Curt Wentrup

List of Publications by Year in descending order

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382 papers	9,789 citations	50170 46 h-index	102304 66 g-index
428 all docs	428 docs citations	428 times ranked	3665 citing authors

#	Article	IF	Citations
1	Benzyne, cyclohexyne, and 3-azacyclohexyne and the problem of cycloalkyne versus cycloalkylideneketene genesis. Journal of the American Chemical Society, 1988, 110, 1874-1880.	6.6	165
2	Î±-Oxoketenes - Preparation and Chemistry. Synthesis, 1994, 1994, 1219-1248.	1.2	131
3	Interconversions of Phenylcarbene, Cycloheptatetraene, Fulvenallene, and Benzocyclopropene. A Theoretical Study of the C7H6 Energy Surface. Journal of Organic Chemistry, 1996, 61, 7022-7029.	1.7	128
4	Tautomeric equilibrium and hydrogen shifts of tetrazole in the gas phase and in solution. Journal of the American Chemical Society, 1993, 115, 2465-2472.	6.6	123
5	Nitrile Imines: Matrix Isolation, IR Spectra, Structures, and Rearrangement to Carbodiimides. Journal of the American Chemical Society, 2012, 134, 5339-5350.	6.6	116
6	Isolation of diazacycloheptatetraenes from thermal nitrene-nitrene rearrangements. Journal of the American Chemical Society, 1980, 102, 6159-6161.	6.6	115
7	Nitrile Imines: From Matrix Characterization to Stable Compounds. Angewandte Chemie International Edition in English, 1994, 33, 527-545.	4.4	112
8	Flash Vacuum Pyrolysis of Azides, Triazoles, and Tetrazoles. Chemical Reviews, 2017, 117, 4562-4623.	23.0	106
9	Rearrangements and interconversions of carbenes and nitrenes. , 1976, 62, 173-251.		105
10	Nitrenes, Carbenes, Diradicals, and Ylides. Interconversions of Reactive Intermediates. Accounts of Chemical Research, 2011, 44, 393-404.	7.6	102
11	Carbenes and Nitrenes: Recent Developments in Fundamental Chemistry. Angewandte Chemie - International Edition, 2018, 57, 11508-11521.	7.2	101
12	Reactive nitrogenous molecules from Meldrum's acid derivatives, pyrrole-2,3-diones, and isoxazolones. Journal of Organic Chemistry, 1984, 49, 2772-2779.	1.7	93
13	Hetarylnitrenesâ€"II. Tetrahedron, 1970, 26, 4969-4983.	1.0	92
14	Pyrolysis of 1(H)-triazoloarenes. Tetrahedron, 1970, 26, 3965-3981.	1.0	89
15	The Benzyne Story. Australian Journal of Chemistry, 2010, 63, 979.	0.5	89
16	Carbenes and Nitrenes in Heterocyclic Chemistry: Intramolecular Reactions. Advances in Heterocyclic Chemistry, 1981, , 231-361.	0.9	84
17	ESR Observation of Thermally Produced Triplet Nitrenes and Photochemically Produced Triplet Cycloheptatrienylidenes. Angewandte Chemie International Edition in English, 1986, 25, 480-482.	4.4	82
18	N-Sulfides. Dinitrogen sulfide, thiofulminic acid, and nitrile sulfides. Chemical Reviews, 1991, 91, 363-373.	23.0	80

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19	Imidoylketeneâ^'Oxoketenimine Interconversion. Rearrangement of a Carbomethoxyketenimine to a Methoxyimidoylketene and 2-Methoxy-4-quinolone. Journal of Organic Chemistry, 1996, 61, 1363-1368.	1.7	74
20	Synthesis of .alpha.-cyano carbonyl compounds by flash vacuum thermolysis of (alkylamino)methylene derivatives of Meldrum's acid. Evidence for facile 1,3-shifts of alkylamino and alkylthio groups in imidoylketene intermediates. Journal of Organic Chemistry, 1991, 56, 970-975.	1.7	71
