, 3756-3766	4.2	43
447	Conjugate addition-dipolar cycloaddition cascade for the synthesis of benzo[a]quinolizine and indolo[a]quinolizine scaffolds: application to the total synthesis of (+/-)-yohimbenone. *Journal of Organic Chemistry*, **2009**, 74, 3491-9	4.2	42
446	Sequential aminodiene Diels-Alder approach to the ergoline skeleton. *Journal of Organic Chemistry*, **2005**, 70, 6833-41	4.2	42
445	Synthesis of the erythrina alkaloid 3-demethoxyerythratidinone. Novel acid-induced rearrangements of its precursors. *Organic Letters*, **2006**, 8, 601-4	6.2	42
444	Tandem Pummerer-Diels-Alder Reaction Sequence. A Novel Cascade Process for the Preparation of 1-Arylnaphthalene Lignans. *Journal of Organic Chemistry*, **1996**, 61, 3706-3714	4.2	42
443	An IMDAF cycloaddition approach toward the synthesis of the lycopodium alkaloid (-)-fawcettidine. *Journal of Organic Chemistry*, **2011**, 76, 2753-61	4.2	41
442	Rh(I)-catalyzed ring opening of an IMDAF-derived oxabicyclo cycloadduct as the key step in the synthesis of (+/-)-epi-zephyranthine. *Organic Letters*, **2004**, 6, 2189-92	6.2	41
441	An aza-Achmatowicz approach toward the hydroxylated piperidine alkaloids (+/-)-azimic acid and (+/-)-deoxocassine. *Organic Letters*, **2004**, 6, 4029-31	6.2	41
440	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	16.4	41
439	Carbene and silicon routes as methods for the generation and dipolar cycloaddition reactions of methyl nitrile ylide. *Journal of the American Chemical Society*, **1986**, 108, 6739-6746	16.4	41
438	Nitrone cycloaddition. New approach to .beta.-lactams. *Journal of the American Chemical Society*, **1981**, 103, 4974-4975	16.4	41
437	Utilization of a Michael addition: dipolar cycloaddition cascade for the synthesis of (+/-)-cylindricine C. *Organic Letters*, **2008**, 10, 1871-4	6.2	40
436	Azomethine Ylides. *Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs*, **2003**, 169-252		40

435	The Thionium/N-Acyliminium Ion Cyclization Cascade as a Strategy for the Synthesis of Azapolycyclic Ring Systems. *Tetrahedron*, **2000**, 56, 10159-10173	2.4	40
434	Synthesis of Nitrogen Heterocycles Using the Intramolecular Pummerer Reaction. *Current Organic Chemistry*, **2000**, 4, 175-203	1.7	40
433	Stereo and electronic effects in the rhodium(II)-mediated synthesis of polycyclic lactones and lactams from .alpha.-diazo ester and amide precursors. *Journal of Organic Chemistry*, **1993**, 58, 4646-4655	4.2	40
432	Preparation of oxygenated heterocycles via the cyclization reaction of □-diazo substituted alkynes. *Tetrahedron Letters*, **1990**, 31, 6835-6838	2	40
431	Synthesis of novel bicyclic nitrogen heterocycles by the intramolecular dipolar cycloaddition reaction of nitrones with allenes and alkynes. *Tetrahedron*, **1995**, 51, 89-106	2.4	39
430	A New Approach to the 1-Arylnaphthalene Lignans Utilizing a Tandem Pummerer-Diels-Alder Reaction Sequence. *Journal of Organic Chemistry*, **1995**, 60, 3938-3939	4.2	39
429	Synthesis of AZA substituted polycycles via rhodium (II) carboxylate induced cyclization of diazoimides. *Tetrahedron Letters*, **1989**, 30, 4077-4080	2	39
428	(Nitroaryl)sulfinyl-substituted allenes. Novel and convenient propargyl alcohol synthons in 4 + 2 cycloaddition chemistry. *Journal of Organic Chemistry*, **1991**, 56, 4252-4259	4.2	39
427	Synthesis of cyclopentenyl sulfones via the [3 + 2] cyclization-elimination reaction of (phenylsulfonyl)allene. *Journal of the American Chemical Society*, **1988**, 110, 1617-1618	16.4	39
426	Photoisomerization about the carbon-nitrogen double bond of an oxime ether. *Journal of the American Chemical Society*, **1972**, 94, 1000-1002	16.4	39
425	Photochemical transformations of small ring compounds. XLI. Orbital symmetry and steric control in the photorearrangement of 1,3,5-hexatrienes to bicyclo[3.1.0]hex-2-enes. *Journal of the American Chemical Society*, **1972**, 94, 6767-6775	16.4	39
424	Synthesis of furo[3,4-c]furans using a rhodium(II)-catalyzed cyclization/Diels-Alder cycloaddition sequence. *Journal of Organic Chemistry*, **2003**, 68, 227-39	4.2	38
423	Cyclization-cycloaddition casade of rhodium carbenoids using different carbonyl groups. Highlighting the position of interaction. *Journal of Organic Chemistry*, **2000**, 65, 5223-32	4.2	38
422	2,3-Dihalo-1-(phenylsulfonyl)-1-propenes as versatile reagents for the synthesis of annulated furans and cyclopentenones. *Journal of Organic Chemistry*, **1992**, 57, 1170-1178	4.2	38
421	Synthesis of the benzazepin-4-one ring system via dipolar cycloaddition of N-phenylnitrones with activated allenes. *Journal of Organic Chemistry*, **1989**, 54, 810-817	4.2	38
420	Azomethine ylide generation via the rhodium(II)-induced cyclization reaction of oximino .alpha.-diazo ketones. *Journal of Organic Chemistry*, **1990**, 55, 405-406	4.2	38
419	Intramolecular dipolar cycloaddition reactions with azomethine ylides. *Journal of Organic Chemistry* , **1979**, 44, 255-261	4.2	38
418	Photochemical transformations of small ring heterocyclic compounds. LXII. Competitive keto-enolate photochemistry in the 3-phenylcoumaran-2-one system. *Journal of the American Chemical Society*, **1975**, 97, 1837-1845	16.4	38

417	Photochemical transformations of small ring compounds. 95. The problem of regioselectivity in the photochemical ring-opening reaction of 3-phenyl- and 3-vinyl-substituted cyclopropenes to indenes and 1,3-cyclopentadienes. *Journal of Organic Chemistry*, **1978**, 43, 1481-1492	4.2	38
416	Dirhodium(II) Tetracarboxylate carbenoids as catalytic intermediates. *Tetrahedron Letters*, **1998**, 39, 949-952	2	37
415	An approach to the isoschizozygane alkaloid core using a 1,4-dipolar cycloaddition of a cross-conjugated heteroaromatic betaine. *Organic Letters*, **2005**, 7, 2925-8	6.2	37
414	Formal synthesis of (+/-)-dendrobine: use of the amidofuran cycloaddition/rearrangement sequence. *Organic Letters*, **2000**, 2, 3233-5	6.2	37
413	Heterocyclic Synthesis via the Tandem Thionium/N-Acyliminium Ion Cascade. *Journal of Organic Chemistry*, **1998**, 63, 6778-6779	4.2	37
412	Isoxazoline oxidation. An efficient method for the preparation of □,□unsaturated carbonyl compounds. *Tetrahedron Letters*, **1987**, 28, 913-916	2	37
411	Intramolecular Diels□Alder Cycloaddition of Furans (IMDAF) for Natural Product Synthesis. *Advances in Heterocyclic Chemistry*, **2013**, 110, 1-41	2.4	36
410	Synthesis of 2,4-disubstituted pyrroles by rearrangements of 2-furanyl carbamates. *Organic Letters*, **2009**, 11, 1233-5	6.2	36
409	A new strategy toward indole alkaloids involving an intramolecular cycloaddition/rearrangement cascade. *Journal of Organic Chemistry*, **2004**, 69, 3735-45	4.2	36
408	Tunable regioselectivity associated with the reaction of 2,3-dihalo-1-(phenylsulfonyl)-1-propenes with ambident nucleophilic reagents. *Journal of Organic Chemistry*, **1992**, 57, 1161-1169	4.2	36
407	Formation of polysubstituted 1,2,5,6-tetrahydropyridines from the 4+2 cycloaddition reaction of bis(phenylsulfonyl)butadienes with aryl imines. *Journal of Organic Chemistry*, **1991**, 56, 2713-2720	4.2	36
406	Aza Cope rearrangements in the cyclopropenyl- and allyl-substituted .DELTA.2-oxazolinone systems. *Journal of Organic Chemistry*, **1983**, 48, 695-703	4.2	36
405	Photochemical transformations of small ring heterocyclic compounds. 82. Intramolecular dipolar cycloaddition reactions of unsaturated 2H-azirines. *Journal of the American Chemical Society*, **1977**, 99, 1871-1880	16.4	36
404	Reactions of phenylchlorodiazirine with nucleophiles and substituted acetylenes. *Journal of Organic Chemistry*, **1969**, 34, 2728-2732	4.2	36
403	Peri and stereoselectivity effects in the intramolecular [2+2]-cycloaddition reaction of phenylsulfonyl-substituted allenes. *Journal of the American Chemical Society*, **1993**, 115, 3776-3777	16.4	35
402	Control of chemoselectivity in the rhodium(II)-catalyzed alkyne insertion reaction of .alpha.-diazo ketones. *Journal of Organic Chemistry*, **1992**, 57, 1330-1331	4.2	35
401	Dipolar cycloaddition reaction of (phenylsulfonyl)propadiene with nitrones and alkylation studies of the cycloadducts. *Tetrahedron Letters*, **1986**, 27, 2683-2686	2	35
400	Photochemical transformations of small ring heterocyclic compounds. 70. Thermal and photochemical valence isomerizations of 4-carbonyl-substituted isoxazoles. *Journal of the American Chemical Society*, **1975**, 97, 6484-6491	16.4	35

