Ludger Ernst

List of Publications by Year
in descending order

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189	4,251	147566	182168
papers	citations	31 h-index	51 g-index

205	205	205	3096
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrolysis in the system LiPF6â€"propylene carbonateâ€"dimethyl carbonateâ€"H2O. Journal of Fluorine Chemistry, 2005, 126, 27-31.	0.9	297
2	Spice: A never ending story?. Forensic Science International, 2009, 191, 58-63.	1.3	271
3	Chemotypes of two pyrrolizidine alkaloid-containing Senecio species. Phytochemistry, 1992, 31, 559-565.	1.4	115
4	Identification and characterization of JWH-122 used as new ingredient in â€œSpice-likeâ€•herbal incenses. Forensic Science International, 2011, 208, e31-e35.	1.3	77
5	Protonenresonanz-Untersuchungen zur inneren Rotation, VIII. Konformationsanalyse Î±.Î±.o.oâ€²-tetrasubstituierter Toluole mittels magnetischer Kernresonanz und halbempirischer Energieberechnung. Chemische Berichte, 1971, 104, 228-247.	0.2	69
6	High-resolution proton-coupled 13C NMR spectra of monosubstituted benzenes. Theoretical and empirical correlations of JCH. Journal of Magnetic Resonance, 1977, 25, 123-139.	0.5	64
7	13C n.m.r. spectroscopy of diethyl alkyl- and benzyl-phosphonates. A study of phosphorus-carbon spin-spin coupling constants over one to seven bonds. Magnetic Resonance in Chemistry, 1977, 9, 35-43.	0.7	64
8	Differential Effect of Elicitors on Biphenyl and Dibenzofuran Formation in Sorbus aucuparia Cell Cultures. Journal of Agricultural and Food Chemistry, 2010, 58, 11977-11984.	2.4	64
9	A New Quantitative Description of the Distance Dependence of Through-Space19F,19F Spinâ€“Spin Coupling. Angewandte Chemie International Edition in English, 1995, 34, 1881-1882.	4.4	62
10	Transformation of plant pyrrolizidine alkaloids into novel insect alkaloids by Arctiid moths (Lepidoptera). Biochemical Systematics and Ecology, 1990, 18, 549-554.	0.6	60
11	Pyrrolizidine Alkaloids in the Food Chain: Development, Validation, and Application of a New HPLC-ESI-MS/MS Sum Parameter Method. Journal of Agricultural and Food Chemistry, 2013, 61, 11382-11391.	2.4	58
12	Identification and quantification of synthetic cannabinoids in â€˜spiceâ€•likeâ€™ herbal mixtures: A snapshot of the German situation in the autumn of 2012. Drug Testing and Analysis, 2014, 6, 59-71.	1.6	56
13	Silaâ€Procyclidin und Silaâ€Tricyclamolâ€•odid: Optisch aktive Silanole mit Silicium als	0.2	55
14	Cinnamate:CoA Ligase Initiates the Biosynthesis of a Benzoate-Derived Xanthone Phytoalexin in Hypericum calycinum Cell Cultures Â Â. Plant Physiology, 2012, 160, 1267-1280.	2.3	55
15	13C-NMR-Spektroskopie an polycyclischen Aromaten, I. Naphthole, Naphthalindiole und Monomethoxynaphthaline. VollstÃndige Zuordnung der13C-NMR-Spektren und Untersuchung der Substituenteneffekte auf die chemischen Verschiebungen. Chemische Berichte, 1975, 108, 2030-2039.	0.2	54
16	13-(Trifluoromethyl)retinal forms an active and far-red-shifted chromophore in bacteriorhodopsin. Journal of the American Chemical Society, 1981, 103, 7642-7643.	6.6	53
17	Analysis of synthetic cannabinoids in â€œspice-likeâ€•herbal highs: snapshot of the German market in summer 2011. Analytical and Bioanalytical Chemistry, 2012, 404, 157-171.	1.9	49
18	Synthetic cannabinoids in â€œspice-likeâ€•herbal blends: First appearance of JWH-307 and recurrence of JWH-018 on the German market. Forensic Science International, 2012, 222, 216-222.	1.3	46

