

# Curt Wentrup

## List of Publications by Year in descending order

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382  
papers

9,789  
citations

57681

46  
h-index

116156

66  
g-index

428  
all docs

428  
docs citations

428  
times ranked

4006  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal Rearrangement of Azulenes to Naphthalenes: A Deeper Insight into the Mechanisms. <i>Journal of Organic Chemistry</i> , 2022, 87, 3296-3310.	1.7	5
2	Origins of Organic Chemistry and Organic Synthesis. <i>European Journal of Organic Chemistry</i> , 2022, .	1.2	12
3	Bunsen, der Geochemiker: isländische Vulkane, Geysirtheorie sowie Gas-, Gesteins- und Mineralienanalysen. <i>Angewandte Chemie</i> , 2021, 133, 1078-1095.	1.6	2
4	Bunsen the Geochemist: Icelandic Volcanism, Geyser Theory, and Gas, Rock and Mineral Analyses. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1066-1081.	7.2	3
5	When a "Dimroth Rearrangement" Is Not a Dimroth Rearrangement. <i>Journal of Organic Chemistry</i> , 2021, 86, 8286-8294.	1.7	10
6	Benzotriazoles and Triazoloquinones: Rearrangements to Carbazoles, Benzazirines, Azepinediones, and Fulvenimines. <i>Journal of Organic Chemistry</i> , 2021, 86, 16992-17001.	1.7	6
7	Celebrating RACI and Academy of Science Awards 2020-2021. <i>Australian Journal of Chemistry</i> , 2021, 74, 747.	0.5	0
8	Zeise, Liebig, Jensen, Häckel, Dewar, and the Olefin "Complex Bonds". <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8332-8342.	7.2	19
9	Zeise, Liebig, Jensen, Häckel, Dewar und die Olefin-Komplexbindung. <i>Angewandte Chemie</i> , 2020, 132, 8408-8419.	1.6	11
10	Rearrangements of Aromatic Nitrile Oxides and Nitrile Ylides: Potential Ring Expansion to Cycloheptatetraene Derivatives Mimicking Arylcarbenes. <i>Chemistry - A European Journal</i> , 2020, 26, 15700-15707.	1.7	3
11	Aryl Nitrile Imines and Diazo Compounds. Formation of Indazole, Pyridine <i>N</i> -Imine, and 2-Pyridyldiazomethane from Tetrazoles. <i>Journal of Organic Chemistry</i> , 2020, 85, 7952-7958.	1.7	11
12	Årsted and Bunsen: Voltaic Batteries, Electric Arcs, Electromagnetism, and Electrolysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18850-18857.	7.2	0
13	Årsted und Bunsen: Voltaische Batterien, Elektrische Lichtbürgen, Elektromagnetismus und Elektrolyse. <i>Angewandte Chemie</i> , 2020, 132, 19010-19018.	1.6	0
14	Nitrogen- and Sulfur-Containing Energetic Compounds. 64 Years of Fascinating Chemistry. <i>Australian Journal of Chemistry</i> , 2019, 72, 585.	0.5	3
15	Transforming Triplet Vinylnitrene into Triplet Alkylnitrene at Cryogenic Temperatures. <i>Organic Letters</i> , 2019, 21, 7194-7198.	2.4	3
16	Photolysis and Pyrolysis of Phenyltetrazoles: Formation of Phenylcarbodiimide, <i>N</i> -Phenylnitrite Imine, Phenylnitrene, Indazole, and Fulvenallene. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6945-6950.	1.2	6
17	Phenylnitrene Radical Cation and Its Isomers from Tetrazoles, Nitrile Imines, Indazole, and Benzimidazole. <i>Journal of Physical Chemistry A</i> , 2019, 123, 1410-1422.	1.1	5
18	Rearrangements of Nitrile Imines: Ring Expansion of Benzonitrile Imines to Cycloheptatetraenes and Ring Closure to 3-Phenyl-3- <i>H</i> -diazirines. <i>Journal of Organic Chemistry</i> , 2019, 84, 8668-8673.	1.7	6

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19	Knallgold und Knallsilber. <i>Angewandte Chemie</i> , 2019, 131, 14942-14951.	1.6	2
20	Fulminating Gold and Silver. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14800-14808.	7.2	10
21	Spectroscopic Characterization of Nicotinoyl and Isonicotinoyl Nitrenes and the Photointerconversion of 4-Pyridyl Nitrene with Diazacycloheptatetraene. <i>Journal of Physical Chemistry A</i> , 2019, 123, 3793-3801.	1.1	5
22	Heteroarylcarbene- Arylnitrene Radical Cation Isomerizations. <i>Journal of Physical Chemistry A</i> , 2019, 123, 2073-2079.	1.1	2
23	Heron8 - The 8th Heron Conference on Reactive Intermediates and Unusual Molecules. <i>Australian Journal of Chemistry</i> , 2019, 72, 853.	0.5	0
24	Direct Observation of an Imidoynitrene: Photochemical Formation of PhC(=NMe)N and MeN from 1-Methyl-5-phenyltetrazole. <i>Angewandte Chemie</i> , 2018, 130, 3266-3270.	1.6	7
25	Direct Observation of an Imidoynitrene: Photochemical Formation of PhC(=NMe)N and MeN from 1-Methyl-5-phenyltetrazole. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3212-3216.	7.2	16
26	Phenyl Nitrene Radical Cation Rearrangements. <i>Journal of Physical Chemistry A</i> , 2018, 122, 8490-8496.	1.1	10
27	From dipivaloylketene to tetraoxadamantanes. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1-10.	1.3	4
28	Triplet States of Tetrazoles, Nitrenes, and Carbenes from Matrix Photolysis of Tetrazoles, and Phenylcyanamide as a Source of Phenyl Nitrene. <i>Journal of Physical Chemistry A</i> , 2018, 122, 7276-7283.	1.1	12
29	Carbenes and Nitrenes: Recent Developments in Fundamental Chemistry. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11508-11521.	7.2	101
30	Carbene und Nitrene: Aktuelle Entwicklungen in der Grundlagenchemie. <i>Angewandte Chemie</i> , 2018, 130, 11680-11693.	1.6	19
31	Trimethylsilylnitrene and Its Surprising Rearrangement to N-(Dimethylsilyl)methanimine via Silaziridine and Silaazomethine Ylide. <i>Chemistry - A European Journal</i> , 2018, 24, 14547-14553.	1.7	5
32	RACI and Academy of Science Awards 2017-18. <i>Australian Journal of Chemistry</i> , 2018, 71, 721.	0.5	0
33	Flash Vacuum Pyrolysis of Azides, Triazoles, and Tetrazoles. <i>Chemical Reviews</i> , 2017, 117, 4562-4623.	23.0	106
34	7th Heron Island Conference on Reactive Intermediates and Unusual Molecules. <i>Australian Journal of Chemistry</i> , 2017, 70, 341.	0.5	0
35	Pyrolysis of hydrazine derivatives and related compounds with N N single bonds. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 125, 258-278.	2.6	16
36	New, simple and efficient method for the synthesis of imidazo-azines by flash vacuum thermolysis of tert-butylimines of pyrimidine-2-, pyrazine-2-, quinoline-2-, quinoxaline-2- and isoquinoline-1-carbaldehydes. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 125, 335-346.	2.6	7

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37	Imidoynitrenes $R^2C(=NR)N$ , Nitrile Imines, 1-H-Diazirines, and Carbodiimides: Interconversions and Rearrangements, Structures, and Energies at DFT and CASPT2 Levels of Theory. <i>Journal of Physical Chemistry A</i> , 2017, 121, 8227-8235.	1.1	25
38	Pyrolysis of benzotriazoles. 1-Acyl- and 1-alkoxycarbonylbenzotriazoles: Hetero-Wolff rearrangement to N-acyl- and N-alkoxycarbonyl-fulvenimines and free radical routes to cyanocyclopentadienes. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 128, 187-195.	2.6	9
39	Iminocyclohexadienylidenes: Carbenes or Diradicals? The Hetero-Wolff Rearrangement of Benzotriazoles to Cyanocyclopentadienes and 1-H-Benzo[ <i>b</i> ]azirines. <i>Journal of Physical Chemistry A</i> , 2017, 121, 5998-6003.	1.1	19
40	Flash Vacuum Pyrolysis: Techniques and Reactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14808-14835.	7.2	55
41	Flash-Vakuumpyrolyse – Techniken und Reaktionen. <i>Angewandte Chemie</i> , 2017, 129, 15002-15031.	1.6	13
42	Celebrating RACI and Academy of Science Awards. <i>Australian Journal of Chemistry</i> , 2016, 69, 1321.	0.5	0
43	A Thermally Populated, Perpendicularly Twisted Alkene Triplet Diradical. <i>Angewandte Chemie</i> , 2016, 128, 14820-14825.	1.6	12
44	Ring Contraction in Arylcarbenes and Arylnitrenes; Rearrangements of 1- and 3-Isoquinolylcarbenes and 2-Naphthylnitrene to Cyanoindenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 4601-4608.	1.7	7
45	Rearrangements of 4-Quinolylcarbene, 3-Quinolylcarbene, and 2-Quinolylcarbene to 1-Naphthylnitrene and Cyanoindenes by Falling Solid Flash Vacuum Pyrolysis. <i>Journal of Organic Chemistry</i> , 2016, 81, 4609-4615.	1.7	8
46	Nitrene – Nitrene Rearrangement under Thermal, Photochemical, and Electron-Impact Conditions: The 2-Azidopyridines/Tetrazolo[1,5- <i>a</i> ]pyridines. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4200-4206.	1.2	11
47	Azulene – Naphthalene-Type Rearrangements in Benz[ <i>a</i> ]azulene and Cyclohepta[ <i>b</i> ]indole. <i>Chemistry - A European Journal</i> , 2016, 22, 13835-13839.	1.7	8
48	Pyrolysis of benzotriazoles. Relationships between 1- and 2-vinylbenzotriazoles, 1- and 2-azidostyrenes, N-phenylketenimine and indole. Pitfalls in the use of pyrolysis-mass spectrometry in mechanistic studies. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 121, 67-74.	2.6	14
49	Twisted C=C Double Bonds with Very Low Rotational Barriers in Dioxanediones and Isoxazolones Determined by Low-Temperature Dynamic NMR Spectroscopy and Computational Chemistry. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4985-4990.	1.2	5
50	A Thermally Populated, Perpendicularly Twisted Alkene Triplet Diradical. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14600-14605.	7.2	61
51	Direct Observation of Carbamoylnitrenes. <i>Chemistry - A European Journal</i> , 2016, 22, 7856-7862.	1.7	28
52	Pyrolysis of annelated hexa- and heptamethylene-tetrazoles: Formation of 9- and 10-membered cyclic carbodiimides. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 117, 214-219.	2.6	8
53	Triazoloazine – Diazomethylazine Valence Isomerization. [1,2,3]Triazolo[1,5- <i>a</i> ]pyridines and 2-Diazomethylpyridines. <i>Journal of Organic Chemistry</i> , 2016, 81, 667-672.	1.7	13
54	RACI Congress Adelaide. <i>Australian Journal of Chemistry</i> , 2015, 68, 1317.	0.5	0