399	Electrophilic-induced cyclization reaction of hexahydroindolinone derivatives and its application toward the synthesis of (+/-)-erysotramidine. *Journal of Organic Chemistry*, **2004**, 69, 8209-18	4.2	34
398	Tandem Pummerer/Mannich cyclization cascade of alpha-sulfinylamides as a method to prepare aza-heterocycles. *Journal of Organic Chemistry*, **2002**, 67, 5928-37	4.2	34
397	Tandem Diels–Alder N-Acyliminium Ion Cyclization Reactions. A New Entry into the Erythrinane Skeleton. *Journal of Organic Chemistry*, **1996**, 61, 4888-4889	4.2	34
396	Cycloaddition of (phenylsulfonyl)-1,2-propadienes with diazomethane. Novel rearrangement reactions of the resulting cycloadducts. *Journal of Organic Chemistry*, **1993**, 58, 2061-2067	4.2	34
395	Cyclic carbonyl ylide formation from the rhodium (II) acetate catalyzed reaction of 1-diazoalkanediones. *Tetrahedron Letters*, **1989**, 30, 301-304	2	34
394	Formation of functionalized cyclic ethers by intramolecular nitrile oxide cycloadditions. *Tetrahedron Letters*, **1988**, 29, 4169-4172	2	34
393	Cyclization Reactions of 2,3-Bis(phenylsulfonyl)-1,3-butadiene with Various Carbanions. A [4 + 1] Anionic Annulation Approach to Phenylsulfonyl-Substituted Cyclopentenes. *Journal of Organic Chemistry*, **1994**, 59, 588-596	4.2	33
392	The Reversible Cycloaddition of Isomunchnones to C60. *Journal of Organic Chemistry*, **1994**, 59, 7949-7951	4.2	33
391	Tandem cyclization-cycloaddition reaction of rhodium carbenoids. Studies dealing with intramolecular cycloadditions. *Journal of Organic Chemistry*, **1992**, 57, 5747-5757	4.2	33
390	Bimolecular cycloaddition reactions of isomünchnones derived from the rhodium(II) catalyzed cyclization of diazo pyrrolidinones. *Tetrahedron*, **1993**, 49, 2589-2600	2.4	33
389	Dipolar cycloaddition reaction of diazoalkanes with trimethylsilyl substituted alkynes. Steric control of regiochemistry by the trimethylsilyl group. *Tetrahedron*, **1990**, 46, 1145-1162	2.4	33
388	Utilization of phenylthio substituted amines for the synthesis of pyrrolidines. *Chemische Berichte*, **1986**, 119, 813-828		33
387	Steady-state and laser photolysis studies of substituted 2H-azirines. Spectroscopy, absolute rates, and Arrhenius behavior for the reaction of nitrile ylides with electron deficient olefins. *Journal of Organic Chemistry*, **1984**, 49, 3174-3180	4.2	33
386	Photochemical transformations of small ring heterocyclic compounds. XLII. Photochemical reorganizations in the 1,3-diazabicyclo[3.1.0]hex-3-ene system. *Journal of the American Chemical Society*, **1972**, 94, 7788-7797	16.4	33
385	The Rhodium(II) Carbenoid Cyclization-Cycloaddition Cascade of alpha-Diazo Dihydroindolinones for the Synthesis of Novel Azapolycyclic Ring Systems. *Tetrahedron*, **2008**, 64, 988-1001	2.4	32
384	A Rh(II)-catalyzed cycloaddition approach towards the synthesis of komaroviquinone. *Tetrahedron*, **2008**, 64, 4758-4767	2.4	32
383	Highly stereoselective vinylogous Pummerer reaction mediated by Me3SiX. *Organic Letters*, **2005**, 7, 19-22	6.2	32
382	A study of vinyl radical cyclization using N-alkenyl-7-bromo-substituted hexahydroindolinones. *Journal of Organic Chemistry*, **2005**, 70, 519-28	4.2	32

381	Intramolecular amidofuran cycloadditions across an indole pi-bond: an efficient approach to the aspidosperma and strychnos ABCE core. *Organic Letters*, **2002**, 4, 4643-5	6.2	32
380	A Facile and Efficient Synthesis of Thieno[2,3-c]furans and Furo[3,4-b]indoles via a Pummerer-Induced Cyclization Reaction. *Journal of Organic Chemistry*, **1996**, 61, 6166-6174	4.2	32
379	Tandem addition-cycloaddition reaction of oximes with 2,3-bis(phenylsulfonyl)-1,3-butadiene as a method for 4-piperidone synthesis. *Journal of Organic Chemistry*, **1991**, 56, 2154-2161	4.2	32
378	Interconversion of dipoles by the flash vacuum pyrolysis of oxadiazolinones. *Journal of the American Chemical Society*, **1982**, 104, 2865-2871	16.4	32
377	Metal substituted diazo esters as substrates for cross coupling reactions. *Tetrahedron*, **1997**, 53, 2371-2386	2.4	31
376	Dichloroketene-induced cyclizations of vinyl sulfilimines: application of the method in the synthesis of (+/-)-desoxyeseroline. *Journal of Organic Chemistry*, **2005**, 70, 8538-49	4.2	31
375	Nitrones. *Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs*, **2003**, 1-81		31
374	Efficient synthesis of (+/-)-erysotramidine using an NBS-promoted cyclization reaction of a hexahydroindolinone derivative. *Organic Letters*, **2003**, 5, 5067-70	6.2	31
373	Rhodium(II)-catalyzed cyclization of amido diazo carbonyl compounds. *Journal of Organic Chemistry*, **2000**, 65, 7124-33	4.2	31
372	Generation and Trapping of N-Acyliminium Ions Derived from Isomünchnone Cycloadducts. A Versatile Route to Functionalized Heterocycles. *Journal of Organic Chemistry*, **1999**, 64, 556-565	4.2	31
371	Intramolecular 1,4-Dipolar Cycloadditions of Cross-Conjugated Heteroaromatic Betaines. Synthesis of Hexahydrojulolidines and Related Peri- and Ortho-Fused Ring Systems. *Journal of Organic Chemistry*, **1995**, 60, 3795-3805	4.2	31
370	A Tandem Cyclization-Onium Ylide Rearrangement-Cycloaddition Sequence for the Synthesis of Benzo-Substituted Cyclopentenones. *Journal of Organic Chemistry*, **1995**, 60, 53-62	4.2	31
369	Use of 2,3-bis(phenylsulfonyl)-1-propene as a multicoupling reagent. *Journal of Organic Chemistry*, **1992**, 57, 298-306	4.2	31
368	Cycloadditions. 37. Molecular mechanics calculations and the stereochemical course of intramolecular dipolar cycloadditions of nitrile oxides. *Journal of Organic Chemistry*, **1988**, 53, 5063-5069	4.2	31
367	New synthesis of .beta.-lactams based on nitrone cycloaddition to nitroalkenes. *Journal of Organic Chemistry*, **1984**, 49, 282-288	4.2	31
366	The correlation of the crystal and molecular structure with the nuclear magnetic resonance spectrum of a bicyclo[1.1.1]pentane derivative. *Journal of the American Chemical Society*, **1968**, 90, 3717-3721	16.4	31
365	Facial Diastereoselection in [3 + 2]-Cycloadditions of Isomünchnone Dipoles. *Journal of Organic Chemistry*, **1997**, 62, 6842-6854	4.2	30
364	A new synthesis of gamma-lactams based on the reaction of vinyl sulfilimines with dichloroketene. *Organic Letters*, **2005**, 7, 839-41	6.2	30

363	Application of a stereospecific RhCl(PPh3)3 decarbonylation reaction for the total synthesis of 7-(–)-deoxypancratistatin. *Tetrahedron Letters*, **2006**, 47, 3905-3908	2	30
362	Stereoselective synthesis of 2,5,6-trisubstituted piperidines. *Organic Letters*, **2002**, 4, 2029-31	6.2	30
361	Influence of ground-state conformations on the intramolecular amidofuran Diels-Alder reaction. *Organic Letters*, **2002**, 4, 473-6	6.2	30
360	Synthesis of Tricyclic Nitrogen Compounds via a Tandem Cyclization-Cycloaddition-Cationic Cyclization Sequence. *Journal of Organic Chemistry*, **1994**, 59, 5518-5520	4.2	30
359	Rearrangement of o-alkynyl substituted □-diazoacetophenones. Conversion to ╫haphthols via arylketene intermediates. *Tetrahedron Letters*, **1991**, 32, 5923-5926	2	30
358	1,3-Dipole cascade. A new method for azomethine ylide formation. *Journal of the American Chemical Society*, **1989**, 111, 6451-6452	16.4	30
357	Radical cyclization as an approach toward the synthesis of pyrrolidines. *Tetrahedron Letters*, **1985**, 26, 957-960	2	30
356	Intramolecular munchnone cycloadditions: preparation and chemistry of the intramolecular dipolar cycloadducts. *Journal of Organic Chemistry*, **1985**, 50, 3816-3823	4.2	30
355	Electron transfer in the type II photoelimination of .alpha.-aminoacetophenones. *Journal of the American Chemical Society*, **1971**, 93, 6998-7005	16.4	30
354	Mechanistic and Exploratory Photochemistry. XV.1 The Relation of Cyclohexenone to Cyclohexadienone Rearrangements. *Journal of the American Chemical Society*, **1966**, 88, 1965-1973	16.4	30
353	An aza-Wittig/pi-furan cyclization approach toward the homoerythrina alkaloid (+/-)-selaginoidine. *Organic Letters*, **2005**, 7, 1339-42	6.2	29
352	Diazoalkanes. *Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs*, **2003**, 539-621		29
351	A novel sequential aminodiene Diels-Alder strategy for the rapid construction of substituted analogues of Kornfeld╠ ketone. *Organic Letters*, **2002**, 4, 4135-7	6.2	29
350	Ethyl 2-diazomalonyl chloride. An efficient diazoacylating reagent. *Tetrahedron Letters*, **1994**, 35, 849-852		29
349	The uncatalyzed diels-alder reaction of imines with bis(phenylsulfonyl) substituted dienes. *Tetrahedron Letters*, **1989**, 30, 3259-3262	2	29
348	Generation and cycloaddition reactions of phenylsulfonyl-substituted 1,3-butadienes. *Journal of Organic Chemistry*, **1989**, 54, 4232-4235	4.2	29
347	Synthesis of vinylic and cyclic sulfones via a radical addition-elimination sequence. *Tetrahedron Letters*, **1990**, 31, 2983-2986	2	29
346	Photochemical transformations of small-ring heterocyclic compounds. XXIV. Photoisomerization of the triphenyl-1,3-diazabicyclo[3.1.0]hex-3-ene system. *Journal of the American Chemical Society*, **1970**, 92, 1778-1779	16.4	29

