

List of Publications of Dieter Lenoir

as of February 22, 2016

Publications in Referenced Journals with Number of Citations according to ISI web of Science in January. 2nd, 2016 [], cumulative number of Citations: ca. 4650, h = 38, average citation of each paper:19,4.

1969

1. Über die Struktur des „Chromophors“ im Antibiotikum Moenomycin; R. Tschesche, D. Lenoir, H. L. Weidenmüller, Tetrahedron Letters, 141-144 (1969) (About the Structure of the “Chromophore” in Antibiotic Moenomycin) [27]
2. Moenomycin A : Further Characterization and Chemistry; D. Lenoir, R. Tschesche, W. Wucherpfennig, G. Huber, H. L. Weidenmüller, Antimicrobial Agents Chemotherapy, 144-147 (1969) [15]

1970

3. Über die Inhaltsstoffe aus Ravensara aromatica, einer auf Madagaskar vorkommenden Lauracee; A. Groebel, D. Lenoir, R. Pernet; Planta Medica, vol. **18**, issue 1, pp. 66-72 (1970) (About the Constituents of Ravensara aromatica, a Lauracee from Madagascar) [5]
4. Über ein neues Alkaloid aus Cabula madagascariensis Pich.; A. Groebel, D. Lenoir, R. Pernet; Planta Medica, vol. **19**, issue 1, pp. 1-5 (1970) (About A New Alkaloid of Cabula madagascariensis Pich.) [6]
5. Chemistry of 4-Protoadamantyl Derivatives; D. Lenoir, P. v. R. Schleyer; J. Chem. Soc., Chem. Comm. 941-942 (1970) [46]

1971

6. Synthesis of 1,2- and 2,4-Disubstituted Adamantanes. The Protoadamantane Route; D. Lenoir, R. Glaser, P. Mison, P. v. R. Schleyer; J. Org. Chem. **36**, 1821-1826 (1971) [59]

7. Protoadamantene as a Synthetic Precursor to 2,4-Diaxial Adamantane Derivatives; D. Lenoir, P. v. R. Schleyer, C. A. Cupas, W. E. Heyd, J. Chem. Soc., Chem. Com. 26-27 (1971) [15]
8. Solvolyse von Spirocyclopropyl-substituierten 2-Benzonorbornenyltosylaten. Ein Beitrag zur Natur des 2-Benzonorbornenyl-Kations; D. Lenoir, P. v. R. Schleyer, J. Ipaktschi, Liebigs Ann. Chem. **750**, 28-38 (1971) (Solvolysis of Spirocyclopropyl-Substituted 2-Benzonorbornenyl Tosylates. A Contribution to the Nature of the 2-Benzonorbornenyl Cation) [16]
9. Die Solvolyse von 1-Methyl-2-adamantylverbindungen. Einfluss von β -Methyl-Substitution auf die Solvolyse sekundärer Verbindungen; D. Lenoir, P. v. R. Schleyer, Angew. Chem. **83**, 918 (1971); Solvolysis of 1-Methyl-2-adamanyl Compounds. Influence of β -Methylsubstitution on Solvolysis of Secondary Compounds, Angew. Chem. Int. Ed. Engl. **10**, 943 (1971) [2]

1972

10. Versuche zum Nachweis von Tricyclo[3.3.1.1^{3,7}]dek-1-en (Adamanten) als Zwischenstufe bei der Bisdehalogenierung von 1-Brom-2-jodadamantan mit Lithium-Butylen; D. Lenoir; Tetrahedron Letters, **40**, 4049-4052 (1972) (Experiments for Detection of Tricyclo[3.3.1.1^{3,7}]dec-1-en (Adamantene) as Intermediate in Bisdehalogenation of 1-Bromo-2-iodoadamantane with Lithium Butylenes) [57]

1973

11. Solvolysis of Crowded 2-Adamantyl Derivatives. Comparison with the 2-Norbornyl System; D. Faulkner, M. A. McKervery, D. Lenoir, C. A. Sengler, P. v. R. Schleyer, Tetrahedron Letters 705-708 (1973) [15]
12. Solvolyse von 1-Aryl-2-adamantyl-tosylaten, Einfluss von β -Aryl-Substitution auf verbrückte und unverbrückte Carbonium-Ionen; D. Lenoir, Chem. Ber. Recl. **106**, 78-90 (1973) (Solvolysis of 1-Aryl-2-adamantyl Tosylates; Influence of β -Aryl Substitution on Bridged and Unbridged Cations) [19]