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55	Î±-Oxo-Î±-iminoxyls of Isoxazolones, Pyrazolones and 1,2,3-Triazolone. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5143-5149.	1.2	3
56	Molecular cleft or tweezer compounds derived from trioxabicyclo[3.3.1]nonadiene diisocyanate and diacid dichloride. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1-8.	1.3	7
57	Acetylenes from Aldehydes. Preparation of Ethynylphenols and Phenylacetylenes by Flash Vacuum Pyrolysis of Isoxazolones. <i>Australian Journal of Chemistry</i> , 2015, 68, 1233.	0.5	5
58	Comments on photochromism of 3-(3-pyridyl)sydnone and 4-alkenylsydnones. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 298, 62-63.	2.0	3
59	Falling-Solid Flash Vacuum Pyrolysis: An Efficient Preparation of Arylacetylenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5702-5704.	7.2	24
60	Trifluoromethylphenylcarbenes. Carbene-Carbene Interconversion on the Singlet Energy Surface and Rearrangement to Trifluorobenzocyclobutene, Trifluorostyrene, and Trifluoromethylfulvenallenes. <i>Australian Journal of Chemistry</i> , 2015, 68, 36.	0.5	7
61	Ketenes from N-(2-Pyridyl)amides. <i>Australian Journal of Chemistry</i> , 2015, 68, 687.	0.5	7
62	C <sub>9</sub> H <sub>8</sub> Pyrolysis. <i>o</i> -Tolylacetylene, Indene, 1-Indenyl, and Biindenyls and the Mechanism of Indene Pyrolysis. <i>Journal of Physical Chemistry A</i> , 2015, 119, 6370-6376.	1.1	22
63	Bond-shift isomers: the co-existence of allenic and propargylic phenylnitrile imines. <i>Chemical Communications</i> , 2015, 51, 14712-14715.	2.2	37
64	Comment on "The Mechanism of Pyrolysis of Benzyl Azide: Spectroscopic Evidence for Benzenemethanimine Formation". <i>Journal of Physical Chemistry A</i> , 2015, 119, 8256-8257.	1.1	6
65	C <sub>15</sub> H <sub>10</sub> and C <sub>15</sub> H <sub>12</sub> Thermal Chemistry: Phenanthrylcarbene Isomers and Phenylindenes by Falling Solid Flash Vacuum Pyrolysis of Tetrazoles. <i>Journal of Organic Chemistry</i> , 2015, 80, 7144-7149.	1.7	8
66	Sir John Cornforth Memorial Issue. <i>Australian Journal of Chemistry</i> , 2015, 68, 519.	0.5	0
67	Direct Detection of a Triplet Vinylnitrene, 1,4-Naphthoquinone-2-yl nitrene, in Solution and Cryogenic Matrices. <i>Journal of the American Chemical Society</i> , 2015, 137, 4207-4214.	6.6	29
68	Azulenylcarbene and Naphthylcarbene Isomerizations. Falling Solid Flash Vacuum Pyrolysis. <i>Journal of Organic Chemistry</i> , 2015, 80, 5030-5034.	1.7	12
69	Oximes in the Isoxazolone, Pyrazolone, and 1,2,3-Triazolone Series: Experimental and Computational Investigation of Energies and Structures of E/Z Isomers of Î±-Oxo-Oximes in the Gas Phase and in Solution. <i>Australian Journal of Chemistry</i> , 2015, 68, 1329.	0.5	5
70	Sydnone Photochemistry: Direct Observation of Earl's Bicyclic Lactone Valence Isomers (Oxadiazabicyclo[2.1.0]pentanones), Formation of Carbodiimides, Reaction Mechanism, and Photochromism. <i>Australian Journal of Chemistry</i> , 2014, 67, 457.	0.5	22
71	Formation of Allenyl Ketones, 3-Ethynylcoumarins, and Arylfurans, Furylfurans, and Furylthiophenes by Flash Vacuum Thermolysis of 3-Methylidene-furan-2(3 <i>H</i> )-ones. <i>Journal of Organic Chemistry</i> , 2014, 79, 65-71.	1.7	21
72	3-Pyridazinylnitrenes and 2-Pyrimidinylnitrenes. <i>Journal of Organic Chemistry</i> , 2014, 79, 1758-1770.	1.7	11

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73	Flash Vacuum Thermolysis of <i>N</i> -(3- and 4-Pyridylmethylidene)tert-butylamines: Mechanisms of Formation of Pyrrolopyridines and Naphthyridines. <i>European Journal of Organic Chemistry</i> , 2014, 3020-3027.	1.2	8
74	Nitrene-Carbene-Carbene Rearrangement. Photolysis and Thermolysis of Tetrazolo[5,1- <i>a</i> ]phthalazine with Formation of 1-Phthalazinylnitrene, <i>o</i> -Cyanophenylcarbene, and Phenylcyanocarbene. <i>Journal of Organic Chemistry</i> , 2014, 79, 307-313.	1.7	8
75	Flash (Vacuum) Pyrolysis Apparatus and Methods. <i>Australian Journal of Chemistry</i> , 2014, 67, 1150.	0.5	36
76	Comment on "Computational Study on the Vinyl Azide Decomposition". <i>Journal of Physical Chemistry A</i> , 2014, 118, 5122-5123.	1.1	9
77	C <sub>8</sub> H <sub>6</sub> Thermal Chemistry. 7-Methylenecyclohepta-1,3,5-dienyne (Heptafulvyne) by Flash Vacuum Thermolysis "Matrix Isolation. Chemical Activation in the Rearrangements of Phenylenedicarbenes and of Benzocyclobutadiene to Phenylacetylene. <i>Australian Journal of Chemistry</i> , 2014, 67, 1174.	0.5	4
78	Phenylnitrene, Phenylcarbene, and Pyridylcarbenes. Rearrangements to Cyanocyclopentadiene and Fulvenallene. <i>Journal of the American Chemical Society</i> , 2014, 136, 15203-15214.	6.6	53
79	Ketene "Ketene Interconversion. 6-Carbonylcyclohexa-2,4-dienone "Hepta-1,2,4,6-tetraene-1,7-dione "6-Oxocyclohexa-2,4-dienylidene and Wolff Rearrangement to Fulven-6-one. <i>Journal of Organic Chemistry</i> , 2014, 79, 6978-6986.	1.7	29
80	Carbenic Nitrile Imines: Properties and Reactivity. <i>Journal of Organic Chemistry</i> , 2014, 79, 1418-1426.	1.7	36
81	Nitrile Imines and Nitrile Ylides: Rearrangements of Benzonitrile <i>N</i> -Methylimine and Benzonitrile Dimethylmethylide to Azabutadienes, Carbodiimides, and Ketenimines. Chemical Activation in Thermolysis of Azirenes, Tetrazoles, Oxazolones, Isoxazolones, and Oxadiazolones. <i>Journal of Organic Chemistry</i> , 2014, 79, 1247-1253.	1.7	30
82	Nitrile Ylides: Allenic and Propargylic Structures from Pyrazinylnitrenes. Experimental and Theoretical Characterization. <i>Journal of Organic Chemistry</i> , 2014, 79, 2148-2155.	1.7	10
83	Reactions of Adamantanethione with Ketenes: Formation of a 1,3,5-Dioxathiane. <i>Australian Journal of Chemistry</i> , 2014, 67, 525.	0.5	6
84	6th Heron Island Conference on Reactive Intermediates and Unusual Molecules. <i>Australian Journal of Chemistry</i> , 2014, 67, 317.	0.5	0
85	New Year Editorial 2014. <i>Australian Journal of Chemistry</i> , 2014, 67, 1.	0.5	4
86	Mechanistic Diversity in Thermal Fragmentation Reactions: A Computational Exploration of CO and CO <sub>2</sub> Extrusions from Five-Membered Rings. <i>Journal of Organic Chemistry</i> , 2013, 78, 7565-7574.	1.7	37
87	Laser-Induced Carbene "Carbene Rearrangement in Solution: The Diphenylcarbene "Fluorene Rearrangement. <i>Journal of Organic Chemistry</i> , 2013, 78, 8789-8795.	1.7	7
88	Matrix-IR Spectroscopic Investigations of the Thermolysis and Photolysis of Diazoamides. <i>Journal of Organic Chemistry</i> , 2013, 78, 10705-10717.	1.7	11
89	Photolysis of Dimethylcarbamoyl Azide in an Argon Matrix: Spectroscopic Identification of Dimethylamino Isocyanate and 1,1-Dimethyldiazene. <i>Journal of Organic Chemistry</i> , 2013, 78, 11985-11991.	1.7	18
90	Chemical Activation in Azide and Nitrene Chemistry: Methyl Azide, Phenyl Azide, Naphthyl Azides, Pyridyl Azides, Benzotriazoles, and Triazolopyridines. <i>Australian Journal of Chemistry</i> , 2013, 66, 852.	0.5	34