345	An alkoxy radical as a model for the n,□excited state. *Tetrahedron Letters*, **1964**, 5, 3465-3469	2	29
344	Site selectivity in the rhodium(II)-catalyzed reaction of □-diazoimides. Ligand and substituent effects. *Tetrahedron*, **1997**, 53, 7777-7794	2.4	28
343	An approach to the cephalotaxine ring skeleton using an ammonium ylide/Stevens [1, 2]-rearrangement. *Tetrahedron Letters*, **1998**, 39, 4159-4162	2	28
342	Chemical reactivity and configurational properties of cyclopropyl carbanions derived from a silyl sulfonyl substituted cyclopropene. *Journal of Organic Chemistry*, **1987**, 52, 4760-4767	4.2	28
341	Concentration effects in the photochemical syn-anti isomerization of an oxime ether. *Journal of Organic Chemistry*, **1974**, 39, 2361-2366	4.2	28
340	Involvement of azomethine ylides in the thermal rearrangement of aziridinyl ketones to pyrroles. *Journal of the American Chemical Society*, **1975**, 97, 2822-2829	16.4	28
339	[2+2] thermal cyclodimerization of cis, trans-1,3-cyclooctadiene. *Journal of the American Chemical Society*, **1971**, 93, 3633-3638	16.4	28
338	Application of cross-conjugated heteroaromatic betaines to the synthesis of the schizozygane alkaloid (+/-)-strempeliopine. *Journal of Organic Chemistry*, **2009**, 74, 7389-402	4.2	27
337	Triflic anhydride mediated cyclization of 5-hydroxy-substituted pyrrolidinones for the preparation of alpha-trifluoromethylsulfonamido furans. *Journal of Organic Chemistry*, **2003**, 68, 5139-46	4.2	27
336	1,3-dipolar cycloaddition chemistry for the preparation of novel indolizinone-based compounds. *Journal of Organic Chemistry*, **2005**, 70, 8055-63	4.2	27
335	An efficient dipolar-cycloaddition route to the pterosin family of sesquiterpenes. *Tetrahedron Letters*, **1995**, 36, 1989-1992	2	27
334	Studies on the intramolecular cycloaddition reaction of isom□chnones derived from N-alkenyl substituted diazoimides. *Tetrahedron*, **1996**, 52, 3247-3260	2.4	27
333	Thermal isomerization of allyl-substituted cyclopropenes. An example of a nonsynchronous cope rearrangement. *Journal of the American Chemical Society*, **1980**, 102, 2797-2806	16.4	27
332	Photochemistry of cyclopropene derivatives. Synthesis and photorearrangement of a 3-acyl-substituted cyclopropene. *Journal of Organic Chemistry*, **1982**, 47, 183-191	4.2	27
331	Photochemical transformations of small ring heterocycles. 81. Carbenic reactions of nitrile ylides. An example of a stepwise 1,3-dipolar cycloaddition. *Journal of the American Chemical Society*, **1977**, 99, 1514-1523	16.4	27
330	2,3-Bis(phenylsulfonyl)-1,3-butadiene as a reagent for the synthesis of the azatricyclic core of (+/-)-halichlorine. *Journal of Organic Chemistry*, **2010**, 75, 1992-6	4.2	26
329	Synthesis of the perhydroindole nucleus by a Pummerer/Mannich induced cyclization cascade. *Tetrahedron Letters*, **1998**, 39, 8585-8588	2	26
328	Rhodium(II) mediated cyclizations of diazo alkynyl ketones. *Journal of Organometallic Chemistry*, **2000**, 610, 88-101	2.3	26

327	Cycloadditions of non-stabilized azomethine ylides and quinones synthesis of the isoindole. *Tetrahedron Letters*, **1984**, 25, 4917-4920	2	26
326	Synthetic approaches toward the bi(2H-azirine) system. *Journal of Organic Chemistry*, **1979**, 44, 3281-3287	4.2	26
325	Regioselectivity in the intramolecular ene reaction of cyclopropene derivatives. *Journal of the American Chemical Society*, **1981**, 103, 1859-1860	16.4	26
324	Positive Halogen Compounds. V. t-Butyl Hypobromite and Two New Techniques for Hydrocarbon Bromination1. *Journal of Organic Chemistry*, **1962**, 27, 2976-2977	4.2	26
323	A benzannulation protocol to prepare substituted aryl amines using a Michael-aldol reaction of beta-keto sulfones. *Journal of Organic Chemistry*, **2009**, 74, 7781-9	4.2	25
322	Cycloaddition Chemistry of Anhydro-4-hydroxy-1,3-thiazolium Hydroxides (Thioisomünchnones) for the Synthesis of Heterocycles. *Synthesis*, **1994**, 1994, 993-1004	2.9	25
321	Intramolecular [3+2]-cycloaddition of nitrones with allenes and alkynes. *Tetrahedron Letters*, **1993**, 34, 5047-5050	2	25
320	Use of 2,3-(diphenylsulfonyl)-1-propene as an allene equivalent in cycloaddition chemistry. *Tetrahedron Letters*, **1988**, 29, 265-268	2	25
319	Site selectivity in the reactions of various 1,3-dipoles with (phenylsulfonyl)-1,2-propadiene. *Journal of Organic Chemistry*, **1988**, 53, 2232-2238	4.2	25
318	Intramolecular cycloaddition reactions of diazoalkenes. A theoretical prognosis of nitrene type behavior. *Journal of the American Chemical Society*, **1983**, 105, 933-943	16.4	25
317	Regiochemical aspects associated with the intramolecular 1,3-dipolar cycloaddition reactions of munchnone derivatives. *Tetrahedron Letters*, **1980**, 21, 3419-3422	2	25
316	Photocyclization reactions of substituted 2,2Pdivinylbiphenyl derivatives. *Journal of Organic Chemistry*, **1977**, 42, 3271-3279	4.2	25
315	Studies on the intramolecular addition of vinyl nitrenes to olefins. *Journal of Organic Chemistry*, **1978**, 43, 2029-2037	4.2	25
314	Photochromism in the arylaroylaziridine system. *Journal of Heterocyclic Chemistry*, **1967**, 4, 118-123	1.9	25
313	A conjugate addition/dipolar-cycloaddition cascade sequence for the synthesis of (−)-cylindricine C. *Tetrahedron*, **2010**, 66, 3643-3650	2.4	24
312	Studies Dealing with the Cycloaddition/Ring Opening/Elimination Sequence of 2-Amino-Substituted Isobenzofurans. *Journal of Organic Chemistry*, **1997**, 62, 2786-2797	4.2	24
311	Cyclization of rhodium carbenoids using ester and amido carbonyl groups. *Tetrahedron Letters*, **1997**, 38, 3319-3322	2	24
310	An efficient synthesis of furyl sulfonamides from the reaction of furan with in situ generated N-tosyl imines. *Tetrahedron*, **2003**, 59, 4939-4944	2.4	24

309	Synthesis of Substituted 2-Pyridones via the Pummerer Cyclization-Deprotonation-Cycloaddition Cascade of Imidosulfoxides. *Journal of Organic Chemistry*, **1999**, 64, 2038-2049	4.2	24
308	Silyl-substituted cyanoamines as reagents for heterocyclic synthesis. *Journal of Organic Chemistry*, **1987**, 52, 2427-2432	4.2	24
307	A study of the 5-exo methylene-isoxazolidine to 3-pyrrolidinone rearrangement. *Tetrahedron Letters*, **1987**, 28, 755-758	2	24
306	Studies dealing with the aza Claisen rearrangement of 2-allyloxy-substituted oxazoles. *Journal of Organic Chemistry*, **1984**, 49, 399-406	4.2	24
305	Carbene and silicon routes toward a simple nitrile ylide. Spectroscopic, kinetic, and chemical characterization. *Journal of Organic Chemistry*, **1985**, 50, 4415-4417	4.2	24
304	Synthesis and thermal rearrangement of 2-allyl substituted 2-pyrrole derivatives. *Tetrahedron Letters*, **1979**, 20, 107-110	2	24
303	Photochemical transformations of small ring heterocyclic compounds. 93. Spatial requirements associated with the intramolecular 1,1-cycloaddition reactions of nitrile ylides. *Journal of the American Chemical Society*, **1978**, 100, 2181-2190	16.4	24
302	Intramolecular photochemical and thermal cyclization reactions of 2-vinyl substituted 2-azirines. *Tetrahedron Letters*, **1974**, 15, 29-32	2	24
301	An approach toward the alkaloid (–)-mersicarpine using a rhodium(II) carbenoid cyclization□ycloaddition cascade of an □-diazo dihydroindolinone. *Tetrahedron*, **2011**, 67, 9829-9836	2.4	23
300	Photodesulfonylation of indoles initiated by electron transfer from triethylamine. *Tetrahedron Letters*, **2006**, 47, 2409-2412	2	23
299	Six- versus five-membered ring formation in radical cyclizations of 7-bromo-substituted hexahydroindolinones. *Organic Letters*, **2004**, 6, 917-20	6.2	23
298	Tandem Pummerer Diels-Alder sequence for the preparation of □-thio substituted naphthalene derivatives. *Tetrahedron Letters*, **1995**, 36, 3495-3498	2	23
297	Rhodium (II) catalyzed cyclizations of □-diazo substituted alkynes. A new mode of reaction. *Tetrahedron Letters*, **1991**, 32, 4103-4106	2	23
296	Preparation and reactivity of arylsulfonyl substituted cyclopropenes. *Tetrahedron*, **1991**, 47, 6139-6156	2.4	23
295	Rhodium carbenoid mediated cyclizations. Intramolecular cyclopropanation and C-H insertion reactions derived from type II o-alkynyl substituted □-diazoacetophenones. *Tetrahedron Letters*, **1993**, 34, 4285-4288	2	23
294	Synthesis of 3-pyrrolines via a [4+1]-annulation strategy. *Tetrahedron Letters*, **1988**, 29, 3041-3044	2	23
293	Synthesis of cycloalkenones via the intramolecular cyclopropanation of furanyl diazo ketones. *Journal of Organic Chemistry*, **1986**, 51, 5036-5038	4.2	23
292	Photochemical Transformations of Small Ring Carbonyl Compounds. X. Photodesulfurization of Dibenzoylstilbene Episulfide1-3. *Journal of the American Chemical Society*, **1966**, 88, 3064-3069	16.4	23