13. Zur Natur σ -bindungsverbrückter Carbonium-Ionen, II. Die Solvolyse von 1-Alkyl-2-adamantyltosylaten; D. Lenoir; Chem. Ber. Recl. **106**, 2366-2378 (1973) (Nature of σ -Bridged Cations II. Solvolysis of 1-Alkyl-2-adamantyl Tosylates) [25]

1974

14. Zur Natur σ -bindungsverbrückter Carbonium-Ionen, III. Solvolyse von an C-1 mit polaren Gruppen substituierten 2-exo-Norbornylbromiden. Ist das solvolytisch erzeugte 2-Norbornyl Kation unverbrückt oder verbrückt? D. Lenoir, Tetrahedron Letters 1563-1566 (1974) (Nature of σ -Bridged Cations III. Solvolysis of C-1 Substituted 2-exo-Norbornyl Bromides. Is the Solvolytically Generated 2-Norbornyl Cation Bridged or Unbridged?)[10]
15. Nachweis von Brückenkopfolefinen, II. Struktur der aus 1,2-Dihalogenadamantanen gebildeten Adamanten-Dimeren $C_{20}H_{28}$ bei der Dehalogenierung ; D. Lenoir, J. Firl, Liebigs Ann. Chem. **273**, 1467-1473 (1974) (Evidence for Bridgehead Olefins II. Structure of Adamantene Dimers ($C_{20}H_{28}$) from 1,2-Dihalogenadamantanes) [28]
16. The Chemistry of Protoadamantane. IV. Preparation and Solvolysis of Secondary 4-Protoadamantyl Esters, the Relationship to the Solvolysis of 2-Adamantyl Derivatives; D. Lenoir, R. E. Hall, P. v. R. Schleyer, J. Am. Chem. Soc. **96**, 2138-2148 (1974) [85]
17. The Chemistry of Protoadamantane. V. Solvolysis of 4-Methyl-4-protoadamantyl- and Related 1-Methyl-2-adamantyl-Derivatives; D. Lenoir, D. J. Raber, P. v. R. Schleyer, J. Am. Chem. Soc. **96**, 2149-2156 (1974) [60]
18. The Chemistry of Protoadamantane. VI. Bridged and Classical Polymethyl-2-adamantyl Cations; D. Lenoir, P. Mison, E. Hyson, P. v. R. Schleyer, M. Saunders, P. Vogel, L. A. Telkowski, J. Am. Chem. Soc. **96**, 2157-2164 (1974) [40]
19. Zur Natur des Benzonorbornen-2-yl Kations, II. Solvolyse von Isopropyliden-substituierten Benzonorbornen-2-yl-Estern; J. Ipaktschi, M. N. Iqbal, D. Lenoir, Chem. Ber. Recl. **107**, 1126-1135 (1974) (On the Nature of Benzonorbornen-2-yl Cations, II. Solvolysis of Isopropylidene-substituted Benzonorbornen-2-yl Esters) [7]

1975

20. Experimenteller Nachweis eines neuartigen mechanistischen Grenztypus der aliphatischen nucleophilen Substitution; T. ElGomati, D. Lenoir, I. Ugi, Angew. Chem. **87**, 66-67 (1975), Experimental Deduction of a New Type of a Nucleophilic, Aliphatic Substitution, Angew. Chem. Int. Ed. Engl. **14**, 59-60 (1975) [24]
21. Über σ -bindungsverbrückte Carbonium-Ionen, IV. Die Solvolyse 2-epimerer 1-substituierter 2-Norbornyltosylate. Interpretation von $k_{\text{exo}}/k_{\text{endo}}$ -Werten von unsubstituierten und substituierten 2-Norbornylverbindungen; D. Lenoir, Chem. Ber. **108**, 2055-2072 (1975) (On Bridged Cations, IV. Solvolysis of 2-Epimeric 2-Norbornyl Tosylates, Substituted at C-1. Interpretation of $k_{\text{exo}}/k_{\text{endo}}$ Values of Unsubstituted and Substituted 2-Norbornyl Compounds) [32]