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91	4-Pyridylnitrene and 2-pyrazinylcarbene. Beilstein Journal of Organic Chemistry, 2013, 9, 754-760.	1.3	8
92	Rearrangements of Acyl, Thioacyl, and Imidoyl (Thio)cyanates to Iso(thio)cyanates, Acyl Iso(thio)cyanates to (Thio)acyl Isocyanates, and Imidoyl Iso(thio)cyanates to (Thio)acyl Carbodiimides, $RX-YN \rightleftharpoons RCX-NCY \rightleftharpoons RY-NCX \rightleftharpoons RY-XCN$ (X and Y = O, S, NR <sup>2</sup> ). Journal of Organic Chemistry, 2013, 78, 1802-1810.	1.7	11
93	1,5-(1,7)-Biradicals and Nitrenes Formed by Ring Opening of Hetarylnitrenes. Australian Journal of Chemistry, 2013, 66, 286.	0.5	36
94	Zwitterionic 1,3-shift Intermediates in the Interconversions of (Thio)carbamoyl Isocyanates and Carbamoyl Iso(thio)cyanates, $R_2N-CX \rightleftharpoons NCO \rightleftharpoons R_2N-CO \rightleftharpoons NCX$ , and in Carbamoylketenes $R_2N-CO \rightleftharpoons CH=C=O$ . European Journal of Organic Chemistry, 2013, 2013, 7914-7921.	1.2	4
95	New Year Editorial 2013. Australian Journal of Chemistry, 2013, 66, 1.	0.5	12
96	Iminopropadienones $RN=C=C=O$ and bisiminopropadienes $RN=C=C=NR$ : Matrix infrared spectra and anharmonic frequency calculations. Journal of Chemical Physics, 2013, 139, 164314.	1.2	3
97	New Reactions of <i>tert</i> -Butylimines; Formation of Heterocycles by Methyl Radical Elimination on Flash Vacuum Thermolysis of <i>N</i> -Benzylidene- and <i>N</i> -(2-pyridylmethylidene)- <i>tert</i> -butylamines. Chemistry - A European Journal, 2013, 19, 14983-14988.	1.7	21
98	3-Pyridylnitrene, 2- and 4-pyrimidinylcarbenes, 3-quinolylnitrenes, and 4-quinazolinyllcarbenes. Interconversion, ring expansion to diazacycloheptatetraenes, ring opening to nitrile ylides, and ring contraction to cyanopyrroles and cyanoindoles. Beilstein Journal of Organic Chemistry, 2013, 9, 743-753.	1.3	10
99	Structures of 4-Iminopyrido[1,2- <i>a</i> ]pyrimidines, Pyrido[1,2- <i>a</i> ]pyrimidin-4-ones, Pyridopyrimidinium Olates, and Thiazolo[3,2- <i>a</i> ]pyrimidine Analogues. Australian Journal of Chemistry, 2012, 65, 371.	0.5	5
100	12th Eurasia Conference on Chemical Sciences. Australian Journal of Chemistry, 2012, 65, 1561.	0.5	0
101	Bisiminopropadienes $R-N=C=C=N-R$ from Pyridopyrimidines. Australian Journal of Chemistry, 2012, 65, 686.	0.5	2
102	Synthesis and structure of a new 1,2-bridged calix[6]arene. Supramolecular Chemistry, 2012, 24, 279-284.	1.5	6
103	[3,3]-Sigmatropic Shifts and Retro-ene Rearrangements in Cyanates, Isocyanates, Thiocyanates, and Isothiocyanates of the Form $RX-YN$ and $RX-NCY$ . Journal of Organic Chemistry, 2012, 77, 1749-1759.	1.7	29
104	Nitrile Imines: Matrix Isolation, IR Spectra, Structures, and Rearrangement to Carbodiimides. Journal of the American Chemical Society, 2012, 134, 5339-5350.	6.6	116
105	Mass Spectrometry of Cyclopentadienyldieneketene: Differentiation of Isomeric Ion Structures by Means of Ion/Molecule Reactions. Australian Journal of Chemistry, 2012, 65, 1655.	0.5	4
106	Synthesis and chemistry of a very stable but reactive diisocyanate, trioxabicyclo[3.3.1]nonadiene diisocyanate. RSC Advances, 2012, 2, 7743.	1.7	4
107	Methyliminopropadienone $CH_3 \rightleftharpoons N \cdot C \cdot C \cdot C \cdot O$ : Photoelectron Spectrum and Electronic Structure. Journal of Physical Chemistry A, 2012, 116, 9315-9320.	1.1	10
108	Pyrido[1,2- <i>a</i> ]pyrimidinones and Thiazolo[3,2- <i>a</i> ]pyrimidinones: Precursors for Pyridyl- and Thiazolyliminopropadienones, $R-N=C=C=O$ . Australian Journal of Chemistry, 2012, 65, 105.	0.5	2

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109	Polymorphism in 3-Pyridylsydnone: Preparative and Structural Aspects. Australian Journal of Chemistry, 2012, 65, 376.	0.5	4
110	Synthesis of functionalized macrocyclic derivatives of trioxabicyclo[3.3.0]nonadiene. Beilstein Journal of Organic Chemistry, 2012, 8, 738-743.	1.3	5
111	Rearrangements and Interconversions of Heteroatom-Substituted Isocyanates, Isothiocyanates, Nitrile Oxides, and Nitrile Sulfides, $RX\text{-}NCY$ and $RY\text{-}CNX$ . Journal of Organic Chemistry, 2011, 76, 6024-6029.	1.7	16
112	Nitrenes, Carbenes, Diradicals, and Ylides. Interconversions of Reactive Intermediates. Accounts of Chemical Research, 2011, 44, 393-404.	7.6	102
113	Marie Curie, Radioactivity, the Atom, the Neutron, and the Positron. Australian Journal of Chemistry, 2011, 64, 847.	0.5	0
114	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
115	4-Quinolylnitrene and 2-Quinoxalinylnitrene. Journal of Physical Organic Chemistry, 2011, 24, 999-1008.	0.9	13
116	Amino-, Alkoxy-, and Alkylthio-Isocyanates and Isothiocyanates, $RX\text{-}NCY$ , their Isomers $RX\text{-}YCN$ and $RX\text{-}CNY$ , and their Rearrangements. Current Organic Chemistry, 2011, 15, 1745-1759.	0.9	34
117	Cumulene Rearrangements: Ketene-Ketene, Isocyanate-Isocyanate, Thioketene-Ketene, Imidoylketene-Ketenimine, and Ketene-Allene Rearrangements. Current Organic Chemistry, 2010, 14, 1586-1599.	0.9	27
118	5th Heron Island Conference on Reactive Intermediates and Unusual Molecules. Australian Journal of Chemistry, 2010, 63, 1597.	0.5	0
119	9-Azidoacridine and 9-Acridinylnitrene. Journal of Physical Organic Chemistry, 2010, 23, 382-389.	0.9	6
120	Mass Spectrometry of Benzyne and Cyclopentadienyldeneketene. Australian Journal of Chemistry, 2010, 63, 1076.	0.5	11
121	Pitfalls in the Photoelectron Spectroscopic Investigations of Benzyne. Photoelectron Spectrum of Cyclopentadienyldeneketene. Australian Journal of Chemistry, 2010, 63, 1084.	0.5	18
122	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
123	Thioketenes and Iminopropadienethiones $RN=C=C=C=S$ from Isoxazolones. Australian Journal of Chemistry, 2010, 63, 1694.	0.5	14
124	The Benzyne Story. Australian Journal of Chemistry, 2010, 63, 979.	0.5	89
125	Interconversion of Nitrenes, Carbenes, and Nitrile Ylides by Ring Expansion, Ring Opening, Ring Contraction, and Ring Closure: 3-Quinolylnitrene, 2-Quinoxalylcarbene, and 3-Quinolylnitrene. Australian Journal of Chemistry, 2009, 62, 275.	0.5	20
126	Microwave-Induced Molecular Rearrangements. Flash Thermolysis in the Gas-Phase and in Solution: Synthesis of Quinolones and Naphthyridones. Australian Journal of Chemistry, 2009, 62, 1631.	0.5	19



#	ARTICLE	IF	CITATIONS
127	Interconversion of Nitrenes, Azirenes, and Diradicals: Rearrangement of 3-Isoquinolyl Nitrene to <i>o</i> -Cyanophenylketenimine and 1-Cyanoisindole. <i>Journal of Organic Chemistry</i> , 2009, 74, 1171-1178.	1.7	16
128	The Australian Journal of Chemistry - Its New Publishing Concept. <i>Australian Journal of Chemistry</i> , 2009, 62, 1.	0.5	11
129	Highly Twisted C=C Double Bonds in 4-Methyleneisoxazolones. <i>Australian Journal of Chemistry</i> , 2009, 62, 1068.	0.5	7
130	Fluoroquinolones from Imidoalkylenes and Iminopropadienones, R - N=C=C=C=O. <i>Australian Journal of Chemistry</i> , 2009, 62, 115.	0.5	12
131	Ring opening and ring expansion of 8-cyano-tetrazolo[1,5- <i>a</i> ]pyridine with secondary amines. Reactions of azides, tetrazoles and nitrenes with nucleophiles, Part 2. <i>Arkivoc</i> , 2009, 2009, 30-37.	0.3	7
132	Tetra- <i>tert</i> -butyltrioxabicyclo[3.3.1]nonadienedicarboxylic Acid: Optical Resolution, Absolute Configuration and Application in Chiral Discrimination. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3382-3388.	1.2	9
133	1 <i>H</i> -1,3-Diazepines and Ketenimines from Cyanotetrazolopyridines. <i>Australian Journal of Chemistry</i> , 2008, 61, 592.	0.5	15
134	2-Pyridyl Nitrene from Tetrazolo[1,5- <i>a</i> ]pyridine and Pyrido[2,3- <i>a</i> ][1,2,4]oxadiazol-2-one. <i>Journal of Organic Chemistry</i> , 2008, 73, 6265-6267.	1.7	21
135	Reaction of Iminopropadienones with Amines—Formation of Zwitterionic Intermediates, Ketenes, and Ketenimines. <i>Journal of Physical Chemistry A</i> , 2008, 112, 9742-9750.	1.1	5
136	Reaction of Iminopropadienones with Amines: Mechanistic Explanations of Zwitterionic Intermediate, Ketene and Ketenimine Formation. <i>Journal of Physical Chemistry A</i> , 2008, 112, 8999-9004.	1.1	6
137	Twisted Push - Pull Ethylenes. <i>Australian Journal of Chemistry</i> , 2008, 61, 805.	0.5	9
138	Carboxyketenes, methyleneketenes, vinylketenes, oxetanediones, ynols, and ylidic ketenes from Meldrum's acid derivatives. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 1437.	1.5	14
139	Carboxyketenes from 4-Hydroxy-1,3-oxazin-6-ones and Meldrum's Acid Derivatives. <i>Journal of Organic Chemistry</i> , 2007, 72, 1399-1404.	1.7	21
140	Oxoketene—oxoketene, imidoalkylene—imidoalkylene and oxoketenimine—imidoalkylene rearrangements. 1,3-Shifts of phenyl groups. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 558.	1.5	29
141	Nitrenes, Diradicals, and Ylides. Ring Expansion and Ring Opening in 2-Quinazolyl Nitrenes. <i>Journal of Organic Chemistry</i> , 2006, 71, 4049-4058.	1.7	68
142	The Curtius Rearrangement of Acyl Azides Revisited - Formation of Cyanate (R-O-CN). <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4521-4524.	1.2	56
143	N-(3,5-Dichloro-2-pyridyl)formamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o2053-o2054.	0.2	1
144	Mesoionic 1,3-Oxazinium Olates. Rearrangement to Acylketenes and 3-Azabicyclo[3.1.1]heptanetriones. <i>Journal of Organic Chemistry</i> , 2005, 70, 5859-5861.	1.7	21