291	Photochemical cyclobutanol formation of an aryl ketone. Scope and mechanism of the reaction. *Journal of the American Chemical Society*, **1967**, 89, 4435-4442	16.4	23
290	Polycyclic Ring Formation Using Bis-diazolactams for Cascade Stitching. *Journal of Organic Chemistry*, **2017**, 82, 642-651	4.2	22
289	Rh(II)-catalyzed reactions of differentially substituted bis(diazo) functionalities. *Organic Letters*, **2013**, 15, 4114-7	6.2	22
288	The reaction of cyclic carbinol amides with triflic anhydride as a method to prepare alpha-trifluoromethyl-sulfonamido furans. *Organic Letters*, **2003**, 5, 189-91	6.2	22
287	2,3-Bis(phenylsulfonyl)-1,3-butadiene: Substrate for Michael Donor/Acceptors in a Novel Synthesis of Fused Cyclopentenes. *Journal of Organic Chemistry*, **1996**, 61, 3829-3838	4.2	22
286	Generaton of Thiocarbonyl Ylides from the Rhodium(II) -Catalyzed Cyclization of Diazothiocarbonyl Compounds. *Synlett*, **1991**, 1991, 287-288	2.2	22
285	Alkylation of 2-oxy-substituted 1-sulfonylallyl and 1-sulfonylvinyl anions. New routes to functionalized carbocycles and dihydrofurans. *Journal of Organic Chemistry*, **1991**, 56, 3556-3564	4.2	22
284	Intramolecular 1,1-cycloaddition of nitrilimines as a route to benzodiazepines and cyclopropa[c]cinnolines. *Journal of Organic Chemistry*, **1981**, 46, 1402-1409	4.2	22
283	Facile one-step synthesis of 3,5,5-trisubstituted 2(5H)-furanones. *Journal of Organic Chemistry*, **1975**, 40, 3139-3141	4.2	22
282	Photochemical transformations of small-ring carbonyl compounds. 79. Involvement of enol tautomers in the photoisomerization of 3-substituted isochromanones. *Journal of the American Chemical Society*, **1976**, 98, 5581-5590	16.4	22
281	The role of substituents in controlling the mode of intramolecular cycloaddition of nitrile ylides. *Journal of the American Chemical Society*, **1978**, 100, 3494-3505	16.4	22
280	Evidence for electron transfer in the photochemistry of .pi.-.pi.* triplet states. *Journal of the American Chemical Society*, **1969**, 91, 1857-1859	16.4	22
279	Acyclic stereocontrol in [3+2]-cycloadditions of amino acid-derived isomünchnone dipoles. *Tetrahedron*, **1998**, 54, 6957-6976	2.4	21
278	Cycloaddition across the benzofuran ring as an approach to the morphine alkaloids. *Journal of Organic Chemistry*, **2008**, 73, 8120-3	4.2	21
277	Ligand effects in the Rh(II) catalyzed reaction of α-diazo ketoamides. *Tetrahedron Letters*, **2004**, 45, 9115-9118	2.2	21
276	Rhodium(II)-Catalysed Intramolecular O-H Insertion of alpha-Diazo-gamma-Azido-delta-Hydroxy-beta-Ketoesters: Evidence for a Novel Sigmatropic Rearrangement of an Allylic Azide Intermediate. *Journal of the Brazilian Chemical Society*, **1999**, 10, 231-236	1.5	21
275	A New Cyclopentannulation Approach to Bicyclo[3.3.0]octenes Employing a Tandem Michael Addition-[3 + 2]-Anionic Cyclization Sequence. *Journal of Organic Chemistry*, **1994**, 59, 3256-3258	4.2	21
274	Regiochemistry of intramolecular munchnone cycloadditions: preparative and mechanistic implications. *Journal of Organic Chemistry*, **1982**, 47, 2447-2456	4.2	21

273	Photochemical transformations of small ring heterocyclic compounds. LXV. 1,1-Cycloaddition from a 1,3-dipole. *Journal of the American Chemical Society*, **1975**, 97, 3862-3864	16.4	21
272	Photochemical transformations of small ring carbonyl compounds. XIX. Photochemistry of benzoylcyclobutanes. *Journal of the American Chemical Society*, **1969**, 91, 456-462	16.4	21
271	Photochemical transformations of small-ring heterocyclic compounds. XXXIII. Photodimerization of arylazirenes. Mechanism. *Journal of the American Chemical Society*, **1972**, 94, 1395-1397	16.4	21
270	Photochemical transformations of small ring carbonyl compounds. XXXIX. Photochemical synthesis and chemical reactivity of the tricyclo(3.2.0.0 2,6)heptan-7-ol system. *Journal of the American Chemical Society*, **1972**, 94, 5852-8	16.4	21
269	Acid-promoted cyclization reactions of tetrahydroindolinones. Model studies for possible application in a synthesis of selaginoidine. *Journal of Organic Chemistry*, **2007**, 72, 538-49	4.2	20
268	Azides. *Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs*, **2003**, 623-679		20
267	Methylsulfenylation of thioacetals as a method for synthesizing 2-thio-substituted furans. *Organic Letters*, **1999**, 1, 1559-61	6.2	20
266	Use of 2,3-dibromo-1-(phenylsulfonyl)-1-propene as a reagent for the synthesis of annulated furans. *Journal of Organic Chemistry*, **1990**, 55, 4241-4242	4.2	20
265	Silyl-substituted thioimidates as nitrile ylide equivalents. *Journal of Organic Chemistry*, **1987**, 52, 1027-1035	4.2	20
264	Synthesis and ring-opening reactions in the 1,3Pbicyclopropenyl series. *Journal of Organic Chemistry* , **1984**, 49, 856-862	4.2	20
263	Small ring heterocycles. Role of azabenzvalenes in the thermolysis of 3-cyclopropenyl substituted oxazolinones. *Journal of the American Chemical Society*, **1982**, 104, 286-288	16.4	20
262	Photochemical transformations of small-ring heterocyclic compounds. 99. 1,4-Substituent shifts in the photorearrangement of 2-hydroxymethyl-2H-azirine derivatives to N-Vinylimines. *Journal of the American Chemical Society*, **1978**, 100, 4481-4490	16.4	20
261	Photochemical transformations of small ring carbonyl compounds. XVII. Evidence for a 1,5-hydrogen transfer in the photochemistry of an aroylaziridine. *Journal of the American Chemical Society*, **1968**, 90, 2442-2444	16.4	20
260	Excimer involvement in the photoisomerization of an oxime ether. *Tetrahedron Letters*, **1974**, 15, 1083-1086		20
259	Ground-State and Photochemical Reactions in the Epoxypyrone Series1-3. *Journal of the American Chemical Society*, **1966**, 88, 3759-3765	16.4	20
258	Model studies directed toward the alkaloid mersicarpine utilizing a Rh(II)-catalyzed insertion/cycloaddition sequence. *Journal of Organic Chemistry*, **2014**, 79, 392-400	4.2	19
257	A new method for the preparation of 2-thio substituted furans by methylsulfanylation of gamma-dithiane carbonyl compounds. *Journal of Organic Chemistry*, **2002**, 67, 1595-606	4.2	19
256	Details associated with the bimolecular 1,4-dipolar cycloaddition reaction of cross-conjugated heteroaromatic betaines. *Tetrahedron*, **1995**, 51, 6651-6668	2.4	19

255	Ligand-dependent site selectivity in the Rh(II)-catalyzed decomposition of a glycine-derived diazo acetoacetamide. *Tetrahedron Letters*, **1996**, 37, 6981-6984	2	19
254	Intramolecular 1,4-dipolar cycloaddition of cross-conjugated heterocyclic betaines. A new route to hexahydrojulolidines and related peri-fused ring systems. *Journal of Organic Chemistry*, **1993**, 58, 5040-5042	4.2	19
253	A study of the rearrangement chemistry of alkynyl carbenes. *Tetrahedron Letters*, **1991**, 32, 983-986	2	19
252	Rhodium (II) catalyzed intramolecular dipolar cycloaddition reactions of carbonyl ylides. Computational and empirical studies of the regio- and chemoselective effect of catalyst ligand. *Tetrahedron Letters*, **1992**, 33, 6427-6430	2	19
251	A novel rhodium(II)-catalyzed cycloaddition reaction of .alpha.-diazo keto amides. *Journal of the American Chemical Society*, **1990**, 112, 2037-2038	16.4	19
250	Single-electron-transfer pathway in the coupling of cyclopropenyl cations with organometallic reagents. *Journal of Organic Chemistry*, **1987**, 52, 3278-3285	4.2	19
249	Carbonyl ylide formation from the rhodium (II) acetate catalyzed reaction of a □-diazoketone. *Tetrahedron Letters*, **1987**, 28, 5407-5410	2	19
248	1,3-Dipolar cycloaddition reactions of diazopyrazolinones with electron-deficient dipolarophiles. *Journal of Organic Chemistry*, **1983**, 48, 1069-1074	4.2	19
247	Cyclopropane photochemistry. 27. Cycloaddition reactions of strained ring systems. Photochemistry of 1-phenyl-2-carbomethoxy-3,3-dimethylcyclopropene. *Journal of Organic Chemistry*, **1984**, 49, 4344-4352	4.2	19
246	A new approach to pyrrolo[1,2-a]indoles using azomethine ylides. *Journal of the American Chemical Society*, **1986**, 108, 1104-1106	16.4	19
245	Utilization of the 1,4-conjugated Wittig reaction for the synthesis of substituted 1,3-cyclohexadines. *Journal of Organic Chemistry*, **1974**, 39, 1318-1320	4.2	19
244	Photochemical transformations of small ring compounds. 86. Regioselectivity of bond cleavage in the photochemical rearrangement of 3-vinylcyclopropenes. *Journal of the American Chemical Society*, **1977**, 99, 2344-2345	16.4	19
243	Intramolecular cycloaddition reactions of vinyl azides bearing alkenyl and alkynyl groups. *Journal of Organic Chemistry*, **1978**, 43, 66-72	4.2	19
242	Photoreduction of benzaldehyde N-alkylimines. *Journal of the American Chemical Society*, **1968**, 90, 4458-4459	16.4	19
241	Photochemical transformations of small ring carbonyl compounds. XX. Transannular hydrogen abstraction in small ring carbocyclic systems. *Journal of the American Chemical Society*, **1969**, 91, 462-467	16.4	19
240	Photochemical transformations of small-ring heterocyclic compounds. XXXII. Photochemical transformations in the 9-heterobicyclo[3.3.1]nonenone system. *Journal of the American Chemical Society*, **1972**, 94, 521-529	16.4	19
239	Epoxidation Studies. III. The Peracid Oxidation of Substituted Benzoylimines1-3. *Journal of the American Chemical Society*, **1965**, 87, 4365-4372	16.4	19
238	Photochemical Transformations of Small Ring Carbonyl Compounds. VIII. Photorearrangements in the Cyclopentenone Oxide Series1,2. *Journal of the American Chemical Society*, **1966**, 88, 1518-1524	16.4	19