1976

22. The Effect of Polar Substituents on the Solvolysis of Secondary and Tertiary 2-Norbornyl Derivatives; D. Lenoir, W. Röhl, G. Wenke, Tetrahedron Letters, 1991-1994 (1976)[15]
23. The Effect of C-3 Spirocyclopropylsubstitution on Solvolysis of Epimeric, Tertiary 2-Methyl-2-Benzonorbornenyl- and 2-Methyl-2-norbornyl-p-nitrobenzoates; D. Lenoir, W. Röhl, J. Ipaktschi, Tetrahedron Letters 3073-3076 (1976) [5]
24. Über den stereochemischen Verlauf von S_N2 -Reaktionen an *cis*- und *trans*-3-Äthoxycyclobutylverbindungen; T. Elgomati, J. Gasteiger, D. Lenoir, I. Ugi; Chem. Ber. **109**, 826-832 (1976) (On the Stereochemical Course of S_N2 Reactions in *cis*- and *trans*-3-Ethoxycyclobutyl Compounds) [16]

1977

25. Synthese tetrasubstituierter Ethylene durch reduktive Kupplung von Ketonen mittels Ti(II)-salzen. Zur Anwendung der Methode; D. Lenoir, Synthesis **1977**, 553-554 (Synthesis of Tetrasubstituted Ethylenes by Reductive Coupling of Ketones with Ti(II) Salts. The Application of the Method) [137]

26. Stabile tertiäre und sekundäre Cobaloxime. Reaktion von Cobaloxim(I) mit Bromiden aus der Reihe des Adamantans und Norbornans; H. Eckert, D. Lenoir, I. Ugi; J. Organometall. Chem. 141, C23-27(1977) (Stable Tertiary and Secondary Cobaloximes. Reaction of Cobaloxime(I) with Bromides Derived from Adamantane and Norbornane) [37]

1978

27. Synthese und Reaktionen eines sterisch gehinderten Olefins, *trans*-2,2,3,4,5,5-Hexamethyl-3-hexen; D. Lenoir, Chem. Ber. **111**, 411-414 (1978) (Synthesis and Reactions of a Sterically Hindered Olefin, *trans*-2,2,3,4,5,5-Hexamethyl-3-hexene) [31]
28. Trans-1-Methyl-2-adamantyliden-1-methyladamantan, ein Olefin mit sterisch gehinderter Doppelbindung; D. Lenoir, R. Frank; Tetrahedron Letters 53-56 (1978) (Trans-1-Methyl-2-adamantyliden-1-methyladamantane, an Olefin with a Sterically Hindered Double Bond) [14]
29. Ein Kapitel aktueller Wissenschaftsgeschichte: Die Kontroverse über nicht-klassische Carbonium-Ionen; D. Lenoir; Nachr. Chem. Techn. Lab. 26, 787-790 (1978) (A Chapter of Present History of Science: The Controversy about Nonclassical Cations) [3]

1979

30. An Improved Synthesis of Tricyclo[4.3.1.0^{3,6}]decan-4-one (4-Protoadamantanone); D. Lenoir; Synth. Communications **9**, 103-105 (1979) [8]
31. Umlagerung von sterisch stark gehinderten Δ^3 -1.3.4-Thiadiazolinen, Synthese von Di-*tert*-butylmethylenadamantan; F. Cordt, R. M. Frank, D. Lenoir, Tetrahedron Letters 505-508 (1979) (Rearrangement of Sterically Hindered Δ^3 -1.3.4-Thiadiazolines, Synthesis of Di-*tert*-butylmethylenadamantane) [18]
32. Verbrückte und unverbrückte Norbornyl-Kationen in der Gasphase. Berechnung zur Stabilität isomerer Norbornyl-Kationen mit Hilfe quantenmechanischer Verfahren; G. Wenke, D. Lenoir; Tetrahedron **35**, 489-498 (1979) (Bridged and Unbridged Norbornyl Cations in the Gasphase. Calculations of the Stability of Isomeric Norbornyl Cations with the Aid of Quantum-Mechanical Methods) [37]