21	The Rearrangements of Naphthylnitrenes:Â UV/Vis and IR Spectra of Azirines, Cyclic Ketenimines, and Cyclic Nitrile Ylides. Journal of the American Chemical Society, 2004, 126, 237-249.	6.6	70
22	Thermochemistry of carbene and nitrene rearrangements. Tetrahedron, 1974, 30, 1301-1311.	1.0	68
23	Nitrenes, Diradicals, and Ylides. Ring Expansion and Ring Opening in 2-Quinazolylnitrenes. Journal of Organic Chemistry, 2006, 71, 4049-4058.	1.7	68
24	Primary ethynamines (HC.tplbond.CNH2, PhC.tplbond.CNH2), aminopropadienone (H2NCH:C:C:O), and imidoylketene (HN:CHCH:C:O). Preparation and identification of molecules of cosmochemical interest. Journal of the American Chemical Society, 1988, 110, 1337-1343.	6.6	66
25	Synergic nucleophilic and electrophilic properties of carbenes. Synthesis of carbazoles, azafluorenes, .delta.-carbolines, and pyrido- and pyrimido[2,1-a]isoindoles by carbene rearrangement. Tracer studies of the mechanisms and an analysis of the carbon-13 NMR spectra of azafluorenes. Journal of the American Chemical Society, 1975, 97, 7467-7480.	6.6	64
26	Azulene-naphthalene rearrangement. Involvement of 1-phenylbuten-3-ynes and 4-phenyl-1,3-butadienylidene. Journal of the American Chemical Society, 1980, 102, 5110-5112.	6.6	64
27	Dipivaloylketene and its dimers. [2+4] Versus [2+2] cycloaddition reactions of .alpha.-oxo ketenes. Journal of Organic Chemistry, 1992, 57, 7078-7083.	1.7	64
28	Reactivity of Carbenes and Ketenes in Low-Temperature Matrices. Carbene CO Trapping, Wolff Rearrangement, and Keteneâ^'Pyridine Ylide (Zwitterion) Observation. Journal of the American Chemical Society, 1996, 118, 12598-12602.	6.6	64
29	Aryliminopropadienoneâ^'C-Amidoketenimineâ^' Amidinoketeneâ^'2-Aminoquinolone Cascades and the Ynamineâ^'Isocyanate Reaction. Journal of Organic Chemistry, 1999, 64, 3608-3619.	1.7	64
30	Intramolecular cyclization of nitrile imines. Synthesis of indazoles, fluorenes, and aza analogs. Journal of Organic Chemistry, 1978, 43, 2037-2041.	1.7	63
31	Acetylketene: Conformational Isomerism and Photochemistry. Matrix Isolation Infrared and Ab Initio Studies. Journal of Organic Chemistry, 1995, 60, 1686-1695.	1.7	63
32	A Thermally Populated, Perpendicularly Twisted Alkene Triplet Diradical. Angewandte Chemie - International Edition, 2016, 55, 14600-14605.	7.2	61
33	Thermal Interconversion of Phenylcarbene and Tropylidene. Preliminary communication. Helvetica Chimica Acta, 1970, 53, 1459-1463.	1.0	60
34	2,5-Dithiacyclopentylideneketene and ethenedithione, S:C:C:S, generated by flash vacuum pyrolysis. Journal of the American Chemical Society, 1991, 113, 3130-3135.	6.6	59
35	HCN dimers: iminoacetonitrile and N-cyanomethanimine. Journal of the American Chemical Society, 1991, 113, 7261-7276.	6.6	58
36	Reactivity of Ketenes in Matrices. Direct Observation of Keteneâ^'Pyridine Ylides. Journal of the American Chemical Society, 1996, 118, 5634-5638.	6.6	58

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37	1H-Benzazirines. Intermediates in the ring contraction of iminocyclohexadienylidenes and arylnitrenes. Journal of the American Chemical Society, 1976, 98, 1258-1259.	6.6	57
38	Interrelationship between carboxyvinylketenes, methyleneketenes, vinylketenes, and hydroxyacetylenes. Journal of the American Chemical Society, 1988, 110, 1880-1883.	6.6	56