237	New Application of the Pummerer Reaction of Imidosulfoxides for the Generation of Mesoionic Dipoles. *Journal of Organic Chemistry*, **1997**, 62, 774-775	4.2	18
236	Electrophilic Aromatic Substitution on Pyridine Rings. Intramolecular Cyclization Using N-Acyliminium Ions. *Tetrahedron Letters*, **1997**, 38, 6153-6156	2	18
235	A short synthesis of (-)-alloyohimbane via a thioisomünchnone based intramolecular dipolar-cycloaddition reaction. *Tetrahedron Letters*, **1998**, 39, 4757-4760	2	18
234	Rhodium(I)-catalyzed nucleophilic ring-opening reactions of oxabicyclo adducts derived from the [4 + 2]-cycloaddition of 2-imido-substituted furans. *Journal of Organic Chemistry*, **2006**, 71, 3210-20	4.2	18
233	Intramolecular [4+2]-cycloaddition reactions of cyclic 2-thiomethyl-5-amidofurans. *Tetrahedron Letters*, **2000**, 41, 9387-9391	2	18
232	Facile construction of novel polycyclic ring systems using a metallocarbenoid-induced cyclization of acetylenic diazo carbonyl compounds. *Organic Letters*, **2000**, 2, 2093-5	6.2	18
231	Generation and Subsequent Cycloaddition Chemistry of α-Amino Isobenzofurans Formed by Cationic Cyclization. *Tetrahedron Letters*, **1995**, 36, 9285-9288	2	18
230	Synthesis of polysubstituted anilines using the Diels-Alder reaction of methyl 5-aminofuroate. *Tetrahedron Letters*, **1996**, 37, 2903-2906	2	18
229	Significance of the anomeric effect on the configurational stability of cyclopropyl carbanions. *Tetrahedron Letters*, **1986**, 27, 2555-2558	2	18
228	Configurational properties and chemical reactivity of mono and dianions derived from aryl 2-alkoxyvinyl sulfones. *Tetrahedron Letters*, **1987**, 28, 4127-4130	2	18
227	Photochemical transformations of small-ring carbonyl compounds. *Accounts of Chemical Research*, **1971**, 4, 48-57	24.3	18
226	The Photochemistry of 4,5-Diphenyl-2-pyrone. A Mechanistic Study. *Journal of the American Chemical Society*, **1964**, 86, 4212-4213	16.4	18
225	The Relation of Cyclohexenone to Cyclohexadienone Rearrangements. Mechanistic Organic Photochemistry. XIV1. *Journal of the American Chemical Society*, **1966**, 88, 159-161	16.4	18
224	Concerning the Mechanism of the Photodeamination of 2-Benzoylaziridines1-3. *Journal of the American Chemical Society*, **1967**, 89, 102-112	16.4	18
223	Solvent and ligand effects associated with the Rh(II)-catalyzed reactions of α-diazo-substituted amido esters. *Journal of Organic Chemistry*, **2015**, 80, 1802-8	4.2	17
222	A facile synthesis of 5-alkoxypyrrol-2(5H)-ones using a modified aza-Achmatowicz oxidation. *Tetrahedron*, **2009**, 65, 6720-6729	2.4	17
221	Cyclization reactions of thio N-acyliminium ions for heterocyclic synthesis. *Tetrahedron Letters*, **1998**, 39, 4761-4764	2	17
220	Mesoionic Ring Systems. *Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs*, **2003**, 681-753		17

219	Rhodium(II)-catalyzed carbocyclization reaction of alpha-diazo carbonyls with tethered unsaturation. *Journal of Organic Chemistry*, **2000**, 65, 3722-32	4.2	17
218	A Novel Cycloaddition Reaction of □-Diazo-□amido Ketones Catalyzed by Rhodium(II) Acetate. Scope and Mechanistic Details of the Process□ *Journal of Organic Chemistry*, **1996**, 61, 2283-2292	4.2	17
217	Silver tetrafluoroborate induced reaction of trimethylsilyl enol ethers with 2,3-diiodo-1-(phenylsulfonyl)-1-propene as a method for preparing substituted furans. *Tetrahedron Letters*, **1991**, 32, 5673-5676	2	17
216	Azomethine ylide generation via the dipole cascade. *Tetrahedron*, **1992**, 48, 7565-7580	2.4	17
215	Photochemistry of cyclopropene derivatives. 34. Photocycloaddition reactions of 2-alkenyl-substituted cyclopropenes. *Journal of Organic Chemistry*, **1989**, 54, 1635-1642	4.2	17
214	Allylic 1,3-rearrangement of thiophenyl substituted sulfones. *Tetrahedron Letters*, **1987**, 28, 3193-3196	2	17
213	Utilization of vinylsilanes in [4+2]-cycloaddition reactions. *Journal of Organic Chemistry*, **1983**, 48, 3189-3195	4.2	17
212	Intramolecular photocycloaddition reaction in the 2-(4-pentenyl)-5-aryl-substituted tetrazole system. *Journal of Organic Chemistry*, **1982**, 47, 4256-4260	4.2	17
211	Photochemical transformations of small ring heterocyclic compounds. 74. A stepwise 1,3-dipolar cycloaddition reaction. *Journal of the American Chemical Society*, **1976**, 98, 2006-2008	16.4	17
210	Carbonyl group photochemistry via the enol form. Photoisomerization of 4-substituted 3-chromanones. *Journal of the American Chemical Society*, **1976**, 98, 3555-3564	16.4	17
209	Photochemical transformations of small ring compounds. 84. Photochemical transformations of 3-allyl substituted cyclopropenes. *Journal of the American Chemical Society*, **1977**, 99, 2345-2347	16.4	17
208	On the thermal transformation of allyl substituted 2-azirines to pyridines. *Tetrahedron Letters*, **1978**, 19, 433-436	2	17
207	Photochemical transformations of small ring compounds. 92. Intramolecular dipolar cycloaddition reactions with vinylbiphenyl-substituted 1,3-dipoles. *Journal of Organic Chemistry*, **1978**, 43, 381-387	4.2	17
206	N-alkenyl indoles as useful intermediates for alkaloid synthesis. *Journal of Organic Chemistry*, **2011**, 76, 9488-96	4.2	16
205	Thiocarbonyl Ylides. *Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs*, **2003**, 315-360		16
204	Intramolecular photocycloaddition of cyclic thioimides as a method for heterocyclic synthesis. *Organic Letters*, **2001**, 3, 1781-3	6.2	16
203	[2,3]-Sigmatropic rearrangement of .beta.-phenylsulfonyl propargylic sulfenates as a method for preparing 1,4-bis(phenylsulfonyl)-1,3-butadienes. *Journal of Organic Chemistry*, **1993**, 58, 5377-5385	4.2	16
202	Synthesis of polyheterocyclic ring compounds by the intramolecular cycloaddition of N-alkenyl substituted diazoimides. *Tetrahedron Letters*, **1994**, 35, 7159-7162	2	16

201	Generation of sulfur ylides by the desilylation of α-trimethylsilylbenzyl sulfonium salts. *Tetrahedron* , **1988**, 44, 4147-4156	2.4	16
200	Dimerization and cycloaddition reactions of a carbomethoxy-substituted cyclopropene. *Journal of the American Chemical Society*, **1983**, 105, 137-139	16.4	16
199	[2,3]-Sigmatropic rearrangement of sulfur ylides derived from trimethylsilyl sulfonium salts. *Journal of Organic Chemistry*, **1986**, 51, 2857-2858	4.2	16
198	Flash vacuum pyrolysis of N-allyl-substituted 1,3,4-oxadiazolin-5-ones. *Journal of Organic Chemistry*, **1980**, 45, 4065-4067	4.2	16
197	Photochemical transformations of small ring carbonyl compounds. XXX. Electron transfer in the photochemistry of azetidinyl ketones. *Journal of the American Chemical Society*, **1971**, 93, 2928-2935	16.4	16
196	Photochemical transformations of small ring heterocyclic compounds. XLII. 1,3-Dipolar cycloaddition reactions of the azomethine ylide derived from the 1,3-diazabicyclo[3.1.0]hex-3-ene system. *Journal of Organic Chemistry*, **1973**, 38, 284-288	4.2	16
195	A Novel 2.2.1-Bicyclic Elimination of a N-Tosylpyrazoline. *Journal of Organic Chemistry*, **1965**, 30, 1274-1275	4.2	16
194	Chapter 2: Cascade reactions of carbonyl ylides for heterocyclic synthesis. *Progress in Heterocyclic Chemistry*, **2009**, 20, 20-46	0.8	15
193	The tandem Pummerer-isomünchnone route to (±)-pumiliotoxin C. *Tetrahedron Letters*, **1997**, 38, 1505-1508	2	15
192	A novel asymmetric vinylogous tin-Pummerer rearrangement. *Organic Letters*, **2004**, 6, 1757-60	6.2	15
191	Synthesis of dimethylphosphorylamino diazo esters by a selective tandem Staudinger/Arbuzov rearrangement sequence of azido diazo esters with trimethylphosphite. *Tetrahedron*, **2003**, 59, 5441-5447	2.4	15
190	Extended dipolar cycloaddition reactions of 3-diazopyrazoles with electron rich olefins. *Tetrahedron Letters*, **1981**, 22, 1199-1202	2	15
189	Photochromic aziridines. The photochemical valence tautomerization and cycloaddition reactions of a substituted indano[1,2-b]aziridine. *Journal of Organic Chemistry*, **1975**, 40, 175-181	4.2	15
188	The [6+4] photocycloaddition of 3-phenyl-2,2-dimethyl-2H-azirine to fulvenes. *Tetrahedron Letters*, **1978**, 19, 93-96	2	15
187	The photochemical rearrangement of 3,4-diphenyl-4,5-epoxy-2-cyclopentene-1-one. *Tetrahedron Letters*, **1964**, 5, 813-817	2	15
186	Application of the tandem thionium/N-acyliminium ion cascade toward heterocyclic synthesis. *Journal of the Brazilian Chemical Society*, **2001**, 12, 571-585	1.5	15
185	An Approach Toward Oxidopyrylium Ylides Using Rh(II)-Catalyzed Cyclization Chemistry. *Tetrahedron Letters*, **2007**, 48, 5938-5941	2	14
184	An approach toward azacycles using photochemical and radical cyclizations of N-alkenyl substituted 5-thioxopyrrolidin-2-ones. *Journal of Organic Chemistry*, **2004**, 69, 33-45	4.2	14

183	Vinylogous Pummerer Reaction of Amido-Substituted Sulfoxides as a Method for Preparing Oxindoles and Tetrahydroisoquinolones. *Journal of Organic Chemistry*, **1995**, 60, 7082-7083	4.2	14
182	Synthesis of oxa-bicyclic ring systems via a tandem Rh(II) catalyzed cyclization-cycloaddition sequence. *Tetrahedron Letters*, **1993**, 34, 7853-7856	2	14
181	[4+1]-anionic annulation approach to phenylsulfonyl substituted cyclopentenes. *Tetrahedron Letters*, **1993**, 34, 813-816	2	14
180	A novel method of ring formation with functionalized angular methyl groups. Limitations and MM2 calculations. *Tetrahedron Letters*, **1988**, 29, 715-718	2	14
179	Higher order dipolar cycloaddition reactions of diazoazoles with electron-rich dipolarophiles. *Journal of Organic Chemistry*, **1983**, 48, 2330-2336	4.2	14
178	On the mechanism of the thermal conversion of cyclopropenyl-substituted oxazolinones to pyridines. *Journal of the American Chemical Society*, **1984**, 106, 1065-1073	16.4	14
177	An unusual example of a 1,1-cycloaddition reaction of a diazoalkane. *Tetrahedron Letters*, **1980**, 21, 1009-1012	2	14
176	Synthesis of and base-induced rearrangements in the 1,4-diazabicyclo[4.1.0]hept-4-ene system. *Journal of Organic Chemistry*, **1975**, 40, 1683-1688	4.2	14
175	Photochemical transformations of small ring heterocyclic compounds. 71. Intramolecular 1,1-cycloaddition reactions of nitrile ylides. *Journal of the American Chemical Society*, **1976**, 98, 1048-1050	16.4	14
174	On the mechanism of the thermal Cope rearrangement of allyl-substituted cyclopropenes. *Journal of the American Chemical Society*, **1978**, 100, 1321-1323	16.4	14
173	Cycloaddition studies directed toward the strychnos alkaloid minfiensine. *Tetrahedron Letters*, **2009** , 50, 3145-3147	2	13
172	Construction of bicyclic tetrahydroisoquinolinones by combination of an IMDAF-ring cleavage reaction of N-allyl-2-furan-2-yl-acetamides. *Canadian Journal of Chemistry*, **2000**, 78, 749-756	0.9	13
171	A new and convenient synthesis of 2-amidofurans using the Jacobi bis-heteroannulation method. *Tetrahedron Letters*, **1999**, 40, 1645-1648	2	13
170	Studies dealing with the cycloreversion reactions of phenyl-substituted 2,3-diazabicyclo[3.1.0]hex-2-enes. *Journal of Organic Chemistry*, **1983**, 48, 1834-1840	4.2	13
169	Photosensitized electron-transfer-induced reactions of some cyclopropene derivatives. *Journal of Organic Chemistry*, **1980**, 45, 4555-4564	4.2	13
168	Photoisomerization of 9-thiabicyclo[3.3.1]non-6-en-2-one. *Journal of the American Chemical Society*, **1969**, 91, 4000-4002	16.4	13
167	Photochemical transformations of small-ring carbonyl compounds. XXII. Observations on the scope of the photoinduced ring expansion of aroylazetidines. *Journal of the American Chemical Society*, **1970**, 92, 100-107	16.4	13
166	Photocycloaddition reactions of arylazirines with hetero-multiple bonds. *Tetrahedron Letters*, **1972**, 13, 4087-4090	2	13