#	ARTICLE	IF	CITATIONS
145	Imidoylketene- $\hat{I}\pm$ -oxoketenimine and $\hat{I}\pm$ -oxoketene $\hat{I}\pm$ -oxoketene rearrangements. 1,3-Shifts of substituted phenyl groups. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2998.	1.5	9
146	A Cyclopropabenzenyliidenethenone (Propadienone) via a New Route to Alkylidenecycloproparenes. <i>Organic Letters</i> , 2005, 7, 949-952.	2.4	11
147	Ketene $\hat{I}\pm$ Ketenimine Rearrangements in the Gas Phase and in Polar Media. 1,3-Migration Intermediates and Sequential Transition States. <i>Journal of Organic Chemistry</i> , 2005, 70, 9735-9739.	1.7	21
148	Energy Profiles for Ketene Cyclizations. Interconversion of 1,3-Oxazin-6-ones, Mesoionic 1,3-Oxazinium Olates and Acylketenes, Imidoylketenes, Oxoketenimines, and Cyclization Products. <i>Journal of Organic Chemistry</i> , 2005, 70, 5862-5868.	1.7	9
149	Different Behavior of Nitrenes and Carbenes on Photolysis and Thermolysis: $\hat{A}$ Formation of Azirine, Ylidic Cumulene, and Cyclic Ketenimine and the Rearrangement of 6-Phenanthridylcarbene to 9-Phenanthrylnitrene. <i>Journal of Organic Chemistry</i> , 2005, 70, 7947-7955.	1.7	35
150	N,N-Dialkyl-N'-(2-pyridyl)formamidines and N-(3,5-dichloro-2-pyridyl)formamide. Reactions of tetrazolopyridines with nucleophiles, part 1. <i>Arkivoc</i> , 2005, 2005, 131-134.	0.3	4
151	Ketene $\hat{I}\pm$ acetylene [2 + 2] cycloadditions: cyclobutenone and/or oxete formation?. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 195-199.	1.5	14
152	Bis(2,4,6-trichlorophenyl) 2-ethylmalonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o137-o138.	0.2	1
153	2-Benzyl-1-hydroxy-5,6-dihydro-3H-naphtho[2,1-b]pyran-3-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o471-o472.	0.2	0
154	Diazepines. Part 2. Synthesis of 1,3-Diazepines and Ring Contraction to Cyanopyrroles.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
155	Iminopropadienones $\hat{I}\pm$ NCCCO and carbon suboxide, C <sub>3</sub> O <sub>2</sub> . Theoretical and experimental <sup>13</sup> C NMR spectra. <i>Computational and Theoretical Chemistry</i> , 2004, 686, 31-36.	1.5	11
156	2,6,9-Trioxabicyclo[3.3.1]nona-3,7-dien-4-oyl and tetraoxadamantan-9-oyl functionalized aromatic di- and triamines: synthesis, stereochemistry and complexation. <i>Tetrahedron</i> , 2004, 60, 2857-2867.	1.0	12
157	Rearrangement of 2-Quinolyl- and 1-Isoquinolylcarbenes to Naphthylnitrenes. <i>Journal of Organic Chemistry</i> , 2004, 69, 2033-2036.	1.7	24
158	Macrocyclic Systems Containing 2,6,9-Trioxabicyclo[3.3.1]-nona-3,7-dienes as Chiral Spacer Groups: Synthesis, Stereochemical Features and Preliminary Complexation Properties. <i>Supramolecular Chemistry</i> , 2004, 16, 121-127.	1.5	18
159	Facile Ketene $\hat{I}\pm$ Ketene and Ketene $\hat{I}\pm$ Ketenimine Rearrangements: $\hat{A}$ A Study of the 1,3-Migration of $\hat{I}\pm$ -Substituents Interconverting $\hat{I}\pm$ -Imidoylketenes and $\hat{I}\pm$ -Oxoketenimines, a Pseudopericyclic Reaction. <i>Journal of Organic Chemistry</i> , 2004, 69, 1909-1918.	1.7	42
160	Imidoylketene dimerization and rearrangement. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 3518.	1.5	21
161	Synthesis of 1,3-diazepines and ring contraction to cyanopyrrolesDiazepines. Part 2. For Part 1 see ref. 1. Electronic supplementary information (ESI) available: drawings of the crystal structures of compounds 6T and 9Tb (ORTEP); bond lengths and angles for compounds 6T, 9Tb, 25h and 28, and 15N NMR spectra of 21, 30, 27 and 37. See <a href="http://www.rsc.org/suppdata/ob/b3/b311247k/">http://www.rsc.org/suppdata/ob/b3/b311247k/</a> . <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 246.	1.5	25
162	1H-1,3-Diazepines, 5H-1,3-diazepines, 1,3-diazepinones, and 2,4-diazabicyclo[3.2.0]heptenes,. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1227-1238.	1.5	29

#	ARTICLE	IF	CITATIONS
163	The Rearrangements of Naphthylnitrenes: UV/Vis and IR Spectra of Azirines, Cyclic Ketenimines, and Cyclic Nitrile Ylides. <i>Journal of the American Chemical Society</i> , 2004, 126, 237-249.	6.6	70
164	Synthesis and Complexation Properties of Some Novel Lariat-Crown Ethers. <i>Monatshefte für Chemie</i> , 2003, 134, 509-518.	0.9	14
165	Methoxy(2-pyridyl)ketene. <i>Journal of Physical Organic Chemistry</i> , 2003, 16, 519-524.	0.9	8
166	3-Pyridylcarbene and 3-Pyridylnitrene: Ring Opening to Nitrile Ylides. <i>Journal of the American Chemical Society</i> , 2003, 125, 9083-9089.	6.6	41
167	2-Quinolyl- and 1-Isoquinolylnitrenes: Ring Expansion and Ring Opening in Heteroaryl Nitrenes. <i>Journal of Organic Chemistry</i> , 2003, 68, 1470-1474.	1.7	26
168	N-Aminopyrroledione-hydrazoneketene-pyrazolium oxide-pyrazolone rearrangements and pyrazolone tautomerism. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 2550-2555.	1.5	24
169	Synthesis and Host-abilities of some New Corands Bearing Uncommon Chiral Spacer Units. <i>Supramolecular Chemistry</i> , 2003, 15, 375-383.	1.5	6
170	Linear Ketenimines. Variable Structures of C,C-Dicyanoketenimines and C,C-Bis-sulfonylketenimines. <i>Journal of Organic Chemistry</i> , 2002, 67, 1084-1092.	1.7	36
171	Chemistry of Stable Iminopropadienones, RNCCCO. <i>Journal of Organic Chemistry</i> , 2002, 67, 2619-2631.	1.7	45
172	Iminopropadienones from Dioxanediones, Isoxazolopyrimidinones, Pyridopyrimidinones, and Pyridopyrimidinium Olates. <i>Journal of Organic Chemistry</i> , 2002, 67, 8558-8565.	1.7	22
173	From Molecular Complexes to Zwitterions and Final Products. Reactions between C <sub>3</sub> O <sub>2</sub> and Amines. <i>Journal of Physical Chemistry A</i> , 2002, 106, 4489-4497.	1.1	7
174	Carbene and Nitrene Rearrangements: A Theoretical Study of Cyclic Allenes and Carbenes, Carbodiimides, and Azirines. <i>Journal of Organic Chemistry</i> , 2002, 67, 9023-9030.	1.7	33
175	Quinoline-2,4-diones by reversible dimerisation of 2-pyridylketenes. Electronic supplementary information (ESI) available: figure of experimental (Ar matrix, 10 K) IR spectrum of 10b and calculated (B3LYP/6-31G*) IR spectra of s-cis- and s-trans-10b, and tables of Cartesian coordinates and calculated IR spectra of s-cis- and s-trans-10a,b, 2-(2-pyridyl)benzocyclobutenone, and hypothetical ylides 3 (Me and) Tj ETQq1 1 0.784314 14 rgBT / Over	1.3	14
176	Synthesis of fluorinated 2-phenyl-4-quinolones from pyrrole-2,3-diones. Electronic supplementary information (ESI) available: spectroscopic data of compounds 5-11 (Tables S1-S3). See <a href="http://www.rsc.org/suppdata/p1/b2/b202128e/">http://www.rsc.org/suppdata/p1/b2/b202128e/</a> . <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 1232-1235.	1.3	12
177	2-Pyrazinyl nitrene and 4-Pyrimidinyl nitrene. Ring Expansion to 1,3,5-Triazacyclohepta-1,2,4,6-tetraene and Ring Opening to (2-Isocyanovinyl)carbodiimide. <i>Journal of Organic Chemistry</i> , 2002, 67, 8538-8546.	1.7	35
178	Synthesis and chemical reactivity of methoxycarbonyl-1,3-dioxinyl(pivaloyl)ketene-a persistent 1±-oxoketene. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 599-605.	1.3	16
179	Twisting and planarization in push-pull ethylenes. Electronic supplementary information (ESI) available: tables of X-ray crystallographic bond lengths and angles of compounds 8-19 (including) Tj ETQq1 1 0.784314 14 rgBT / Over and 18 (Figs. S1-S5) and packing diagrams for 17·H <sub>2</sub> O and 19·H <sub>2</sub> O (Figs. S6-S7). See <a href="http://www.rsc.org/suppdata/p2/b1/b109624a/">http://www.rsc.org/suppdata/p2/b1/b109624a/</a> . <i>Perkin Transactions II RSC</i> , 2002, , 515-523.	1.1	21
180	2,6,9-Trioxabicyclo[3.3.1]nona-3,7-dienes and 2,4,6,8-Tetraoxadamantanes: Novel Chiral Spacer Units in Macrocyclic Polyethers. <i>Supramolecular Chemistry</i> , 2002, 14, 383-397.	1.5	16