39	The Curtius Rearrangement of Acyl Azides Revisited - Formation of Cyanate (R-O-CN). European Journal of Organic Chemistry, 2005, 2005, 4521-4524.	1.2	56
40	2-Pyridylnitreneâ^'1,3-Diazacyclohepta-1,2,4,6-tetraene Rearrangements in the Trifluoromethyl-2-pyridyl Azide Series1a. Journal of the American Chemical Society, 1996, 118, 4009-4017.	6.6	55
41	Flash Vacuum Pyrolysis: Techniques and Reactions. Angewandte Chemie - International Edition, 2017, 56, 14808-14835.	7.2	55
42	Phenylnitrene, Phenylcarbene, and Pyridylcarbenes. Rearrangements to Cyanocyclopentadiene and Fulvenallene. Journal of the American Chemical Society, 2014, 136, 15203-15214.	6.6	53
43	Direct Observation of a Carbeneâ^'Pyridine Ylide by Matrix IR Spectroscopy. Rearrangements of 2-Pyridylacylcarbenes. Journal of the American Chemical Society, 2000, 122, 1945-1948.	6.6	52
44	A New Synthesis of Fulminic Acid. Angewandte Chemie International Edition in English, 1979, 18, 467-468.	4.4	51
45	Mono-, Di-, and Trinitrenes in the Pyridine Series. Journal of the American Chemical Society, 2000, 122, 1572-1579.	6.6	51
46	Electron impact and chemical ionization mass spectrometry of heterocumulenes produced by flash vacuum pyrolysis. Rapid Communications in Mass Spectrometry, 1992, 6, 249-253.	0.7	46
47	Imidoylketene - oxoketenimine rearrangement. Facile 1,3-shift of an alkoxy group. Tetrahedron Letters, 1995, 36, 6547-6550.	0.7	46
48	Dipivaloylketene and its unusual dimerization to a permanently stable .alpha.-oxoketene. Journal of the American Chemical Society, 1991, 113, 4234-4237.	6.6	45
49	Iminoethenethiones, RN:C:C:S: Characterization by Neutralization-Reionization Mass Spectrometry and G2(MP2) Theory. Journal of the American Chemical Society, 1994, 116, 2005-2013.	6.6	45
50	Chemistry of Stable Iminopropadienones, RNCCCO. Journal of Organic Chemistry, 2002, 67, 2619-2631.	1.7	45
51	Alkyl Cyanates. VI. Chemical Reactions of Alkyl Cyanates.. Acta Chemica Scandinavica, 1966, 20, 2091-2106.	0.7	45
52	On the Ring-Expansion in Aromatic Nitrenes and Carbenes. Helvetica Chimica Acta, 1974, 57, 2111-2124.	1.0	44
53	4,6-Dimethyl-o-quinone Methide and 4,6-Dimethylbenzoxete. Journal of Organic Chemistry, 1998, 63, 9806-9811.	1.7	44
54	Nitrile Imines: Thermal Generation, Direct Observation, and Subsequent Trapping. Angewandte Chemie International Edition in English, 1985, 24, 56-57.	4.4	43

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55	Direct observation of .alpha.-oxo ketenes formed from 1,3-dioxin-4-ones and the enols of .beta.-keto esters. Journal of Organic Chemistry, 1991, 56, 2286-2289.	1.7	43
56	A General and Facile Synthesis of Aryl- and Hetero-arylacetylenes. Angewandte Chemie International Edition in English, 1978, 17, 609-610.	4.4	42
57	Organic fulminates, R-O-NC. Journal of Organic Chemistry, 1981, 46, 1046-1048.	1.7	42
58	Generation of NitrileN-Sulfide (RCNS) Radical Cations and Neutrals via Ionâ^'Molecule Reactions:Â Tandem Mass Spectrometry and ab Initio MO Study. Journal of Physical Chemistry A, 1997, 101, 6970-6975.	1.1	42