165	The photochemical decomposition of α-diazoacetophenone in hydroxylic solvents. *Tetrahedron Letters*, **1965**, 6, 2167-2170	2	13
164	Convenient synthesis of N-substituted 2,4-diaryl-pyrroles. *Journal of Organic Chemistry*, **1968**, 33, 454-455	4.2	13
163	Intramolecular cycloaddition reactions of furo[3,4-b]indoles for alkaloid synthesis. *Journal of Organic Chemistry*, **2014**, 79, 3173-84	4.2	12
162	Lewis acid-promoted alpha-hydroxy beta-dicarbonyl to alpha-ketol ester rearrangement. *Tetrahedron Letters*, **2006**, 47, 8387-8390	2	12
161	On the Intramolecular 1,4-Dipolar Cycloaddition Reaction of Thiazinium Betaines for the Construction of Aza-, Diaza-, and Polyaza-Heterocyclic Ring Systems. *Synthesis*, **1995**, 1995, 973-984	2.9	12
160	An expedient synthesis of epi-eburnamenine via an intramolecular 1,4-dipolar cycloaddition reaction. *Tetrahedron Letters*, **1996**, 37, 335-338	2	12
159	RECENT DEVELOPMENTS IN THE AREA OF ANNDLATED FURANS. A REVIEW. *Organic Preparations and Procedures International*, **1991**, 23, 545-568	1.1	12
158	Benzaldehyde oxime as a 1,3-dipole chameleon. *Journal of Organic Chemistry*, **1987**, 52, 3944-3946	4.2	12
157	Stereochemical aspects of the intramolecular 1,1-cycloaddition reaction of nitrilimines. *Journal of Organic Chemistry*, **1979**, 44, 4746-4748	4.2	12
156	Photochemical transformations of small ring compounds. 112. Photochemistry of cyclopropene derivatives. Formation and intramolecular trapping reactions of vinylcarbenes. *Journal of Organic Chemistry*, **1980**, 45, 2181-2189	4.2	12
155	Photochemical reduction in the N-acylketimine system. *Journal of Organic Chemistry*, **1975**, 40, 1896-1902	4.2	12
154	Thermal rearrangement of allyl substituted 2H-azirines to 3-azabicyclo[3.1.0]hex-2-enes. *Journal of Organic Chemistry*, **1976**, 41, 180-182	4.2	12
153	Epoxidation studies. V. Oxirane radicals. Thermal decomposition of tert-butyl cis- and trans-.alpha.,.beta.-diphenylperglycidates. *Journal of Organic Chemistry*, **1969**, 34, 816-821	4.2	12
152	Aziridine series. Reactions of trans-1,3-dibenzoyl-2-phenylaziridine and related systems. *Journal of Organic Chemistry*, **1970**, 35, 2472-2478	4.2	12
151	Photochemical transformations of small-ring carbonyl compounds. XXVIII. 1,5-Hydrogen transfer in the photochemistry of aroylaziridines. *Journal of the American Chemical Society*, **1971**, 93, 1400-1408	16.4	12
150	Charge-transfer interactions in the photochemistry of 9-thiabicyclo[3.3.1.]non-6-en-2-one. *Journal of the American Chemical Society*, **1971**, 93, 1304-1305	16.4	12
149	Azirine photochemistry: cyclization of 2-styryl-2-azirines to benzazepines. *Tetrahedron Letters*, **1974**, 15, 33-36	2	12
148	The Photolysis of 7-Ketonorbornene1. *Journal of Organic Chemistry*, **1965**, 30, 2262-2264	4.2	12

147	IMDAF Cascade Approach toward the Synthesis of the Alkaloid (−)-Minfiensine. *Journal of Organic Chemistry*, **2016**, 81, 10193-10203	4.2	12
146	A new route to heterocyclic compounds by the mercuric acetate oxidation of N-alkyl substituted 4-piperidones. *Tetrahedron Letters*, **2008**, 49, 5739-5741	2	11
145	Carbonyl Ylides. *Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs*, **2003**, 253-314		11
144	A push-pull carbonyl ylide cycloaddition approach directed toward lycorine. *Tetrahedron Letters*, **1999**, 40, 4003-4006	2	11
143	Tandem [3+2]-cycloaddition [2,3]-sigmatropic rearrangement reaction of allenyl sulfoxides with nitrones. *Tetrahedron Letters*, **1989**, 30, 663-666	2	11
142	Silyl group transfer in the cycloaddition reactions of silyl iminium salts derived from aryl-substituted oximes. *Journal of Organic Chemistry*, **1989**, 54, 4430-4437	4.2	11
141	A new route to disubstituted cyclopentenones using 2,3-dibromo-1-(phenylsulfonyl)-1-propene as a pivotal reagent. *Tetrahedron Letters*, **1990**, 31, 6145-6148	2	11
140	Intramolecular [4+2]-cycloaddition chemistry of some 1,3-dienyl-substituted cyclopropenes. *Journal of Organic Chemistry*, **1990**, 55, 2478-2486	4.2	11
139	Studies dealing with the excited-state behavior of substituted 8-oxabicyclo[3.2.1]oct-6-en-2-ones. *Journal of Organic Chemistry*, **1991**, 56, 1077-1083	4.2	11
138	Electrocyclic ring opening reaction of a 1,3,4-oxadiazin-6-one into its azaketene tautomer. *Tetrahedron Letters*, **1984**, 25, 5489-5492	2	11
137	Thermal valence rearrangement of 4-acylisoxazoles to 4-acyloxazoles. *Journal of Organic Chemistry*, **1974**, 39, 1976-1977	4.2	11
136	Photochemical transformations of small ring carbonyl compounds. 101. Migratory aptitude studies in the photochemical rearrangement of 2(5H)-furanones. *Journal of the American Chemical Society*, **1978**, 100, 8247-8259	16.4	11
135	Effect of substituents in controlling the rate of the intramolecular cycloaddition reaction of allyl-substituted 2H-azirines. *Journal of Organic Chemistry*, **1978**, 43, 3757-3763	4.2	11
134	Photochemical transformations of small ring carbonyl compounds. XXIII. Photoinduced ring expansion of arylaroylazetidines. Mechanistic studies and characterization of the excited state. *Journal of the American Chemical Society*, **1970**, 92, 107-114	16.4	11
133	Isolation and chemistry of the invertomers of N-chlorobenzoylphenylaziridine. *Journal of Organic Chemistry*, **1971**, 36, 230-231	4.2	11
132	Photochemical transformations of small ring heterocyclic compounds. XXXVII. Thermal and photochemical reactions in the 1,5-diazabicyclo[5.1.0]octa-3,5-diene system. *Journal of the American Chemical Society*, **1972**, 94, 4933-4940	16.4	11
131	Photochemical Transformations of a Epoxy Ketone1. *Journal of the American Chemical Society*, **1965**, 87, 4205-4207	16.4	11
130	Photochemical analogies in mass spectra. The epoxycyclopentenone-pyrone rearrangement. *Tetrahedron Letters*, **1967**, 8, 2649-2653	2	11

129	Alkylation reactions of 3-(phenylsulfonyl)methyl substituted cyclopentenones. *Tetrahedron*, **1998**, 54, 9651-9666	2.4	10
128	Nitrile Ylides and Nitrile Imines. *Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs*, **2003**, 473-537		10
127	Periselectivity in the base-catalyzed intramolecular [2+2]-cycloaddition reaction of 3-phenylsulfonyl-substituted propynes. *Tetrahedron Letters*, **1995**, 36, 4521-4524	2	10
126	Generation and cycloaddition reactions of transient alkyl-substituted anhydro-4-hydroxythiazolium hydroxides. *Tetrahedron Letters*, **1992**, 33, 5877-5880	2	10
125	Synthesis of the benzotricyclo[3.2.0.02,7]heptene ring system via the intramolecular [2 + 2]-cycloaddition reaction of some cyclopropene derivatives. *Journal of the American Chemical Society*, **1983**, 105, 4446-4456	16.4	10
124	Intramolecular ring closure reactions of cyclopropene derivatives as a method for synthesizing novel tricyclic ring compounds. *Journal of Organic Chemistry*, **1984**, 49, 1353-1360	4.2	10
123	Diels-alder cycloadditions of 1,3,4,-oxadiazin-6-ones with electron rich pi systems. *Tetrahedron*, **1985**, 41, 283-296	2.4	10
122	Studies dealing with the intramolecular ene reaction of cyclopropene derivatives. *Journal of the American Chemical Society*, **1985**, 107, 1710-1717	16.4	10
121	Sigmatropic indenyl rearrangements induced by electronic excitation. *Journal of Organic Chemistry*, **1981**, 46, 1858-1868	4.2	10
120	Photochemical transformations of small ring carbonyl compounds. LX. Photochemistry of carbonyl compounds through the enol form. Involvement of a cyclopropanone intermediate in the photorearrangement of 4-carbomethoxy-3-chromanone. *Journal of the American Chemical Society*, **1975**, 97, 242-244	16.4	10
119	Orbital symmetry control in the photochemistry of 1,3,5-hexatrienes. *Journal of the American Chemical Society*, **1970**, 92, 5803-5804	16.4	10
118	Photoelimination of a .beta.-oxo sulfide with a low-lying .pi.-.pi.* triplet state. *Journal of Organic Chemistry*, **1971**, 36, 3550-3552	4.2	10
117	Photochemical transformations of small ring carbonyl compounds. XL. Photochemistry of exo- and endo-5-benzoylbicyclo[2.1.1]hexane. *Journal of the American Chemical Society*, **1972**, 94, 5859-5866	16.4	10
116	A novel thermal epoxidation of a bicyclo[3.1.0]hex-2-ene by molecular oxygen. *Tetrahedron Letters*, **1973**, 14, 1045-1048	2	10
115	Reaction of aziridine and oxirane derivatives with diphenyliodonium iodide. *Journal of Organic Chemistry*, **1968**, 33, 1317-1322	4.2	10
114	Synthetic Applications of Carbonyl Ylides Generated via the Tandem Cyclization Cycloaddition Reaction of Rhodium Carbenoids. *Journal of the Chinese Chemical Society*, **1993**, 40, 97-112	1.5	9
113	Cycloaddition reactions of strained ring systems. Photosensitized [2 + 2] cycloadditions of 2-(acyloxy)-substituted cyclopropenes. *Journal of Organic Chemistry*, **1985**, 50, 5334-5341	4.2	9
112	Photochemistry of cyclopropene derivatives. 20. Deuterium isotope effects in the triplet-induced photochemistry of tetrasubstituted cyclopropenes. *Journal of the American Chemical Society*, **1981**, 103, 3057-3068	16.4	9