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19	Identification and quantification of synthetic cannabinoids in â€œspice-likeâ€•herbal mixtures: Update of the German situation for the spring of 2016. Forensic Science International, 2016, 269, 31-41.	1.3	45
20	Enantioselective reduction of acetyldimethylphenylsilane by Trigonopsis variabilis (DSM 70714). Applied Microbiology and Biotechnology, 1987, 27, 152.	1.7	44
21	Preparation and Structure of a Diphosphorus Compound with Positive Charges on the Two Directly Bonded Phosphorus Atoms. Angewandte Chemie International Edition in English, 1985, 24, 975-976.	4.4	43
22	Synthesis of galanthamine and related alkaloids - new approaches. I.. Tetrahedron, 1989, 45, 3329-3345.	1.0	41
23	Contributions to the Knowledge of the Corrin Chromophore, IV. â€•Partial, Reversible Ring Cleavage of Dicyanoâ€cobyrinic Heptamethyl Ester with Intermediate Reversible Removal of Cobalt. Liebigs Annalen Der Chemie, 1979, 1979, 811-825.	0.8	38
24	Intermediate Steps pf Microbial Lignin Degradation as Elucidated by13C NMR Spectroscopy of Specifically13C-Enriched DHP-Lignins. Holzforschung, 1985, 39, 23-32.	0.9	38
25	New trans-fused africanols from leptographium lundbergii. Tetrahedron, 1986, 42, 4475-4480.	1.0	37
26	Nuclear Magnetic Resonance Spectroscopy for Structure Elucidation of Vitamin B₁₂ Derivatives: Complete Interpretation of the ¹³Câ€NMR Spectrum of Dicyanocobyrinic Acid Heptamethyl Ester and Partial Assignment of Its ¹Hâ€NMR Spectrum. Liebigs Annalen Der Chemie, 1981, 1981, 376-386.	0.8	36
27	Benzolrings. Chemische Berichte, 1984, 117, 455-473.	0.2	34
28	[P4Aryl6][Me3SnF2]2 (Aryl = 2,6-(MeO)2C6H3): An Unusual Ion Pair Consisting of a Planar 2,4-Diphospha-1,3-diphosphoniacyclobutane Dication and the Difluorotrimethylstannate Anion. Angewandte Chemie International Edition in English, 1989, 28, 1507-1509.	4.4	33
29	Biotransformation of caryophyllene by Diplodia gossypina. Phytochemistry, 1990, 29, 115-120.	1.4	33
30	New stereoisomers of quinic acid and their lactones. Liebigs Annalen Der Chemie, 1991, 1991, 1029-1036.	0.8	33
31	Cyclophane series. Part 24. [2.2](1,4)Phenanthrenoparacyclophane: synthesis and two-dimensional proton and carbon-13 NMR study. Journal of the American Chemical Society, 1985, 107, 6620-6627.	6.6	32
32	The complete 13C 19F, and 1H spectral analysis of the fluorobenzenes C6H F6â^'. III. The remaining members of the series; INDO MO calculations of JFH, JFF, JCH, and JCF. Journal of Magnetic Resonance, 1977, 27, 1-21.	0.5	31
33	Thiocarbonylâ€Olefinierung, II. Einige prÄparative Anwendungen der Reaktion von Nâ€(Thioacyl)urethanen und deren Vinylogen mit resonanzstabilisierten Phosphorâ€Yliden. Liebigs Annalen Der Chemie, 1979, 1979, 1309-1321.	0.8	31
34	PolymethylenbrÃ¼cke. Chemische Berichte, 1984, 117, 474-488.	0.2	31
35	synâ€ar,arâ€²â€Difluorometacyclophanes: Strong ¹⁹F,¹⁹F Spinâ€”Spin Interactions Transmitted through Space. Chemische Berichte, 1994, 127, 1119-1124.	0.2	31
36	Intramolecular Reactions in Pseudo-Geminally Substituted [2.2]Paracyclophanes. Chemistry - A European Journal, 2007, 13, 3950-3963.	1.7	31