59	Facile Keteneâ^'Ketene and Keteneâ^'Ketenimine Rearrangements:Â A Study of the 1,3-Migration of Î±-Substituents Interconverting Î±-Imidoylketenes and Î±-Oxoketenimines, a Pseudopericyclic Reaction. Journal of Organic Chemistry, 2004, 69, 1909-1918.	1.7	42
60	Formation of Cumulenes, Triple-Bonded, and Related Compounds by Flash Vacuum Thermolysis of Five-Membered Heterocycles. European Journal of Organic Chemistry, 2001, 2001, 2209-2220.	1.2	41
61	3-Pyridylcarbene and 3-Pyridylnitrene:â€‰ Ring Opening to Nitrile Ylides. Journal of the American Chemical Society, 2003, 125, 9083-9089.	6.6	41
62	Flash Pyrolysis of 4-Arylmethylidene-oxazolones and -isoxazolones. A Versatile Synthesis of Arylacetylenes. Preliminary communication. Helvetica Chimica Acta, 1976, 59, 2615-2617.	1.0	40
63	Acyl- and Thioacylketenes: Synthesis of 3-Benzoly-4-phenylthiet-2-one. Angewandte Chemie International Edition in English, 1984, 23, 800-802.	4.4	40
64	2-Quinoxalinylnitrenes and 4-Quinazolinylnitrenes: Rearrangement to Cyclic and Acyclic Carbodiimides and Ring-Opening to Nitrile Ylides. Journal of the American Chemical Society, 2011, 133, 5413-5424.	6.6	40
65	A Novel Ketoketeneâ€" Ketoketene Rearrangement. Angewandte Chemie International Edition in English, 1984, 23, 802-802.	4.4	39
66	Methyleneketeneâ€"imidoylketeneâ€"oxoketenimine rearrangements. Journal of the Chemical Society Chemical Communications, 1992, .	2.0	39
67	Cyanoketene and Iminopropadienones. Journal of Organic Chemistry, 1997, 62, 4240-4247.	1.7	39
68	The aromatic nitreneâ€"carbene interconversion. Challenge, 1969, .	0.4	38
69	Nitrogen scrambling in 2-pyridylnitrene. Challenge, 1969, , 1387.	0.4	38
70	Nitrile imine and carbene rearrangements. From furfural to benzofulvene-8-carboxaldehyde, 8-benzofulvenylcarbene, and 1-vinylideneindene. Journal of Organic Chemistry, 1980, 45, 1407-1409.	1.7	38
71	Dinitrogen sulfide. Journal of Organic Chemistry, 1986, 51, 1908-1910.	1.7	38
72	Structure of nitrilimine: allenic or propargylic?. Journal of the American Chemical Society, 1993, 115, 7743-7746.	6.6	38

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73	Ketene-Ketene Rearrangement: Substituent Effects on the 1,3-Migration in .alpha.-Oxo Ketenes. Journal of Organic Chemistry, 1994, 59, 5279-5285.	1.7	38
74	Facile 1,3- and 1,5-Chlorine Migration. Journal of Organic Chemistry, 1996, 61, 6809-6813.	1.7	38
75	Pyridylnitrenes. Mechanism of ring contraction to cyanopyrroles. Journal of the American Chemical Society, 1976, 98, 1259-1260.	6.6	37
76	(Cyanovinyl)ketenes From Azafulvenones. An Apparent Retro-Wolff Rearrangement. Journal of the American Chemical Society, 1996, 118, 3852-3861.	6.6	37
77	Generation of New NitrileN-Sulfides (NCCNS, R2NCNS, H3CSCNS, and ClCNS) as Ions and Neutrals in the Gas Phase:Â Tandem Mass Spectrometry, Flash Vacuum Pyrolysis, and ab Initio MO Study. The Journal of Physical Chemistry, 1996, 100, 17452-17459.	2.9	37
78	Mechanistic Diversity in Thermal Fragmentation Reactions: A Computational Exploration of CO and CO₂ Extrusions from Five-Membered Rings. Journal of Organic Chemistry, 2013, 78, 7565-7574.	1.7	37
79	Bond-shift isomers: the co-existence of allenic and propargylic phenylnitrile imines. Chemical Communications, 2015, 51, 14712-14715.	2.2	37
80	Alkyl Cyanates. VII. Mass Spectra of Cyanates.. Acta Chemica Scandinavica, 1966, 20, 2107-2122.	0.7	37