33. Does Double Hyperconjugation Play a Role in 1-Bicyclo[2.2.2]octyl Cation? The Through Space Effect of Polar Substituents; G. Wenke, D. Lenoir, Tetrahedron Letters 2823-2826 (1979) [13]
34. Der retentive Verlauf nukleophiler Substitutionen an 7-*exo*-Norcaryltriflat; H. Dauner, D. Lenoir, I. Ugi; Z. Naturforsch. **34 B**, 1745-1749 (1979) (The Retentive Occurrence of Nucleophilic Substitutions with 7-*exo*-Norcaryl Triflate) [6]
35. Kraft-Feld-Rechnungen; Zum Beispiel: Gespannte Olefine, D. Lenoir, Nachr. Chem. Techn. Lab. **27**, 762-765 (1979) (For Example: Strained Olefins, Force-Field-Calculations) [13]
36. Chemie-Nobelpreis 1979: Herbert C. Brown; D. Lenoir; Chemie in unserer Zeit **13**, A 73-74 (1979) (Nobel Prize in Chemistry 1979: Herbert C. Brown)

1980

37. Rapidly Equilibrating Unsymmetrically Bridged 1,3,5,7-Tetramethyl- and Rapid Equilibrating Trivalent 1,2,3,5,7- Pentamethyl-2-adamantyl Cations. Additivity of ¹³C NMR Chemical Shifts Relating the Classical vs. Nonclassical Nature of Carbocations; P. v. R. Schleyer, D. Lenoir, P. Mison, G. Liang, G. K. S. Prakash, G. A. Olah, J. Am. Chem. Soc. **102**, 683-691 (1980) [116]
38. Sterisch gehinderte Olefine, V. Synthese und Röntgenstrukturanalyse von *trans*-1-Ethyl-2-(1-ethyl-2-adamantyliden)-adamantan, einem hochgespannten Ethylen. Vergleich mit Kraftfeld-Rechnungen; D. Lenoir, R. M. Frank, F. Cordt, A. Gieren, V. Lamm; Chem. Ber. **113**, 739-749 (1980) (Sterically Hindered Olefins, V. Synthesis and X-Ray Analysis of *trans*-1-Ethyl-2-(1-ethyl-2-adamantyliden)adamantane, a Highly Hindered Ethylene. Comparison with Force-Field Calculations) [20]
39. Effect of Steric Influences in Reductive Coupling of Carbonyl Compounds by Low-Valent Titanium Salts. Reduction of Highly Hindered Ketones; D. Lenoir, H. Burghard, J. Chem. Res. **1980**, (S) 396-397; (M) 4715-4725 [39]
40. Sterisch gehinderte Olefine, VII. Dehydratisierung von aliphatischen Di-*tert*-butylalkylcarbinolen, Kraftfeldrechnungen von sterisch gehinderten Ethylenen; D. Lenoir, H. Dauner, R. Frank, Chem. Ber. **113**, 2636-2647 (1980) (Sterically Hindered Olefins, VII. Dehydration of Aliphatic Di-*tert*-butylalkylcarbinols. Force-Field Calculations of Highly Hindered Ethylenes) [34]