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37	13C-NMR-Spektroskopie an polycyclischen Aromaten, IIÎ™ Die 13C-NMR-Spektren von Amino- und Dimethylaminonaphthalinen /13C NMR Spectroscopy of Polycyclic Aromatics, III The 13C NMR Spectra of Amino- and Dimethylaminonaphthalenes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1975, 30, 794-799.	0.3	30
38	Synthesis and structure of the first trans-1,2-dihydro-1,2,3-triphospheteâ€“tungsten complex. Journal of the Chemical Society Chemical Communications, 1995, , 2113-2114.	2.0	30
39	A novel entry into a new class of cyclophane derivatives: synthesis of (Â±)-[2.2]paracyclophane-4-thiol. Tetrahedron Letters, 2001, 42, 373-376.	0.7	30
40	Biosynthesis of the biphenyl phytoalexin aucuparin in Sorbus aucuparia cell cultures treated with Venturia inaequalis. Phytochemistry, 2013, 96, 101-109.	1.4	29
41	Identification and quantification of synthetic cannabinoids in â€œspice-likeâ€•herbal mixtures: update of the German situation for the spring of 2015. Forensic Toxicology, 2016, 34, 94-107.	1.4	29
42	13C NMR spectroscopy of polycyclic aromatics VII. Naphthalenes carrying electron-withdrawing substituents. Correlations between substituent-induced shifts and INDO MO charge densities. Journal of Magnetic Resonance, 1976, 22, 279-287.	0.5	28
43	Reaction of Dicyanocobyrinic Heptamethyl Ester with Ascorbic Acid. Angewandte Chemie International Edition in English, 1977, 16, 481-482.	4.4	28
44	Rearranged caryophyllenes by biotransformation with Chaetomium cochliodes. Phytochemistry, 1990, 29, 757-763.	1.4	28
45	Microbial oxidation of tricyclic sesquiterpenoids containing a dimethylcyclopropane ring. Phytochemistry, 1992, 31, 3749-3755.	1.4	28
46	Novel Synthesis of Phenanthrenoparacyclophanes and Phenanthrenophanes and a Study of Their NMR Properties. European Journal of Organic Chemistry, 2000, 2000, 3021-3029.	1.2	28
47	Molecular Cloning and Characterization of a Xanthone Prenyltransferase from Hypericum calycinum Cell Cultures. Molecules, 2015, 20, 15616-15630.	1.7	27
48	13C NMR spectroscopy of polycyclic aromatics. V. The 13C NMR spectra of mono- and dihalonaphthalenes. Journal of Magnetic Resonance, 1975, 20, 544-553.	0.5	26
49	1H,13C and19F NMR study ofar,arâ€²-difluoro[2.2]paracyclophanes,ar,arâ€²-difluoro-2,11-dithia[3.3]paracyclophanes and their monofluoro analogues. Long-range19F,19F spin-spin coupling. Magnetic Resonance in Chemistry, 1997, 35, 868-876.	1.1	26
50	Identification and quantification of synthetic cannabinoids in â€˜spice-likeâ€™ herbal mixtures: Update of the German situation in early 2017. Forensic Science International, 2017, 277, 51-58.	1.3	25
51	The conformational equilibrium of [2.2]paracyclophanes in solution. Liebigs Annalen, 1995, 1995, 13-17.	0.8	24
52	Structural and quantitative analysis of Equisetum alkaloids. Phytochemistry, 2015, 116, 269-282.	1.4	24
53	Identification and quantification of synthetic cannabinoids in â€˜spice-likeâ€™ herbal mixtures: Update of the German situation in summer 2018. Forensic Science International, 2019, 294, 96-102.	1.3	24
54	Selenol Nitrosation andSe-Nitrososelenol Homolysis: A Reaction Path with Possible Biochemical Implications. Angewandte Chemie - International Edition, 2004, 43, 3970-3974.	7.2	23