111	Sigmatropic rearrangements in the allyl substituted oxazolinone system. *Tetrahedron Letters*, **1981**, 22, 2435-2438	2	9
110	On the stereochemical aspects of the 1,1-cycloaddition reaction of diazoalkenes. *Tetrahedron Letters*, **1981**, 22, 187-190	2	9
109	Regiochemical aspects associated with the cycloaddition of diazopyrazolinones to electron deficient acetylenes. *Tetrahedron Letters*, **1982**, 23, 2167-2170	2	9
108	Photochemical transformations of small ring heterocyclic systems. LVI. Photocycloaddition in the .beta.-naphthyl-substituted azirine system. *Journal of Organic Chemistry*, **1974**, 39, 1396-1400	4.2	9
107	A novel substituent effect in the intramolecular cycloaddition reactions of nitrile ylides. *Journal of the American Chemical Society*, **1977**, 99, 2798-2800	16.4	9
106	Photochemical transformations of small-ring carbonyl compounds. XXVI. Ground-state and photochemical reactions in the thiacyclobutane series. *Journal of Organic Chemistry*, **1970**, 35, 1781-1788	4.2	9
105	Thermal and base-induced transformations of epoxy-N-nitrosocarbamates. *Journal of Organic Chemistry*, **1972**, 37, 805-812	4.2	9
104	Mechanism and stereochemical control in the thermal rearrangement of aziridinyl ketones to pyrroles. *Journal of the American Chemical Society*, **1973**, 95, 7168-7169	16.4	9
103	Photochemical transformations of small ring heterocyclic compounds. L. Tautomeric control of the photochemistry of 3-phenylbenzofuran-2-one. *Journal of the American Chemical Society*, **1973**, 95, 6147-6149	16.4	9
102	The Oxidation of Substituted Aziridines with Peracids1. *Journal of Organic Chemistry*, **1966**, 31, 1995-1996	4.2	9
101	Novel photoinduced ring expansion of 1-tert-butyl-2-phenyl-3-benzoylazetidine. *Journal of the American Chemical Society*, **1967**, 89, 3077-3078	16.4	9
100	Contrast of photochemical and pyrolytic models for mass spectral fragmentation. Dealkylation of N-alkyl-2,4-diphenylpyrroles.. *Tetrahedron Letters*, **1968**, 9, 3659-3662	2	9
99	8H-Anhydro-4-hydroxy-2-oxo-1,3-thiazinium Hydroxides as Mesoionic 1,4-Dipoles. *Heterocycles*, **1995**, 41, 1631	0.8	8
98	Application of the 2,3-sigmatropic rearrangement of □-sulfonyl acetylenic carbinols toward the synthesis of 1,4-bis(phenylsulfonyl)-1,3-butadienes. *Tetrahedron Letters*, **1992**, 33, 7303-7306	2	8
97	Bimolecular 4+2-cycloaddition reactions of cross conjugated betaines with Electron rich □-systems. *Tetrahedron Letters*, **1993**, 34, 5405-5408	2	8
96	Nucleophilic substitution reactions of 1-sulfonyl substituted cyclopropenes with alkyl lithium reagents. *Tetrahedron Letters*, **1986**, 27, 5817-5820	2	8
95	Preparation of alkyl substituted 1,3,4-oxadiazin-6-ones by the DCC induced cyclization of 2-oxoalkanoic acid acylhydrazones. *Journal of Heterocyclic Chemistry*, **1985**, 22, 61-64	1.9	8
94	Photochemical transformations of small ring compounds. 104. Stereochemical course of the thermal and photosensitized intramolecular [2 + 2] cycloaddition reaction of allyl-substituted cyclopropenes. *Journal of the American Chemical Society*, **1979**, 101, 3390-3392	16.4	8

93	Photochemical transformations of small ring compounds. 109. Photochemical migratory aptitudes in the di-.pi.-methane rearrangement of 5,5-diaryl-substituted 2,5-dihydrofurans. *Journal of Organic Chemistry*, **1979**, 44, 4021-4030	4.2	8
92	Photochemical transformations of small ring carbonyl compounds. LV. Involvement of an enol tautomer in the photoisomerization of 4-phenyl-3-chromanone to 4-phenyldihydrocoumarin. *Journal of the American Chemical Society*, **1974**, 96, 1634-1636	16.4	8
91	Photochemical transformations of small ring heterocyclic compounds. 88. Photochemical rearrangements of 4,7-dimethyl-3-chromanone and related compounds. *Journal of Organic Chemistry*, **1977**, 42, 3076-3082	4.2	8
90	Thermal and solvolytic studies with the 2-phenylbicyclo [1.1.1] pentan-2-ol system. *Journal of the American Chemical Society*, **1970**, 92, 5674-5681	16.4	8
89	Synthesis and reactivity of an exo,endo-4,6-disubstituted bicyclo{3.1.0}hex-2-ene. *Journal of Organic Chemistry*, **1973**, 38, 4007-4011	4.2	8
88	The Photochemical Deamination of a 2-Benzoylaziridine. *Journal of the American Chemical Society*, **1965**, 87, 1821-1822	16.4	8
87	Synthesis of N-vinyl substituted indoles and their acid-catalyzed behavior. *Tetrahedron Letters*, **2011**, 52, 2062-2064	2	7
86	Stereoselective reductions of N-Boc-hexahydro-1H-indolin-5(6H)-ones. *Tetrahedron Letters*, **2007**, 48, 1939-1943	2	7
85	Aza-claisen rearrangements in the 2-allyloxy substituted oxazole system. *Tetrahedron Letters*, **1982**, 23, 915-918	2	7
84	Generation of 2-phenylazirinylidene from the photolysis of 2-phenyl-1-azaspiro[2.2]pent-1-ene. *Journal of the American Chemical Society*, **1975**, 97, 5912-5914	16.4	7
83	Photochemical transformations of small ring heterocyclic compounds. 91. Photochemistry of the chroman and 3-chromanone ring systems. An example of tautomeric control of excited-state chemistry. *Journal of Organic Chemistry*, **1978**, 43, 303-310	4.2	7
82	Intramolecular [4+2]-Cycloaddition of 5-Amino-Substituted Oxazoles as an Approach toward the Left-Hand Segment of Haplophytine. *Synlett*, **2011**, 2011, 215-218	2.2	6
81	Asymmetric Reactions. *Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs*, **2003**, 817-899		6
80	A Novel Trimethylsilyl Triflate-Promoted Annulation of N-Acetoacetylated Alkenyl Amides. *Journal of Organic Chemistry*, **1995**, 60, 2952-2953	4.2	6
79	Studies dealing with cycloaddition and sigmatropic reactions of cyclopropenyl-substituted indenes. *Journal of Organic Chemistry*, **1991**, 56, 4747-4753	4.2	6
78	Kinetics of the Reaction of Electron Deficient Olefins with Nitrile Ylides Generated by Laser Flash Photolysis of Substituted Azirines. *Angewandte Chemie International Edition in English*, **1983**, 22, 625-627		6
77	Control of regioselectivity in the intramolecular cycloaddition reaction of an olefinic tosylhydrazone. *Tetrahedron Letters*, **1979**, 20, 4425-4428	2	6
76	Synthesis of the benzotricyclooctane ring system. Intramolecular [2 + 2] cycloaddition of indene derivatives. *Journal of Organic Chemistry*, **1982**, 47, 3893-3902	4.2	6

75	Reaction of 2H-azirines with nitrones. *Journal of Organic Chemistry*, **1974**, 39, 2651-2653	4.2	6
74	Photochemical transformations of small ring compounds. 98. Hydrogen atom transfer reactions in the photochemistry of tetrasubstituted cyclopropenes. *Journal of the American Chemical Society*, **1978**, 100, 3928-3930	16.4	6
73	Photochemical transformation of small-ring carbonyl compounds. XXI. Thermal reorganization of phenylbicyclo[1.1.1]pentanol. *Journal of the American Chemical Society*, **1968**, 90, 6871-6873	16.4	6
72	Conjugation Effects on the Low-Intensity Electronic Transition of Small-Ring Carbonyl Compounds1,2. *Journal of Organic Chemistry*, **1966**, 31, 1244-1248	4.2	6
71	Studies on the becarbonylation and decarboxylation reactions of 5,6-epoxy-4,5-diphenyl-2-pyrone. *Tetrahedron Letters*, **1966**, 7, 2277-2281	2	6
70	Cyclization?cycloaddition cascades for the construction of azapolycyclic ring systems. *Canadian Journal of Chemistry*, **2001**, 79, 1681-1693	0.9	6
69	Asymmetric reactions employing 1,3-dipoles. *Chemistry of Heterocyclic Compounds*, **2016**, 52, 616-626	1.4	5
68	Use of Rhodium Carbenoid Intermediates for Dipolar Cycloaddition Chemistry. *Progress in Heterocyclic Chemistry*, **2017**, 29, 45-64	0.8	5
67	Use of 2,3-bis(phenylsulfonyl)-1,3-butadiene as a reagent for the synthesis of azapolycyclic ring systems. *Journal of Sulfur Chemistry*, **2013**, 34, 7-16	2.3	5
66	Nitronates. *Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs*, **2003**, 83-167		5
65	A New Construct of the cis-3a-Aryloctahydroindole Skeleton via the [4+2] Cycloaddition of Furanyl Carbamates. *Heterocycles*, **2002**, 58, 227	0.8	5
64	Heterocyclic Synthesis using the Pummerer Reaction. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1999**, 153, 23-40	1	5
63	The co-oxidation of conjugated enynes. A convenient synthesis of ╫sulfoxy acetylenic carbinols. *Tetrahedron Letters*, **1992**, 33, 5917-5920	2	5
62	Photochemical rearrangement of 8-oxabicyclo[3.2.1]oct-6-en-2-ones. *Tetrahedron Letters*, **1988**, 29, 6889-6892		5
61	Dipolar cycloaddition reactions of diazoindene and the thermal behavior of the cycloadducts. *Canadian Journal of Chemistry*, **1984**, 62, 2506-2514	0.9	5
60	Deuterium isotope effects in the intramolecular hydrogen transfer reactions of some 1-alkyl substituted cyclopropenes. *Journal of Organic Chemistry*, **1986**, 51, 3738-3739	4.2	5
59	Photochemical transformations of small ring carbonyl compounds. 68. Photochemical rearrangement in the 2(5H)-furanone system. *Journal of the American Chemical Society*, **1975**, 97, 4779-4781	16.4	5
58	Alkoxide-induced transformations of epoxy-N-nitrosocarbamates. *Journal of the American Chemical Society*, **1969**, 91, 5178-5180	16.4	5