81	Hetarylnitrenesâ€"I. Tetrahedron, 1970, 26, 4915-4924.	1.0	36
82	Thiofulminic acid (Hî—¸Cî—¼â†'S) and nitrile sulfides (Rî—¸Cî—¼Nâ†'S) in the gas phase. Tetrahedron Letters, 1991, 32, 1487-1490.	0.7	36
83	Linear Ketenimines. Variable Structures ofC,C-Dicyanoketenimines andC,C-Bis-sulfonylketenimines. Journal of Organic Chemistry, 2002, 67, 1084-1092.	1.7	36
84	1,5-(1,7)-Biradicals and Nitrenes Formed by Ring Opening of Hetarylnitrenes. Australian Journal of Chemistry, 2013, 66, 286.	0.5	36
85	Flash (Vacuum) Pyrolysis Apparatus and Methods. Australian Journal of Chemistry, 2014, 67, 1150.	0.5	36
86	Carbenic Nitrile Imines: Properties and Reactivity. Journal of Organic Chemistry, 2014, 79, 1418-1426.	1.7	36
87	One-step syntheses of fulvene and fulvenallen: Thermolysis of Î±-coumaranone, phthalide, and benzocyclopropene. Tetrahedron Letters, 1973, 14, 2915-2918.	0.7	35
88	(Iminomethylidene)phosphines (RP:C:NR). Journal of the American Chemical Society, 1983, 105, 7194-7195.	6.6	35
89	Nitrile imines RCî—»î—¸î—¸Si(CH3)3: Optimization of gas phase synthesis and assignment of their photoelectron spectra. Tetrahedron Letters, 1987, 28, 617-620.	0.7	35
90	2-Pyrazinylnitrene and 4-Pyrimidylnitrene. Ring Expansion to 1,3,5-Triazacyclohepta-1,2,4,6-tetraene and Ring Opening to (2-Isocyanovinyl)carbodiimide. Journal of Organic Chemistry, 2002, 67, 8538-8546.	1.7	35

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91	Different Behavior of Nitrenes and Carbenes on Photolysis and Thermolysis:Â Formation of Azirine, Ylidic Cumulene, and Cyclic Ketenimine and the Rearrangement of 6-Phenanthridylcarbene to 9-Phenanthrylnitrene. Journal of Organic Chemistry, 2005, 70, 7947-7955.	1.7	35
92	2-Pyridylnitrene and 3-Pyridazylcarbene and Their Relationship via Ring-Expansion, Ring-Opening, Ring-Contraction, and Fragmentation. Journal of Organic Chemistry, 2010, 75, 1600-1611.	1.7	35
93	1,2-Cyclohexadiene. Angewandte Chemie International Edition in English, 1983, 22, 542-543.	4.4	34
94	Nitrile Ylides and Azirines: Gas-Phase Generation from 2,3-Dihydro-1,4,Î»5-oxazaphospholes and Matrix Isolation. Angewandte Chemie International Edition in English, 1986, 25, 85-86.	4.4	34
95	Facile 1,3-Shift of Chlorine in a Chlorocarbonylketene. Journal of the American Chemical Society, 1998, 120, 1701-1704.	6.6	34
96	Chemical Activation in Azide and Nitrene Chemistry: Methyl Azide, Phenyl Azide, Naphthyl Azides, Pyridyl Azides, Benzotriazoles, and Triazolopyridines. Australian Journal of Chemistry, 2013, 66, 852.	0.5	34
97	Amino-, Alkoxy-, and Alkylthio-Isocyanates and â€“ Isothiocyanates, RX-NCY, their Isomers RX-YCN and RX-CNY, and their Rearrangements. Current Organic Chemistry, 2011, 15, 1745-1759.	0.9	34
98	Benzothiet-2-ones: synthesis, reactions, and comparison with benzoxet-2-ones and benzazetin-2-ones. Journal of Organic Chemistry, 1987, 52, 3838-3847.	1.7	33
99	Direct observation of .alpha.-oxo ketenes from the photolysis of .alpha.-diazo .beta.-diketones. Journal of Organic Chemistry, 1992, 57, 4850-4858.	1.7	33
100	Carbene and Nitrene Rearrangements:â€‰ A Theoretical Study of Cyclic Allenes and Carbenes, Carbodiimides, and Azirines. Journal of Organic Chemistry, 2002, 67, 9023-9030.	1.7	33