41. Sterisch gehinderte Olefine, VIII. Reaktion von 1-Indanonen mit niedrigwertigen Titanverbindungen. Sterischer Einfluss von Methylsubstituenten bei 1-(1-Indanyliden)-indan und 9-(9-Fluorenyliden)-fluoren; D. Lenoir, P. Lemmen; Chem. Ber. **113**, 3112-3119 (1980) (Sterically Hindered Olefins, VIII. Reactions of 1-Indanones with Low-valent Titanium Compounds. Steric Influence of Methyl Substituents in 1-(1-Indanyliden)indanes and 9-(9-Fluorenyliden)fluorenes) [51]
42. Röntgenstruktur-Analyse von *trans*-1-Ethyl-2-(1-ethyl-2-adamantyliden)-adamantan, Vergleich mit Kraftfeld-Rechnungen; D. Lenoir, R.M. Frank, F. Cordt, A. Gieren, V. Lamm; Fresenius Z. Anal. Chem. **304**, 283 (1980) (X-Ray Structural Analysis of *trans*-1-Ethyl-2-(1-ethyl-2-adamantylidene)-adamantane. Comparison with Force-Field Calculations) [1]
43. Kraftfeldrechnungen an Fluorenylidenfluorenen. Vergleich der berechneten Geometrie eines stark tordierten Olefins mit den Röntgenstrukturdaten; P. Lemmen, D. Lenoir; Fresenius Z. Anal. Chem. **304**, 284-285 (1980) (Force-Field Calculations with Fluorenyliden Fluorenes. Comparison of the Calculated Geometry of a Strongly Twisted Olefin with X-Ray Structural Data) [2]
44. Synthese der epimeren 4-Methyl-Derivate von *endo-endo*- und *exo-endo*-Tetracyclo[6.2.1.1^{3,6}0^{2,7}]dodecan; D. Lenoir, R. M. Frank; Angew. Chem. **92**, 306-307 (1980), Synthesis of Epimeric 4-Methyl Derivatives of *endo-endo*- and *exo-endo*-Tetracyclo[6.2.1.1^{3,6}0^{2,3}]dodecane, Angew. Chem. Int. Ed. Engl. **19**, 318-319 (1980) [2]
45. Ergebnisse nichtbindender Wechselwirkungen, II. Notiz zur Umlagerung der isomeren Tetracyclo[6.2.1.1^{3,6}0^{2,7}]dodekane; D. Lenoir, R. M. Frank; Liebigs Ann. Chem. 650-652 (1980) (Results on Nonbonded Interactions, II. Note on the Rearrangement of Isomeric Tetracyclo[6.2.1.1^{3,6}0^{2,3}]dodecanes) [1]

46. Reaktion von Arylbromiden mit Cobaloxim(I). Röntgenstruktur Analyse des Umsetzungsproduktes von *cis*-3-Ethoxycyclobutylbrosylat mit (Pyridin)cobaloxim(I); D. Lenoir, H. Dauner, I. Ugi, A. Gieren, R. Hübner, V. Lamm; J. Organomet. Chem., **198**, C39-42 (1980) (Reaction of Arylbromides with Cobaloxim (I). X-Ray Structural Analysis of the Product Resulting from *cis*-3-Ethoxy-cyclobutylbrosylat with (Pyridine)cobaloxim(I) [3]

1981

47. Sterische Effekte bei *exo-endo*-Tetracyclo[6.2.1.1^{3,6}0^{2,7}]dodekanen, Einfluss von C-4 Substituenten auf die Solvolyse der 11-epimeren Sulfonate; D. Lenoir, R. M. Frank; Chem. Ber. **114**, 3336-3342 (1981) (Steric Effects in the Series of *exo-endo*-Tetracyclo [6.2.1.1^{3,6}0^{2,7}]dodecanes, Influence of C-4 Substituents on Solvolysis of Epimeric 11-Sulfonates) [14]
48. Remote Inductive Effects on Secondary and Tertiary 2-Norbornyl Solvolysis Rates; Y. Apeloig, D. Arad, D. Lenoir, P. v. R. Schleyer, Tetrahedron Letters 879-882 (1981) [15]

1982

49. Steric Effects on Reaction Rates- III. Application of Force-Field Calculations to Chromic Acid Oxidation of Alcohols; P. Müller, J. Blanc, D. Lenoir, Helv. Chim. Acta **65**, 1212-1220 (1982) [13]
50. Highly Crowded Enolates from Reaction of Di-*tert*-butyl-ketene with Alkyl lithium Reagents; D. Lenoir, H.R. Seikaly, T. T. Tidwell, Tetrahedron Letters 4987-4990 (1982) [9]

1983

51. Norbornyl-Kation. Zur Realität der carbokationischen 3-Zentren-2-Elektronen-Bindung; D. Lenoir, Nachr. Chem. Tech. Lab. **31**, 889-892 (1983) (Norbornyl-Cation. About the Reality of the Carbocationic 3-Center-two-electron Bond) [4]
52. Elektrochemische Erzeugung von Adamanten; D. Lenoir, W. Kornrumpf, H. P. Fritz; Chem. Ber. **116**, 2390-2393 (1983) (Electrochemical Generation of Adamantene) [7]