#	ARTICLE	IF	CITATIONS
181	RADICAL CHEMISTRY: Enhanced: From Reactive Intermediates to Stable Compounds. <i>Science</i> , 2002, 295, 1846-1847.	6.0	24
182	2-Cyano(2-pyridyl)ketene. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 2683.	1.2	1
183	A theoretical study of the origin of rotational barriers in push-pull ethylenes. <i>Computational and Theoretical Chemistry</i> , 2002, 585, 27-34.	1.5	22
184	Iminopropadienethiones, Ar-NCCCS. <i>Journal of Organic Chemistry</i> , 2001, 66, 1827-1831.	1.7	15
185	Ketenes and mesoions. Interconversion of mesoionic pyridopyrimidinium olates and pyridopyrimidinones. (2-Pyridyl)iminopropadienone. Part 2. <i>Perkin Transactions II RSC</i> , 2001, , 602-607.	1.1	12
186	Characterization of C <sub>2</sub> S <sub>4</sub> isomers by mass spectrometry and ab initio molecular orbital calculations. <i>International Journal of Mass Spectrometry</i> , 2001, 210-211, 31-42.	0.7	6
187	Preparation and Chemistry of an Unexpectedly Stable $\hat{\pm}$ -Oxoketene-Pyridine Zwitterion, 2,2-Bis(tert-butylcarbonyl)-1-[4-(dimethylamino)pyridinio]ethen-1-olate. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 1315-1322.	1.2	20
188	Formation of Cumulenes, Triple-Bonded, and Related Compounds by Flash Vacuum Thermolysis of Five-Membered Heterocycles. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 2209-2220.	1.2	41
189	Formation of Cumulenes, Triple-Bonded, and Related Compounds by Flash Vacuum Thermolysis of Five-Membered Heterocycles. , 2001, 2001, 2209.		2
190	CHEMISTRY: Fleeting Molecules Extend Their Stay. <i>Science</i> , 2001, 292, 1846-1847.	6.0	20
191	Mass spectrometric studies of elusive molecules that contain an N+X bond. <i>Mass Spectrometry Reviews</i> , 2000, 19, 367-389.	2.8	27
192	Mesoions and ketene valence isomers. Pyrrolo[1,2-a]pyridinylium olates and (2-pyridyl)carbonylketenes. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 401-406.	1.3	9
193	Acyliothioacetene-Thioacylketene-Thiet-2-one Rearrangements. <i>Journal of Organic Chemistry</i> , 2000, 65, 2706-2710.	1.7	22
194	Direct Observation of a Carbene-Pyridine Ylide by Matrix IR Spectroscopy. Rearrangements of 2-Pyridylacylcarbenes. <i>Journal of the American Chemical Society</i> , 2000, 122, 1945-1948.	6.6	52
195	The thioacyl isocyanate-acyl isothiocyanate rearrangement. <i>Perkin Transactions II RSC</i> , 2000, , 1846-1850.	1.1	11
196	Mesoionic pyridopyrimidinylium and pyridooxazinylium olates and non-mesoionic pyridopyrimidinones. Structures in the solid state, solution, and matrices. <i>Perkin Transactions II RSC</i> , 2000, , 2096-2108.	1.1	19
197	Mesoions and ketene valence isomers. Three types of rearrangement of mesoionic pyridopyrimidinylium olates involving ketene intermediates. <i>Perkin Transactions II RSC</i> , 2000, , 1841-1845.	1.1	24
198	Monomer, dimers and trimers of cyanogen N-oxide, Ni-C-C-N-O. An X-ray, FVT-MS/IR and theoretical investigation. <i>Perkin Transactions II RSC</i> , 2000, , 473-478.	1.1	29

#	ARTICLE	IF	CITATIONS
199	Mono-, Di-, and Trinitrenes in the Pyridine Series. <i>Journal of the American Chemical Society</i> , 2000, 122, 1572-1579.	6.6	51
200	A Stable Ketene-Pyridine Prereactive Intermediate: Experimental and Theoretical Identifications of the C <sub>3</sub> O <sub>2</sub> -Pyridine Complex. <i>Journal of Physical Chemistry A</i> , 2000, 104, 3466-3471.	1.1	17
201	3-Diphenylmethylpyrido[1,2-a][1,3,5]triazine-2,4-dione. <i>Arkivoc</i> , 2000, 2000, 438-444.	0.3	7
202	Mass Spectrometry of S = C = (C) <sub>n</sub> = C = X Cumulenes. <i>Sulfur Reports</i> , 1999, 21, 357-371.	0.7	7
203	Aryliminopropadienone-C-Amidoketenimine Amidinoketene-2-Aminoquinolone Cascades and the Ynamine-Isocyanate Reaction. <i>Journal of Organic Chemistry</i> , 1999, 64, 3608-3619.	1.7	64
204	Formation and characterization of methoxy isothiocyanate (CH <sub>3</sub> ON=C=S) and methyl cyanate N-sulfide (CH <sub>3</sub> OCN=S) as radical cations and neutrals in the gas phase. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 1683-1688.	0.9	9
205	Alkoxy isothiocyanates, RO-N=C=S. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 1869-1873.	0.9	12
206	(2-Pyridyl)iminopropadienone. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 1087-1094.	0.9	18
207	On the Reaction of Dipivaloylketene Dimer with Oximes and Hydrazines – Synthesis of Tetraoxadamantanes. <i>Heterocycles</i> , 1998, 48, 1841.	0.4	7
208	Generation of nitrile N-selenides, RC≡NSe, as neutrals and radical cations in the gas phase. <i>Tetrahedron Letters</i> , 1998, 39, 533-536.	0.7	20
209	Studies of reactive intermediates using matrix and gas-phase techniques. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 350-355.	0.9	27
210	Retro-Ene Reactions in Acylallene Derivatives. <i>Journal of Organic Chemistry</i> , 1998, 63, 2619-2626.	1.7	28
211	Synthesis of aminoquinolones from triazoles via carboxamidoketenimine and amidinoketene intermediates. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 2583-2586.	0.9	14
212	Dihydro-1,3-diazepinones and diazabicyclo[3.2.0]heptenones from pyridyl azides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 2247-2250.	0.9	25
213	Facile 1,3-Shift of Chlorine in a Chlorocarbonylketene. <i>Journal of the American Chemical Society</i> , 1998, 120, 1701-1704.	6.6	34
214	On the Di-1-naphthylcarbene-Dibenzofluorene Rearrangement and the Ethylenization of Diarylcarbinols. <i>Journal of Organic Chemistry</i> , 1998, 63, 8417-8423.	1.7	11
215	4,6-Dimethyl-o-quinone Methide and 4,6-Dimethylbenzoxete. <i>Journal of Organic Chemistry</i> , 1998, 63, 9806-9811.	1.7	44
216	Carboxy(vinyl)ketene intermediates in the thermolysis of methylthio- and methoxy-substituted Meldrum's acid derivatives. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 493-498.	0.9	9