101	Hetarylnitrenesâ€”IV. Tetrahedron, 1971, 27, 367-374.	1.0	32
102	Nitrilimines:Â Evidence for the Allenic Structure in Solution, Experimental andAb InitioStudies of the Barrier to Racemization, and First Diastereoselective [3 + 2]-Cycloaddition. Journal of the American Chemical Society, 1997, 119, 2819-2824.	6.6	32
103	Force field-SCF calculations on cyclopropene intermediates in carbene rearrangements. Comparison with experiment. Tetrahedron, 1985, 41, 1601-1612.	1.0	31
104	Nitrile imideâ€“imidoylnitreneâ€“carbodi-imide rearrangement. Journal of the Chemical Society Chemical Communications, 1980, , 502-503.	2.0	30
105	Isocyanoamines, R-NH-NC. Journal of Organic Chemistry, 1981, 46, 1045-1046.	1.7	30
106	4-Alkylideneisoxazol-5-ones. Synthesis, tautomerism, and rearrangement to pyrroles. Journal of Organic Chemistry, 1985, 50, 2041-2047.	1.7	30
107	Dinitrogen sulfide, N2S, revealed by photoelectron spectroscopy. Journal of the American Chemical Society, 1988, 110, 3458-3461.	6.6	30
108	Iminopropadienones, RNî€Cî€Cî€Cî€O: syntheses and reactions. Journal of the Chemical Society Chemical Communications, 1992, , 1571-1573.	2.0	30

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109	Nitrilimine: von der Charakterisierung in Matrix zu stabilen Verbindungen. Angewandte Chemie, 1994, 106, 549-568.	1.6	30
110	Vinylketene-Acylallene Rearrangement. Journal of the American Chemical Society, 1995, 117, 9582-9583.	6.6	30
111	The Vinylketeneâ€Acylallene Rearrangement: Theory and Experiment. Chemistry - A European Journal, 1997, 3, 237-248.	1.7	30
112	Nitrile Imines and Nitrile Ylides: Rearrangements of Benzonitrile N-Methylimine and Benzonitrile Dimethylmethylide to Azabutadienes, Carbodiimides, and Ketenimines. Chemical Activation in Thermolysis of Azirenes, Tetrazoles, Oxazolones, Isoxazolones, and Oxadiazolones. Journal of Organic Chemistry, 2014, 79, 1247-1253.	1.7	30
113	A stable methyleneketene and the stepwise fragmentation of Meldrum's acids. Journal of the Chemical Society Chemical Communications, 1986, , 369-370.	2.0	29
114	Flash vacuum pyrolysis of tert-butyl Î²-ketoesters: sterically protected Î±-oxoketenes.. Tetrahedron, 1992, 48, 7641-7654.	1.0	29
115	Characterization of the bisketene photoisomer of benzocyclobutenedione. Journal of Organic Chemistry, 1993, 58, 747-749.	1.7	29
116	A Remarkably Stable Linear Ketenimine. Journal of the American Chemical Society, 1995, 117, 6789-6790.	6.6	29
117	Monomer, dimers and trimers of cyanogen N-oxide, Nî€‡Câ€“Cî€‡Nâ†’O. An X-ray, FVT-MS/IR and theoretical investigation. Perkin Transactions II RSC, 2000, , 473-478.	1.1	29
118	1H-1,3-Diazepines, 5H-1,3-diazepines, 1,3-diazepinones, and 2,4-diazabicyclo[3.2.0]heptenes,. Organic and Biomolecular Chemistry, 2004, 2, 1227-1238.	1.5	29
119	Oxoketeneâ€“oxoketene, imidoylketeneâ€“imidoylketene and oxoketenimineâ€“imidoylketene rearrangements. 1,3-Shifts of phenyl groups. Organic and Biomolecular Chemistry, 2006, 4, 558.	1.5	29
120	[3,3]-Sigmatropic Shifts and Retro-ene Rearrangements in Cyanates, Isocyanates, Thiocyanates, and Isothiocyanates of the Form RX-YCN and RX-NCY. Journal of Organic Chemistry, 2012, 77, 1749-1759.	1.7	29