1984

53. Reduktive Kupplungsreaktionen von Ketonen aus der Reihe des 1-Indanons, 1-Tetralons und 9-Fluorenons. Konformative Effekte in der Reihe der Indanyliden-indane und Tetralinyliden-tetraline; P. Lemmen, D. Lenoir, Chem. Ber. **117**, 2300-2313 (1984) (Reductive Coupling Reactions of Ketones of the Series of 1-Indanones, 1-Tetralones, and 9-Fluorenones. Conformational Effects in the Series of Indanylidenindanes and Tetralinylidentetralanes) [25]
54. Synthesis and Conformational Behavior of *E*-3,4-Diethyl-2,2,5,5-tetramethylhexene-3; D. Lenoir, D. Malwitz, B. Meyer, Tetrahedron Letters 2965-2868 (1984) [20]
55. Photophysics of *cis*- and *trans*-1-(1-Indanyliden)indane. Spectroscopic Evidence of Aggregation of the *trans*-Isomer; J. Vogel, S. Schneider, F. Dörr, P. Lemmen, D. Lenoir, Chem. Phys. **90**, 387 -398 (1984) [12]

1985

56. Polar Effects of 4-Substituents in the Solvolysis of Tetracyclo[6.2.1.1^{3,6}.0^{2,7}]dodecanyl-11-triflates. Through Space vs. Inductive Model; D. Lenoir, R. M. Frank, Chem. Ber. **118**, 753-763 (1985) [2]
57. Darstellung und Röntgenstruktur-Analyse von 1,2,3,4,4a,9,9a,10-Octahydro-syn-17-Methyl-9,10[1',2']benzeno-1,4-methano-anthracen, einer gespannten alkylaromatischen Verbindung. Vergleich mit Kraftfeld-Rechnungen; H. J. Lindner, D. Lenoir, D. N. Butler, Chem. Ber. **118**, 363-369 (1985) (Preparation and X-Ray Structural Analysis of 1,2,3,4,4a,9,9a,10-Octahydro-17-syn-Methyl-9,10[1',2']benzeno-1,4-methanoanthracene, a Strained Alkylaromatic Compound. Comparison with Force-Field Calculations)
58. Generation, Alkylation, and Silylation of Directed Enolates formed by Reaction of Ketenes and Organolithium Compounds; L. M. Baigrie, D. Lenoir, H. R. Seikaly, T. T. Tidwell, J. Org. Chem. **50**, 2105-2109 (1985) [33]
59. Neuartige Reaktionen von Acylhalogeniden mit Bis(trimethylsilyl)-tellurid: C,Te und C,C-Verknüpfungen; T. Severengiz, W.-W. du Mont, D. Lenoir, H. Voss, Angew. Chem. **97**, 1051-1052 (1985), A Novel Reaction of Acylhalides with Bis(trimethylsilyl)-telluride): C,Te, and C,C-Couplings, Angew. Chem. Int. Ed. Engl. **24**, 1041-1042 (1985) [17]

1986

60. Photochemical Synthesis and Thermal Chemistry of Z-2,2,5,5- Tetramethyl-3,4-diphenyl-3-hexene. A Sterically Congested Stilbene; D. Lenoir, J. E. Gano, J. McTague, Tetrahedron Letters 5339-5342 (1986) [19]

1987

61. A New Method for Predicting Isomerization Barriers in Sterically Congested Alkenes from the First Correct Barrier Measurement in Solution: (Z)-2,2,3,4,5,5-Hexamethyl-3-hexene; J. E. Gano, D. Lenoir, B. S. Park, B. R. Roesner, J. Org. Chem. **52**, 5636-5638 (1987) [22]

1988

62. Remote Inductive Effects in the Solvolysis of Secondary and Tertiary 2-Norbornyl Derivatives. Evidence for Nonclassical Stabilization of the 2-Norbornyl Cation; D. Lenoir, Y. Apeloig, D. Arad, P. v. R. Schleyer, J. Org. Chem. **53**, 661-675 (1988) [68]
63. Phototransformation of Phenol Induced by Excitation of Nitrate Ions; R. Niesen, D. Lenoir, P. Boule, Chemosphere **17**, 1977-1984 (1988) [43]
64. Epilog zum 2-Norbornyl-Kation; D. Lenoir, Nachr. Chem. Tech. Lab. **36**, 1210-1214 (1988) (Epilogue about the 2-Norbornyl Cation) [3]