#	ARTICLE	IF	CITATIONS
217	N-Mesityl-C-acylketenimines: 1,5-Sigmatropic Shifts and Electrocyclization to Quinolines. <i>Journal of Organic Chemistry</i> , 1998, 63, 5779-5786.	1.7	26
218	Nitrile-N-Selenide (RC <sub>3</sub> NSe) and Isoselenocyanate (RNCSe) Neutrals and Radical Cations by Selenation of Nitriles and Isonitriles: A Tandem Mass Spectrometry and ab Initio Studies. <i>Journal of Physical Chemistry A</i> , 1998, 102, 9021-9030.	1.1	23
219	Ketenes from N-(2-Pyridyl)amides. Isolation of Methoxycarbonyl Ketenes. <i>Acta Chemica Scandinavica</i> , 1998, 52, 654-655.	0.7	4
220	Neutralization-Reionization Mass Spectrometry of Sulfur-containing Compounds. <i>Sulfur Reports</i> , 1997, 20, 255-278.	0.7	8
221	<sup>13</sup> C NMR calculations on azepines and diazepines. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 1851-1860.	0.9	14
222	Cyanoketene and Iminopropadienones. <i>Journal of Organic Chemistry</i> , 1997, 62, 4240-4247.	1.7	39
223	Generation of Nitrile-N-Sulfide (RCNS) Radical Cations and Neutrals via Ion-Molecule Reactions: A Tandem Mass Spectrometry and ab Initio MO Study. <i>Journal of Physical Chemistry A</i> , 1997, 101, 6970-6975.	1.1	42
224	Formation of thioketenes by thermal fragmentation of 1,2-dithiol-3-ones. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 173-178.	0.9	15
225	Nitrilimines: Evidence for the Allenic Structure in Solution, Experimental and ab Initio Studies of the Barrier to Racemization, and First Diastereoselective [3 + 2]-Cycloaddition. <i>Journal of the American Chemical Society</i> , 1997, 119, 2819-2824.	6.6	32
226	The Vinylketene-Acylallene Rearrangement: Theory and Experiment. <i>Chemistry - A European Journal</i> , 1997, 3, 237-248.	1.7	30
227	2-Pyridyl Nitrene-1,3-Diazacyclohepta-1,2,4,6-tetraene Rearrangements in the Trifluoromethyl-2-pyridyl Azide Series 1a. <i>Journal of the American Chemical Society</i> , 1996, 118, 4009-4017.	6.6	55
228	Reactivity of Ketenes in Matrices. Direct Observation of Ketene-Pyridine Ylides. <i>Journal of the American Chemical Society</i> , 1996, 118, 5634-5638.	6.6	58
229	Interconversions of Phenylcarbene, Cycloheptatetraene, Fulvenallene, and Benzocyclopropene. A Theoretical Study of the C <sub>7</sub> H <sub>6</sub> Energy Surface. <i>Journal of Organic Chemistry</i> , 1996, 61, 7022-7029.	1.7	128
230	(Cyanovinyl)ketenes From Azafulvenones. An Apparent Retro-Wolff Rearrangement. <i>Journal of the American Chemical Society</i> , 1996, 118, 3852-3861.	6.6	37
231	Facile 1,3- and 1,5-Chlorine Migration. <i>Journal of Organic Chemistry</i> , 1996, 61, 6809-6813.	1.7	38
232	Reactivity of Carbenes and Ketenes in Low-Temperature Matrices. Carbene CO Trapping, Wolff Rearrangement, and Ketene-Pyridine Ylide (Zwitterion) Observation. <i>Journal of the American Chemical Society</i> , 1996, 118, 12598-12602.	6.6	64
233	Imidoalkylketene-Oxoketenimine Interconversion. Rearrangement of a Carbomethoxyketenimine to a Methoxyimidoalkylketene and 2-Methoxy-4-quinolone. <i>Journal of Organic Chemistry</i> , 1996, 61, 1363-1368.	1.7	74
234	Generation of New Nitrile-N-Sulfides (NCCNS, R <sub>2</sub> NCNS, H <sub>3</sub> CSCNS, and ClCNS) as Ions and Neutrals in the Gas Phase: A Tandem Mass Spectrometry, Flash Vacuum Pyrolysis, and ab Initio MO Study. <i>The Journal of Physical Chemistry</i> , 1996, 100, 17452-17459.	2.9	37

#	ARTICLE	IF	CITATIONS
235	Synthesis of 1H- and 5H-1,3-diazepines from azido- and tetrazolo-pyridines. <i>Chemical Communications</i> , 1996, , 813.	2.2	11
236	An Unexpected Effect of the Nature of the Collision Gas in Collisional Activation Mass Spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 232-234.	0.7	18
237	Novel Heterocumulenes: Bisiminopropadienes and Linear Ketenimines. <i>Chemistry - A European Journal</i> , 1996, 2, 1318-1329.	1.7	25
238	The cheletropic trapping of nitric oxide by the bis-ketene 1,2-dicarbonylcyclohexa-3,5-diene and the diene 3,4-diphenyl-2,5-dimethyl-2,4-hexadiene. <i>Tetrahedron Letters</i> , 1996, 37, 2113-2116.	0.7	19
239	Synthesis of N-Confused Porphyrin Analogues by $\hat{I}^2$ -Azafulvenone Tetramerization. <i>Journal of Organic Chemistry</i> , 1996, 61, 8125-8131.	1.7	17
240	Photochemistry of Deuterated Acetylketenes: A Matrix Isolation Infrared Spectroscopic and ab Initio Studies. <i>The Journal of Physical Chemistry</i> , 1996, 100, 3917-3922.	2.9	15
241	Characterization of New Cumulenes C <sub>2</sub> NX <sub>2</sub> (X = O or S): Tandem Mass Spectrometry and ab Initio Studies. <i>The Journal of Physical Chemistry</i> , 1996, 100, 10536-10541.	2.9	13
242	Polycarbon sulfides C <sub>n</sub> S (n = 2-6) and corresponding hydrides HC <sub>n</sub> S.. Neutralization-reionization mass spectrometry and ab initio molecular orbital study. <i>Rapid Communications in Mass Spectrometry</i> , 1995, 9, 203-208.	0.7	22
243	3-carbonyl-3H-indole: Direct observation and tetramerization to a tetrabenzoporphyrin analogue. <i>Tetrahedron Letters</i> , 1995, 36, 3913-3916.	0.7	13
244	Imidoalkylketene - oxoketenimine rearrangement. Facile 1,3-shift of an alkoxy group. <i>Tetrahedron Letters</i> , 1995, 36, 6547-6550.	0.7	46
245	Polycarbon Disulfides SC <sub>n</sub> S (n = 1-3) and Their Protonated and Methylated Forms (HC <sub>n</sub> S <sub>2</sub> <sup>+</sup> and Tj ETQq1 1 0.784314 rgBT /Overlock 10 99, 16849-16856.	2.9	26
246	A Remarkably Stable Linear Ketenimine. <i>Journal of the American Chemical Society</i> , 1995, 117, 6789-6790.	6.6	29
247	Vinylketene-Acylallene Rearrangement. <i>Journal of the American Chemical Society</i> , 1995, 117, 9582-9583.	6.6	30
248	Acetylketene: Conformational Isomerism and Photochemistry. Matrix Isolation Infrared and Ab Initio Studies. <i>Journal of Organic Chemistry</i> , 1995, 60, 1686-1695.	1.7	63
249	A convenient de novo synthesis of functionalised 2,4,6,8-tetraoxadamantanes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 797.	2.0	13
250	Synthesis and Flash Vacuum Pyrolysis of Isoxazolo- and Isothiazolo[5,4-d]pyrimidines. <i>Heterocycles</i> , 1994, 37, 1615.	0.4	9
251	Protonated Forms of Iminopropadienones, RN:C:C:C:O, and Cyanoketenes: Combined ab initio MO and Mass Spectrometry Studies. <i>The Journal of Physical Chemistry</i> , 1994, 98, 4814-4820.	2.9	20
252	Iminoethenone Radical Cations (RN=C=C=O.cntdot.+): Tandem Mass Spectrometry and ab Initio MO Studies. <i>The Journal of Physical Chemistry</i> , 1994, 98, 5801-5806.	2.9	24

#	ARTICLE	IF	CITATIONS
253	Î±-Oxoketenes - Preparation and Chemistry. Synthesis, 1994, 1994, 1219-1248.	1.2	131
254	Characterization of new diimines of carbon suboxide by tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 1994, 8, 329-332.	0.7	2
255	Nitrile Imines: From Matrix Characterization to Stable Compounds. Angewandte Chemie International Edition in English, 1994, 33, 527-545.	4.4	112
256	Nitrilimine: von der Charakterisierung in Matrix zu stabilen Verbindungen. Angewandte Chemie, 1994, 106, 549-568.	1.6	30
257	Synthesis of a photoactivatable 9-Z-oleic acid for protein kinase C labeling. Tetrahedron, 1994, 50, 3785-3796.	1.0	18
258	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
259	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
260	Synthesis of Isoxazolo[4,5- $\epsilon$ ]Pyrimidinones, and their Isomerization into Oxazolo[4,5- $\epsilon$ ]Pyrimidinones on Flash Vacuum Pyrolysis. Bulletin Des Sociétés Chimiques Belges, 1994, 103, 181-184.	0.0	10
261	Formation and identification of ionized and neutral cumulenes, RN=C=C=C=NH, by tandem mass spectrometry. Organic Mass Spectrometry, 1993, 28, 1161-1166.	1.3	7
262	Direct Observation and Trapping of a Heterocyclic Î±-Oxo Ketene: 3-Carbonyl-1,3-dihydro-1-methyl-2H-indol-2-one. Chemische Berichte, 1993, 126, 2357-2360.	0.2	13
263	Matrix isolation and infrared spectrum of thioformyl cyanide. Tetrahedron Letters, 1993, 34, 6623-6626.	0.7	13
264	[2+4] Cycloaddition reactions of neat dipivaloylketene. Monatshefte für Chemie, 1993, 124, 1133-1141.	0.9	13
265	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
266	Characterization of the bisketene photoisomer of benzocyclobutenedione. Journal of Organic Chemistry, 1993, 58, 747-749.	1.7	29
267	Structure of nitrilimine: allenic or propargylic?. Journal of the American Chemical Society, 1993, 115, 7743-7746.	6.6	38
268	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
269	On the Thermal Fragmentation of 3-Methyl-1-phenylpyrazole-4,5-dione.. Acta Chemica Scandinavica, 1993, 47, 940-942.	0.7	8
270	Hydrogen cyanide dimers: photoelectron spectrum of iminoacetonitrile. The Journal of Physical Chemistry, 1992, 96, 4801-4804.	2.9	18