121	Keteneâ€“Ketene Interconversion. 6-Carbonylcyclohexa-2,4-dienoneâ€“Hepta-1,2,4,6-tetraene-1,7-dioneâ€“6-Oxocyclohexa-2,4-dienylidene and Wolff Rearrangement to Fulven-6-one. Journal of Organic Chemistry, 2014, 79, 6978-6986.	1.7	29
122	Direct Detection of a Triplet Vinylnitrene, 1,4-Naphthoquinone-2-ylnitrene, in Solution and Cryogenic Matrices. Journal of the American Chemical Society, 2015, 137, 4207-4214.	6.6	29
123	Synthesis of 1-azaazulene and benz[a]azulene by carbene rearrangement. Journal of the American Chemical Society, 1984, 106, 3705-3706.	6.6	28
124	Infrared spectrum of dinitrogen sulfide. The Journal of Physical Chemistry, 1992, 96, 2065-2068.	2.9	28
125	Retro-Ene Reactions in Acylallene Derivatives. Journal of Organic Chemistry, 1998, 63, 2619-2626.	1.7	28
126	Direct Observation of Carbamoylnitrenes. Chemistry - A European Journal, 2016, 22, 7856-7862.	1.7	28

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127	N-Ethynylamines of the Type Rï£¿NHï£¿Cï£½Cï£¿H. Angewandte Chemie International Edition in English, 1980, 19, 720-721.	4.4	27
128	Trifluoromethyl-substituted dehydrodiazepines and cyanopyrroles from azido-/tetrazolo-pyridines. Journal of the Chemical Society Chemical Communications, 1992, , 1062.	2.0	27
129	Reactions of dipivaloylketene dimer with nucleophiles: new access to the 2,6,9-trioxabicyclo[3.3.1]nona-3,7-diene ring system (bridged bis-dioxines). Journal of Organic Chemistry, 1993, 58, 3361-3367.	1.7	27
130	Studies of reactive intermediates using matrix and gas-phase techniques. Journal of Physical Organic Chemistry, 1998, 11, 350-355.	0.9	27
131	Mass spectrometric studies of elusive molecules that contain an N+-X? bond. Mass Spectrometry Reviews, 2000, 19, 367-389.	2.8	27
132	Cumulene Rearrangements: Ketene-Ketene, Isocyanate-Isocyanate, Thioketene-Ketene, Imidoylketene-Ketenimine, and Ketene-Allene Rearrangements. Current Organic Chemistry, 2010, 14, 1586-1599.	0.9	27
133	Automerization in vinylidenecyclopentadiene and phenylcarbene. Journal of the Chemical Society Chemical Communications, 1977, , 210-211.	2.0	26
134	Imidoylketeneâ€“azetin-2-oneâ€“oxoketenimine rearrangement. Journal of the Chemical Society Chemical Communications, 1992, , 488-490.	2.0	26
135	Polycarbon Disulfides SCnS (n = 1-3) and Their Protonated and Methylated Forms (HCnS2+ and) Tj ETQq1 1 0.784314 rgBT /Overlock 1 99, 16849-16856.	2.9	26
136	N-Mesityl-C-acylketenimines:â€‰ 1,5-Sigmatropic Shifts and Electrocyclization to Quinolines. Journal of Organic Chemistry, 1998, 63, 5779-5786.	1.7	26
137	2-Quinolyl- and 1-Isoquinolylnitrenes:Â Ring Expansion and Ring Opening in Heteroarylnitrenes. Journal of Organic Chemistry, 2003, 68, 1470-1474.	1.7	26
138	Hetarylnitrenes V. Reactions of Tetrazolopyrazine Ring Contraction of Nitrenodiazines in Solution. Preliminary communication. Helvetica Chimica Acta, 1972, 55, 565-569.	1.0	25
139	Tetrazoloazines.15N nuclear magnetic resonance and infrared absorption spectroscopy. Helvetica Chimica Acta, 1976, 59, 259-264.	1.0	25
140	Mechanism of fragmentation of alkylidene-Meldrum's acids. Carboxyketene, vinylketene, and methyleneketene intermediates from 5-cyclopentylidene-2,2-dimethyl-1,3-dioxane-4,6-dione. Journal of Organic Chemistry, 1985, 50, 2877-2881.	1.7	25
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