1989

65. The Application of Low-Valent Titanium Reagents in Organic Synthesis; D. Lenoir, Synthesis **1989**, 883-897 [255]
66. Rotationsbarrieren gespannter Olefine; W. v. E. Doering, W. R. Roth, F. Bauer, R. Breuckmann, T. Ebbrecht, M. Herbold, R. Schmidt, H.-W. Lennartz, D. Lenoir, R. Boese, Chem. Ber. **112**, 1263-1275 (1989) (Rotational Barriers of Strained Olefins) [40]
67. Surface-Catalysed Formation of Chlorinated Dibenzodioxins and Dibenzofurans during Incineration; L. C. Dickson, D. Lenoir, O. Hutzinger, Chemosphere **19**, 277-282 (1989) [64]

68. PBDF and PBDD from Combustion of Bromine Containing Flame Retarded Polymers: A Survey; R. Dumler, H. Thoma, D. Lenoir, O. Hutzinger, *Chemosphere* **19**, 2023-2031 (1989) [52]
69. Thermal Formation of Polybrominated Dibenzodioxins (PBDD) and Dibenzofurans (PBDF) from Decabromodiphenyl Ether in a Polybutylen-Terephthalate Polymer Matrix; R. Dumler, D. Lenoir, H. Thoma, O. Hutzinger, *J. Analytical and Applied Pyrolysis* **16**, 153-158 (1989) [19]
70. PBDD and PBDF from Brominated Flame Retardants: Combustion Equipment, Analytical Methodology and Synthesis of Standards; O. Hutzinger, R. Dumler, D. Lenoir, C. Teufl, H. Thoma, *Chemosphere* **18**, 1235-1242 (1989) [16]
71. Azo-Verbindungen - Halbstufenpotentiale als Mass für das abiotische Abbau-potential in anaeroben Systemen; K.-W. Schramm, D. Lenoir, S. Peiffer, O. Hutzinger; *UWSF-Z. Umweltchem. Ökotox.* **2**, 7-9 (1989) (Azo-Compounds-Electrochemical Halfway Potential as Measure for the Degradation in Anaerobic Systems)
72. Inhibition of Chlorinated Dibenzop-Dioxin Formation on Municipal Incinerator Fly Ash by Using Catalyst Inhibitors; L. C. Dickson, D. Lenoir, O. Hutzinger, K.P. Naikwadi, F. W. Karasek, *Chemosphere* **19**, 1435-1445 (1989) [42]
73. Verhinderung der Entstehung chlorierter Dibenzodioxine und Furane bei der Müllverbrennung: Inhibierung der katalytischen Bildung; D. Lenoir, O. Hutzinger, G. Mützenich, K. Horch, *UWSF-Z. Umweltchem. Ökotox.* **4**, 3-6 (1989) (Inhibition of Formation of Chlorinated Dibenzodioxins and Furans in Municipal Waste Incineration: Inhibition of the Catalytic Formation) [4]
74. Thermal Formation of Polybrominated Dibenzodioxins (PBDD) and Dibenzofurans (PBDF) from Bromine containing Flame Retardents; R. Dumler, H. Thoma, D. Lenoir, O. Hutzinger, *Chemosphere* **19**, 305-308 (1989) [65]
75. Dechlorination of Perchlorinated Aromatic Compounds by Graphite-Potassium Intercalate; M. Lissel, I. Kottmann, D. Lenoir, *Chemosphere* **19**, 1499-1502 (1989) [3]

1990

76. New Records for Sterically Congested Stilbenes: (*E*)-and (*Z*)-1-(2,2-Dimethyl-1-tetralinyliden)-2,2-dimethyltetralin; J. E. Gano, B.-S. Park, A. A. Pinkerton, D. Lenoir, *J. Org. Chem.* **55**, 2688-2693 (1990) [13]
77. Thermal Formation of Polybrominated Dibenzofurans and Dioxins from Decabromodiphenyl Ether Flame Retardant: Influence of Antimony(III)oxide and the Polymer Matrix; R. Dumler, D. Lenoir, H. Thoma, O. Hutzinger, *Chemosphere* **20**, 1867-1873 (1990) [29]
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