#	ARTICLE	IF	CITATIONS
271	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
272	A nitroketene to nitrile oxide transformation. Journal of the Chemical Society Chemical Communications, 1992, , 485.	2.0	16
273	Infrared spectrum of dinitrogen sulfide. The Journal of Physical Chemistry, 1992, 96, 2065-2068.	2.9	28
274	Methyleneketeneâ€“imidoylketeneâ€“oxoketenimine rearrangements. Journal of the Chemical Society Chemical Communications, 1992, .	2.0	39
275	Iminopropadienones, RNi€Ci€Ci€O: syntheses and reactions. Journal of the Chemical Society Chemical Communications, 1992, , 1571-1573.	2.0	30
276	Imidoylketeneâ€“azetin-2-oneâ€“oxoketenimine rearrangement. Journal of the Chemical Society Chemical Communications, 1992, , 488-490.	2.0	26
277	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
278	Trifluoromethyl-substituted dehydrodiazepines and cyanopyrroles from azido-/tetrazolo-pyridines. Journal of the Chemical Society Chemical Communications, 1992, , 1062.	2.0	27
279	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
280	Characterization of iminopropadienone ions and neutrals in a tandem mass spectrometer. Rapid Communications in Mass Spectrometry, 1992, 6, 667-670.	0.7	19
281	Flash vacuum pyrolysis of tert-butyl Î²-ketoesters: sterically protected Î±-oxoketenes.. Tetrahedron, 1992, 48, 7641-7654.	1.0	29
282	A novel and convenient approach to functionalized 2,6,9-trioxabicyclo[3.3.1]nona-3,7-dienes (bridged) Tj ETQq0 0 0 rgBT /Overlock 10 1	0.7	22
283	Direct Observation of Benzoylketenes.. Acta Chemica Scandinavica, 1992, 46, 683-685.	0.7	16
284	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
285	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
286	HCN dimers: iminoacetonitrile and N-cyanomethanimine. Journal of the American Chemical Society, 1991, 113, 7261-7276.	6.6	58
287	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
288	N-Sulfides. Dinitrogen sulfide, thiofulminic acid, and nitrile sulfides. Chemical Reviews, 1991, 91, 363-373.	23.0	80

#	ARTICLE	IF	CITATIONS
289	Dipivaloylketene and its unusual dimerization to a permanently stable $\alpha$ -oxoketene. <i>Journal of the American Chemical Society</i> , 1991, 113, 4234-4237.	6.6	45
290	Thiofulminic acid ( $\text{H}\ddot{\text{C}}\text{--}\text{C}\equiv\text{S}$ ) and nitrile sulfides ( $\text{R}\ddot{\text{C}}\text{--}\text{C}\equiv\text{N}\text{S}$ ) in the gas phase. <i>Tetrahedron Letters</i> , 1991, 32, 1487-1490.	0.7	36
291	Flash-vacuum pyrolysis of 1-acylbenzotriazole: Direct observation of cyclopenta-2,4-dienylidenemethanimines by tandem mass spectrometry and low-temperature infrared spectrometry. <i>Organic Mass Spectrometry</i> , 1990, 25, 197-203.	1.3	24
292	Identification of the transient benzonitrile n-sulfide by flash-vacuum pyrolysis and neutralization/reionization mass spectrometry. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1990, 100, 477-488.	1.9	14
293	A new example of internal oxidation of remote groups in organic nitroaromatic ions. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1988, 86, 235-249.	1.9	4
294	Dinitrogen sulfide, $\text{N}_2\text{S}$ , revealed by photoelectron spectroscopy. <i>Journal of the American Chemical Society</i> , 1988, 110, 3458-3461.	6.6	30
295	Interrelationship between carboxyvinylketenes, methyleneketenes, vinylketenes, and hydroxyacetylenes. <i>Journal of the American Chemical Society</i> , 1988, 110, 1880-1883.	6.6	56
296	Primary ethynamines ( $\text{HC}\equiv\text{CNH}_2$ , $\text{PhC}\equiv\text{CNH}_2$ ), aminopropadienone ( $\text{H}_2\text{NCH}=\text{C}=\text{C}=\text{O}$ ), and imidoalketene ( $\text{HN}=\text{CHCH}=\text{C}=\text{O}$ ). Preparation and identification of molecules of cosmochemical interest. <i>Journal of the American Chemical Society</i> , 1988, 110, 1337-1343.	6.6	66
297	Benzyne, cyclohexyne, and 3-azacyclohexyne and the problem of cycloalkyne versus cycloalkylideneketene genesis. <i>Journal of the American Chemical Society</i> , 1988, 110, 1874-1880.	6.6	165
298	Flash pyrolysis of 1,4-bis(5-tetrazolyl)benzene. Entry to the $\text{C}_8\text{H}_6$ energy surface. <i>Journal of the American Chemical Society</i> , 1987, 109, 2534-2536.	6.6	11
299	Nitrile imines $\text{RC}\equiv\text{N--}\ddot{\text{N}}\text{--}\text{Si}(\text{CH}_3)_3$ : Optimization of gas phase synthesis and assignment of their photoelectron spectra. <i>Tetrahedron Letters</i> , 1987, 28, 617-620.	0.7	35
300	$\text{C}_2\text{H}_2\text{N}_2$ Isomers in the gas phase: Characterization of $\text{CH}_2\equiv\text{N--CN}$ and $\text{HN}\equiv\text{CH--CN}$ by collisional activation mass spectrometry. <i>Chemical Physics Letters</i> , 1987, 137, 241-244.	1.2	20
301	Benzothiet-2-ones: synthesis, reactions, and comparison with benzoxet-2-ones and benzazetin-2-ones. <i>Journal of Organic Chemistry</i> , 1987, 52, 3838-3847.	1.7	33
302	Dinitrogen sulfide. <i>Journal of Organic Chemistry</i> , 1986, 51, 1908-1910.	1.7	38
303	A stable methyleneketene and the stepwise fragmentation of Meldrum's acids. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 369-370.	2.0	29
304	Iminoacetonitrile, an HCN dimer; I.R. identification in an argon matrix. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 916.	2.0	10
305	Diazfulvenones. Thermal isomerizations and eliminations in alkoxy carbonyl and anilino carbonyl derivatives of imidazole. <i>Journal of Organic Chemistry</i> , 1986, 51, 306-309.	1.7	12
306	Unsaturated ketenes: A study of their formation and rearrangement by tandem mass spectrometry and low-temperature infrared spectroscopy. <i>Organic Mass Spectrometry</i> , 1986, 21, 259-265.	1.3	15

#	ARTICLE	IF	CITATIONS
307	Nitrile Ylides and Azirines: Gas-Phase Generation from 2,3-Dihydro-1,4,5-oxazaphospholes and Matrix Isolation. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 85-86.	4.4	34
308	ESR Observation of Thermally Produced Triplet Nitrenes and Photochemically Produced Triplet Cycloheptatrienylidenes. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 480-482.	4.4	82
309	Nitrilide und Azirine: Erzeugung in der Gasphase aus 2,3-Dihydro-1,4,5-oxazaphospholen und Matrix-Isolierung. <i>Angewandte Chemie</i> , 1986, 98, 99-100.	1.6	9
310	ESR-spektroskopischer Nachweis thermisch erzeugter Triplett-Nitrene und photochemisch erzeugter Triplett-Cycloheptatrienylidene. <i>Angewandte Chemie</i> , 1986, 98, 476-477.	1.6	21
311	Force field-SCF calculations on cyclopropene intermediates in carbene rearrangements. Comparison with experiment. <i>Tetrahedron</i> , 1985, 41, 1601-1612.	1.0	31
312	Nitrile Imines: Thermal Generation, Direct Observation, and Subsequent Trapping. <i>Angewandte Chemie International Edition in English</i> , 1985, 24, 56-57.	4.4	43
313	Nitrilimine: thermische Erzeugung, direkte Beobachtung und Abfangreaktion. <i>Angewandte Chemie</i> , 1985, 97, 74-75.	1.6	19
314	4-Alkylideneisoxazol-5-ones. Synthesis, tautomerism, and rearrangement to pyrroles. <i>Journal of Organic Chemistry</i> , 1985, 50, 2041-2047.	1.7	30
315	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. <i>Journal of Organic Chemistry</i> , 1985, 50, 2877-2881.	1.7	25
316	Geometrical isomers of a bridgehead imine: (E)- and (Z)-2-azabicyclo[3.2.1]oct-1-ene, and 2-azabicyclo[2.2.2]oct-1-ene. <i>Journal of the American Chemical Society</i> , 1985, 107, 2799-2801.	6.6	24
317	Gas-Phase and Matrix Studies. , 1984, , 395-432.		8
318	The millimeter wave rotational spectrum of N-cyanomethanimine, CH <sub>2</sub> NCN. <i>Journal of Molecular Spectroscopy</i> , 1984, 105, 193-205.	0.4	23
319	Acyl- and Thioacylketenes: Synthesis of 3-Benzoyl-4-phenylthiet-2-one. <i>Angewandte Chemie International Edition in English</i> , 1984, 23, 800-802.	4.4	40
320	A Novel Ketoketene " Ketoketene Rearrangement. <i>Angewandte Chemie International Edition in English</i> , 1984, 23, 802-802.	4.4	39
321	Acyl- und Thioacylketene: Synthese von 3-Benzoyl-4-phenylthiet-2-on. <i>Angewandte Chemie</i> , 1984, 96, 792-792.		15
322	Die Ketoketen " Ketoketen-Umlagerung. <i>Angewandte Chemie</i> , 1984, 96, 792-795.	1.6	10
323	Reactive nitrogenous molecules from Meldrum's acid derivatives, pyrrole-2,3-diones, and isoxazolones. <i>Journal of Organic Chemistry</i> , 1984, 49, 2772-2779.	1.7	93
324	Synthesis of 1-azaazulene and benz[a]azulene by carbene rearrangement. <i>Journal of the American Chemical Society</i> , 1984, 106, 3705-3706.	6.6	28