57	Solvolytic reactivity of 2-phenylbicyclo[1.1.1]pentan-2-ol p-nitrobenzoate. *Journal of the American Chemical Society*, **1970**, 92, 1796-1797	16.4	5
56	Photochemical transformation of small ring carbonyl compounds. XXV. Photochemical synthesis of the tricyclo[3.2.0.026]heptane system. *Journal of the American Chemical Society*, **1970**, 92, 2590-2591	16.4	5
55	Unsaturated Mactocyclic Compounds. XXVI. Synthesis of Bisdehydro-[12]Annulene (Cyclododecatetraenediyne) and Biphenylene from 1,5-Hexadiyne. *Journal of the American Chemical Society*, **1962**, 84, 2844-2845	16.4	5
54	3-Benzoyloxaziranes; a new rearrangement to substituted N,N-diacylamines. *Tetrahedron Letters*, **1964**, 5, 2001-2008	2	5
53	Rhodium(II) catalyzed cyclopropanation/cycloaddition reactions of the bis(diazo)piperidin-2-one system. *Tetrahedron Letters*, **2015**, 56, 3127-3129	2	4
52	Chapter 3 Three-membered ring systems. *Progress in Heterocyclic Chemistry*, **1997**, 9, 43-63	0.8	4
51	Chapter 3 Three-membered ring systems. *Progress in Heterocyclic Chemistry*, **2002**, 14, 52-74	0.8	4
50	Reações de inserção intramolecular de diazo compostos polifuncionais catalisadas por ródio(II): síntese de oxetan-3-ona-2-carboxilato e outros heterociclos funcionalizados. *Quimica Nova*, **1999**, 22, 815-820	1.6	4
49	Photochemistry of cyclopropene derivatives. Intramolecular hydrogen transfer reaction of some 1-(alkyl-substituted)cyclopropenes. *Journal of Organic Chemistry*, **1988**, 53, 4193-4201	4.2	4
48	Photochemical transformations of small ring compounds. 107. Studies dealing with the intramolecular hydrogen atom transfer reaction of tetrasubstituted cyclopropenes. *Journal of the American Chemical Society*, **1979**, 101, 5743-5759	16.4	4
47	1,3-dipolar cycloaddition of benzonitrile oxide with vinylsilanes. *Tetrahedron Letters*, **1982**, 23, 3219-3222	2	4
46	Photochemical rearrangement of 2,5-diphenyl-3 (2)-furanone. *Tetrahedron Letters*, **1976**, 17, 2409-2412	2	4
45	On the mechanism of the photochemical rearrangement of 3-phenyl substituted cyclopropenes to indenes. *Tetrahedron Letters*, **1977**, 18, 2847-2850	2	4
44	Intramolecular 1,3-dipolar cycloadditions of vinyl azides. *Tetrahedron Letters*, **1977**, 18, 551-554	2	4
43	Photochemical transformations of small ring carbonyl compounds. XVIII. Deuterium isotope effects in the photochemistry of an azetidine ketone. *Journal of the American Chemical Society*, **1968**, 90, 4456-4458	16.4	4
42	Absence of pyramidal inversion in a cyclic thiolsulfinate. *Tetrahedron Letters*, **1969**, 10, 2133-2136	2	4
41	Photocyclization of substituted 2,2?-divinylbiphenyl derivatives to tetrahydropyrenes. *Tetrahedron Letters*, **1974**, 15, 4471-4474	2	4
40	A Solvent Effect in Alkoxy Radical Decomposition. *Journal of the American Chemical Society*, **1962**, 84, 2845-2846	16.4	4

39	2,3-Bis(phenylsulfonyl)-1,3-butadiene-mediated syntheses of piperidone derivatives. *Journal of Sulfur Chemistry*, **2013**, 34, 88-103	2.3	3
38	Chapter 2 Application of diels-alder cycloaddition chemistry for heterocyclic synthesis. *Progress in Heterocyclic Chemistry*, **1995**, 7, 21-42	0.8	3
37	Synthesis of the benzotricyclo[3.2.0.02,7]heptene ring system via an intramolecular (2 + 2) cycloaddition reaction. *Journal of Organic Chemistry*, **1979**, 44, 3273-3275	4.2	3
36	Photochemical transformations of small ring compounds. 116. Photochemistry of cyclopropene derivatives. Synthesis of the tricyclo[2.2.0.02,6]hexane ring system via a photosensitized [2 + 2] cycloaddition reaction. *Journal of the American Chemical Society*, **1981**, 103, 7202-7210	16.4	3
35	Cycloadditiion of 3-phenylsydnone with cyclooctatetraene. *Tetrahedron Letters*, **1982**, 23, 11-14	2	3
34	The thermal dimerization of ,-1,3-cyclooctadiene. *Tetrahedron Letters*, **1970**, 11, 4653-4656	2	3
33	The photochemistry of C10Cl8O2, m.p. 190°. A stereochemical structure reassignment. *Tetrahedron Letters*, **1971**, 12, 3161-3164	2	3
32	Deuterium isotope effects in the norrish type II elemination of a ketone with multiple available sites.. *Tetrahedron Letters*, **1968**, 9, 5795-5798	2	3
31	Ammonium Ylides as Building Blocks for Alkaloid Synthesis **2012**, 433-484		2
30	A Practical and Efficient Synthesis of -Diazo Alkynyl Substituted Esters. *Synlett*, **1997**, 1997, 189-190	2.2	2
29	Highly Stereoselective Vinylogous Pummerer Rearrangement. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2005**, 180, 1497-1498	1	2
28	Effect of External Reagents. *Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs*, **2003**, 755-815		2
27	The evolution of a heterocyclic chemist. From photochemistry to alkaloids. *Journal of Heterocyclic Chemistry*, **1999**, 36, 1349-1364	1.9	2
26	Reaction of hydrazonyl chlorides and carboalkoxymethylene triphenylphosphoranes to give 5-alkoxy substituted pyrazoles. *Journal of Heterocyclic Chemistry*, **1987**, 24, 1225-1227	1.9	2
25	Intramolecular [2 + 2] cycloaddition reactions of indene derivatives as a route to polycyclic strained ring systems. *Journal of the American Chemical Society*, **1980**, 102, 6386-6388	16.4	2
24	Synthesis of Polycyclic Ring Systems via Intramolecular [2 + 2]-Cycloaddition Reactions of Cyclopropene Derivatives. *Israel Journal of Chemistry*, **1981**, 21, 157-163	3.4	2
23	Effects of substituents on the type II photoreaction of tetrasubstituted cyclopropenes. *Tetrahedron* , **1981**, 37, 3269-3274	2.4	2
22	Photochemical transformations of small ring carbonyl compounds. 85. Solvent control of migratory aptitudes in the photochemical rearrangement of 2(5H)-furanones. *Journal of the American Chemical Society*, **1977**, 99, 2347-2348	16.4	2

21	Photochemical reduction of N-aroyldiphenylketimines. *Tetrahedron Letters*, **1972**, 13, 1053-1056	2	2
20	Use of sulfur fragments for the synthesis of nitrogen heterocycles. *Pure and Applied Chemistry*, **2012**, 85, 701-720	2.1	1
19	Kinetik der Reaktion elektronenarmer Olefine mit Nitril-Yliden, die durch Laser-Blitzphotolyse substituierter Azirine hergestellt wurden. *Angewandte Chemie*, **2006**, 95, 647-648	3.6	1
18	Utilization of 1,2-Thioalkyl Shifts for Alkaloid Synthesis. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2005**, 180, 1149-1159	1	1
17	Rearrangement in the 1,3?-bicyclopropenyl series. *Tetrahedron Letters*, **1983**, 24, 983-986	2	1
16	On the mechanism of the photoisomerization reaction of aryl substituted indenes. *Tetrahedron Letters*, **1979**, 20, 4895-4898	2	1
15	The acid catalyzed rearrangement of a cyclopentenone oxide. *Tetrahedron Letters*, **1965**, 6, 1049-1052	2	1
14	Epoxidation studies of N-diarylmethylene-benzamides. *Tetrahedron Letters*, **1965**, 6, 879-883	2	1
13	Reactions of arylaroylaziridines with diphenyliodonium iodide. *Tetrahedron Letters*, **1967**, 8, 1861-1864	2	1
12	Norrish type I behavior in the photochemistry of cyclopropene derivatives. *Tetrahedron Letters*, **1979**, 20, 219-222	2	0
11	The photosensitized rearrangement of aryl-substituted tricyclo[2.2.0.02,6]hexanes to bicyclo[3.1.0]hex-2-enes. *Tetrahedron Letters*, **1979**, 20, 1671-1674	2	0
10	Silver(I) induced rearrangement of the benzotricyclo[3.2.0.02,7]heptene ring system. *Tetrahedron Letters*, **1981**, 22, 1487-1490	2	0
9	Reaction of phenylchlorodiazirine with alkyllithium reagents. *Tetrahedron Letters*, **1967**, 8, 4035-4037	2	
8	On the photochemistry of an amino-acrylophenone derivative. *Tetrahedron Letters*, **1968**, 9, 5303-5306	2	
7	Novel rearrangements resulting from the action of hydrazines on cis-dibenzoylstileene oxide. *Tetrahedron Letters*, **1968**, 9, 281-284	2	
6	N-Benzyl-N-methoxymethyl-N-(trimethylsilyl)methylamine as an Azomethine Ylide Equivalent: 2,6-dioxo-1-phenyl-4-be		
5	2,3-Dibromo-1-(Phenylsulfonyl)-1-Propene as a Versatile Reagent for the Synthesis of Furans and Cyclopentenones: 2-Methyl-4-[(Phenyl-Sulfonyl)Methyl]Furan and 2-Methyl-3-[(Phenylsulfonyl)Methyl]-2-Cyclopenten-1-		
4	Preparation of Chlorophenyldiazirine and Thermal Generation of Chlorophenyl Carbene: 1,2-Diphenyl-3-methylcyclopr		