#	ARTICLE	IF	CITATIONS
325	2-Azaadamant-1-ene and 4-azaprotadamant-3-ene. <i>Journal of the American Chemical Society</i> , 1984, 106, 7996-7998.	6.6	16
326	Synthesis of Unusual Molecules by Flash Vacuum Pyrolysis of Heterocyclic Compounds. <i>Heterocycles</i> , 1984, 21, 355.	0.4	1
327	1,2-Cyclohexadiene. <i>Angewandte Chemie International Edition in English</i> , 1983, 22, 542-543.	4.4	34
328	Thietones, Oxetones, and Azetones. <i>Angewandte Chemie International Edition in English</i> , 1983, 22, 543-543.	4.4	11
329	(Iminomethylidene)phosphines (RP:C:NR). <i>Journal of the American Chemical Society</i> , 1983, 105, 7194-7195.	6.6	35
330	Direct observation of 1-azafulven-6-one and annelated derivatives. <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 360.	2.0	18
331	Collisional Activation of Benzonitrilimine Radical Cation and Some of its Isomers. <i>Bulletin Des Sociétés Chimiques Belges</i> , 1982, 91, 565-567.	0.0	2
332	Heterocyclic Rearrangements: New Cumulenes and Acetylenes. <i>Bulletin Des Sociétés Chimiques Belges</i> , 1982, 91, 997-1002.	0.0	8
333	Organic fulminates, R-O-NC. <i>Journal of Organic Chemistry</i> , 1981, 46, 1046-1048.	1.7	42
334	Carbenes and Nitrenes in Heterocyclic Chemistry: Intramolecular Reactions. <i>Advances in Heterocyclic Chemistry</i> , 1981, , 231-361.	0.9	84
335	Isocyanoamines, R-NH-NC. <i>Journal of Organic Chemistry</i> , 1981, 46, 1045-1046.	1.7	30
336	Azulen-Naphthalin-Umlagerung. Thermolyse von [4,7- <sup>13</sup> C <sub>2</sub> ]-Azulen/ Azulene-Naphthalene Rearrangement. Thermolysis of [4,7- <sup>13</sup> C <sub>2</sub> ] Azulene. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1981, 36, 852-857.	0.3	13
337	Dissociation of the diphenylnitrile imine radical cation into benzonitrile and [phenylnitrene] <sup>+</sup> . <i>Organic Mass Spectrometry</i> , 1981, 16, 115-117.	1.3	12
338	Carbenreaktionen, XIV. Cycloheptatrienyliden durch Gasphasen-Thermolyse von C <sub>7</sub> H <sub>7</sub> -Acetaten. <i>Liebigs Annalen Der Chemie</i> , 1980, 1980, 1198-1206.	0.8	11
339	Acylated Ketenimines and Allenes from Oxazol-5(4H)-ones and Furan-2(3H)-ones. <i>Angewandte Chemie International Edition in English</i> , 1980, 19, 564-566.	4.4	22
340	Cyclic Carbodiimides in Nitrene Rearrangements. <i>Angewandte Chemie International Edition in English</i> , 1980, 19, 566-567.	4.4	22
341	N-Ethynylamines of the Type R <sub>1</sub> NH-C≡C <sub>1/2</sub> C <sub>1/2</sub> H. <i>Angewandte Chemie International Edition in English</i> , 1980, 19, 720-721.	4.4	27
342	2-Vinylidene-2H-indene. <i>Angewandte Chemie International Edition in English</i> , 1980, 19, 821-822.	4.4	10

#	ARTICLE	IF	CITATIONS
343	Isolation of diazacycloheptatetraenes from thermal nitrene-nitrene rearrangements. <i>Journal of the American Chemical Society</i> , 1980, 102, 6159-6161.	6.6	115
344	Azulene-naphthalene rearrangement. Involvement of 1-phenylbuten-3-yne and 4-phenyl-1,3-butadienyldiene. <i>Journal of the American Chemical Society</i> , 1980, 102, 5110-5112.	6.6	64
345	The 1,4-hydrogen shift in nitrile ylides. <i>Journal of the Chemical Society Chemical Communications</i> , 1980, , 503.	2.0	5
346	Nitrile imideâ€“imidoylnitreneâ€“carbodi-imide rearrangement. <i>Journal of the Chemical Society Chemical Communications</i> , 1980, , 502-503.	2.0	30
347	Isomerisation of 1- and 2-naphthylcarbene to cyclobuta[de]naphthalene. <i>Journal of the Chemical Society Chemical Communications</i> , 1980, , 190.	2.0	16
348	Nitrile imine and carbene rearrangements. From furfural to benzofulvene-8-carboxaldehyde, 8-benzofulvenylcarbene, and 1-vinylideneindene. <i>Journal of Organic Chemistry</i> , 1980, 45, 1407-1409.	1.7	38
349	The Behavior of Arylcarbenes and Arylnitrenes in the Gas Phase. , 1980, , 263-319.		15
350	A New Synthesis of Fulminic Acid. <i>Angewandte Chemie International Edition in English</i> , 1979, 18, 467-468.	4.4	51
351	2-Ethynylindene by rearrangement of 2-vinylidene-2H-indene and 2-indenylvinylidene. <i>Tetrahedron Letters</i> , 1979, 20, 4249-4252.	0.7	8
352	A General and Facile Synthesis of Aryl- and Hetero-arylacetylenes. <i>Angewandte Chemie International Edition in English</i> , 1978, 17, 609-610.	4.4	42
353	Synthesis of Aryl and Heteroaryl Isocyanides from Nitroso Compounds. <i>Angewandte Chemie International Edition in English</i> , 1978, 17, 688-689.	4.4	20
354	Intramolecular cyclization of nitrile imines. Synthesis of indazoles, fluorenes, and aza analogs. <i>Journal of Organic Chemistry</i> , 1978, 43, 2037-2041.	1.7	63
355	Automerization in vinylidenecyclopentadiene and phenylcarbene. <i>Journal of the Chemical Society Chemical Communications</i> , 1977, , 210-211.	2.0	26
356	1H-Benzazirines. Intermediates in the ring contraction of iminocyclohexadienyldienes and arylnitrenes. <i>Journal of the American Chemical Society</i> , 1976, 98, 1258-1259.	6.6	57
357	Pyridylnitrenes. Mechanism of ring contraction to cyanopyrroles. <i>Journal of the American Chemical Society</i> , 1976, 98, 1259-1260.	6.6	37
358	Rearrangements and interconversions of carbenes and nitrenes. , 1976, 62, 173-251.		105
359	15N Labelling: Potassium azide, tetrazoles and imidazoles. <i>Helvetica Chimica Acta</i> , 1976, 59, 256-259.	1.0	11
360	Tetrazoloazines. 15N nuclear magnetic resonance and infrared absorption spectroscopy. <i>Helvetica Chimica Acta</i> , 1976, 59, 259-264.	1.0	25

#	ARTICLE	IF	CITATIONS
361	Nucleophilic and Electrophilic Properties of Carbenes, II. 4-Biphenyl-4-pyridylcarbene. <i>Helvetica Chimica Acta</i> , 1976, 59, 2068-2073.	1.0	20
362	Flash Pyrolysis of 4-Arylmethylidene-oxazolones and -isoxazolones. A Versatile Synthesis of Arylacetylenes. Preliminary communication. <i>Helvetica Chimica Acta</i> , 1976, 59, 2615-2617.	1.0	40
363	Carbenic Behaviour of Isocyanamines generated by Flash Pyrolysis of 4-Arylhydrazono-isoxazol-5-ones. Rearrangement to Cyanamides and Indazoles. Preliminary communication. <i>Helvetica Chimica Acta</i> , 1976, 59, 2618-2620.	1.0	21
364	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. <i>Journal of the American Chemical Society</i> , 1975, 97, 7467-7480.	6.6	64
365	On the Ring-Expansion in Aromatic Nitrenes and Carbenes. <i>Helvetica Chimica Acta</i> , 1974, 57, 2111-2124.	1.0	44
366	Thermochemistry of carbene and nitrene rearrangements. <i>Tetrahedron</i> , 1974, 30, 1301-1311.	1.0	68
367	One-step syntheses of fulvene and fulvenallen: Thermolysis of $\hat{I}\pm$ -coumaranone, phthalide, and benzocyclopropene. <i>Tetrahedron Letters</i> , 1973, 14, 2915-2918.	0.7	35
368	A thermochemical explanation of dissimilar reactivities of aromatic lactones, carbonates, and sulphites. <i>Tetrahedron Letters</i> , 1973, 14, 2919-2922.	0.7	6
369	Hetarylnitrenes V. Reactions of Tetrazolopyrazine Ring Contraction of Nitrenodiazines in Solution. Preliminary communication. <i>Helvetica Chimica Acta</i> , 1972, 55, 565-569.	1.0	25
370	The Relationship between C <sub>6</sub> H <sub>5</sub> N Isomers. Pyrolysis of isatins. <i>Helvetica Chimica Acta</i> , 1972, 55, 1613-1617.	1.0	24
371	Hetarylnitrenesâ€”IV. <i>Tetrahedron</i> , 1971, 27, 367-374.	1.0	32
372	Pyrolysis of N-Sulfinylaniline Microwave Detection of the SO Molecule. Preliminary communication. <i>Helvetica Chimica Acta</i> , 1971, 54, 273-275.	1.0	7
373	Thermal Interconversion of Phenylcarbene and Tropyliene. Preliminary communication. <i>Helvetica Chimica Acta</i> , 1970, 53, 1459-1463.	1.0	60
374	Pyrolysis of 1(H)-triazoloarenes. <i>Tetrahedron</i> , 1970, 26, 3965-3981.	1.0	89
375	Hetarylnitrenesâ€”I. <i>Tetrahedron</i> , 1970, 26, 4915-4924.	1.0	36
376	Hetarylnitrenesâ€”II. <i>Tetrahedron</i> , 1970, 26, 4969-4983.	1.0	92
377	The aromatic nitreneâ€”carbene interconversion. <i>Challenge</i> , 1969, ,	0.4	38
378	Nitrogen scrambling in 2-pyridylnitrene. <i>Challenge</i> , 1969, , 1387.	0.4	38

#	ARTICLE	IF	CITATIONS
379	Alkyl Cyanates. VI. Chemical Reactions of Alkyl Cyanates.. Acta Chemica Scandinavica, 1966, 20, 2091-2106.	0.7	45
380	Alkyl Cyanates. VII. Mass Spectra of Cyanates.. Acta Chemica Scandinavica, 1966, 20, 2107-2122.	0.7	37
381	Alkyl Cyanates. VIII. The Formation of Alkyl Cyanates from Alkyl Halides and Silver Cyanate.. Acta Chemica Scandinavica, 1966, 20, 2123-2127.	0.7	22
382	Alkyl Cyanates. IX. Addition-Elimination Reactions of Ethyl Cyanate.. Acta Chemica Scandinavica, 1966, 20, 2128-2130.	0.7	9