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55	Cyclophanes, XXXV. DNMR, molecular mechanics, and crystal structures of 2,11â€dithia[3.3]orthometacyclophane and 2,11â€dithia[3.3]orthoparacyclophane. Chemische Berichte, 1990, 123, 2381-2386.	0.2	22
56	4,15-Diamino[2.2]paracyclophane as a Starting Material for Pseudo-Geminally Substituted [2.2]Paracyclophanes. European Journal of Organic Chemistry, 2003, 2003, 567-577.	1.2	22
57	Singly and Doubly Twisted [36]Annulenes: Synthesis and Calculations. Chemistry - A European Journal, 2010, 16, 7767-7772.	1.7	22
58	13C chemical shifts of branched alkylbenzenes. A reinvestigation.. Tetrahedron Letters, 1974, 15, 3079-3080.	0.7	21
59	A flexible hydroazulene synthesis. Tetrahedron, 1988, 44, 4371-4388.	1.0	21
60	Darstellung und Kristallstrukturen einiger mit N,N'â€Dimethylharnstoff verbrÃ¼ckter Diphosphorverbindungen; NMRâ€Untersuchung einer Î»⁴P⁺Î»⁴P⁺â€Diphosphorverbindung. Chemische Berichte, 1990, 123, 35-43.	0.2	21
61	1H and13C NMR spectra of multibridged [2n]cyclophanes. Magnetic Resonance in Chemistry, 1993, 31, 669-676.	1.1	21
62	Eu(DPM)3-induced shifts in substituted anilines. The importance of basicity and steric effects. Tetrahedron Letters, 1971, 12, 3023-3025.	0.7	20
63	Sterically Fixed Retinal-Analogue Prevents Proton-Pumping Activity in Bacteriorhodopsin. Angewandte Chemie International Edition in English, 1984, 23, 81-82.	4.4	20
64	Paracyclophanes: Extending the Bridges. Synthesis. European Journal of Organic Chemistry, 2009, 2009, 223-237.	1.2	20
65	13C nuclear magnetic resonance spectra of arylthallium(III) bis(trifluoroacetates). Magnetic Resonance in Chemistry, 1974, 6, 540-541.	0.7	19
66	13C NMR spectroscopy of polycyclic aromatics. VIIIâ€”amino derivatives of quinoline, isoquinoline, acenaphthene and fluoranthene. Magnetic Resonance in Chemistry, 1976, 8, 161-164.	0.7	19
67	13C-NMRortho-disubstituierter Isopropylbenzole: Chemische Verschiebung und Konformation bezÃ¼glich der (H3C)2CH â€” Aryl-Bindung. Chemische Berichte, 1977, 110, 3258-3265.	0.2	19
68	Isolierbare Konformationsisomere. Chemie in Unserer Zeit, 1983, 17, 21-30.	0.1	19
69	Mikrobiologische Umwandlung von Silicium-Verbindungen: Enantioselektive Reduktion von AcetessigsÃure-(trimethylsilylalkyl)estern und deren Carba-Analoga/ Microbiological Transformation of Silicon Compounds: Enantioselective Reduction of Trimethylsilylalkyl Acetoacetates and their Carba-Analogues. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1983, 38, 616-620.	0.3	19
70	Comparison of the Action ofPhanerochaete chrysosporiumand its Extracellular Enzymes (Lignin Peroxidases) on Lignin Preparations. Holzforschung, 1989, 43, 375-384.	0.9	19
71	Eine neue quantitative Beschreibung der AbstandsabhÃngigkeit von ¹⁹Fâ€¹⁹Fâ€Spinâ€Spinâ€Kopplungen durch den Raum. Angewandte Chemie, 1995, 107, 2010-2012.	1.6	19
72	A Simple Route to a Pyridinyl[2.2]paracyclophane. European Journal of Organic Chemistry, 2005, 2005, 68-71.	1.2	19

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73	Pyrrolizidine alkaloids of the endemic Mexican genus Pittocaulon and assignment of stereoisomeric 1,2-saturated necine bases. Phytochemistry, 2008, 69, 154-167.	1.4	19
74	13C NMR spectroscopy of polycyclic aromatics. VI. Coumarin and the methylcoumarins. Journal of Magnetic Resonance, 1976, 21, 241-246.	0.5	18
75	BeitrÃge zur Kenntnis des chromophoren Systems der Corrine, IX. Ãœber eine neuartige Thermolyse-Reaktion am Dicyano-cobyrinsÃure-heptamethylester. Liebigs Annalen Der Chemie, 1981, 1981, 198-201.	0.8	18
76	Ãœber die Synthese von 2â€²,3â€²â€Didesoxyâ€3â€²â€(phosphonomethyl)nucleosiden, Phosphonatâ€Analogen von 2â€²â€Desoxyâ€3â€²â€nucleotiden. Liebigs Annalen Der Chemie, 1991, 1991, 615-631.	0.8	18
77	Revised structure of the main alkaloid of Senecio adonidifolius. Phytochemistry, 1992, 31, 1027-1028.	1.4	18
78	Das Thermogramm einer C₆H₆â€Chemie im Temperaturbereich von 450 bis 730Â°C. Chemische Berichte, 1994, 127, 1747-1753.	0.2	18
79	Investigation of19F-19F spin-spin coupling in 1-(x-fluorophenyl)-8-(y-fluorophenyl)naphthalenes (x,y = 2,) Tj ETQq1 1 0.784314 rgBT /Ov	1.1	18
80	New Cycloadditions of (E)-N,Î±-Dimethyl-Î±-(4-[2.2]paracyclophanyl)nitrone. European Journal of Organic Chemistry, 2006, 2006, 3001-3006.	1.2	18
81	In vitro formation of the anthranoid scaffold by cell-free extracts from yeast-extract-treated Cassia bicapsularis cell cultures. Phytochemistry, 2013, 88, 15-24.	1.4	18
82	13C NMR of alkyl-substituted arylthallium trifluoroacetates. Journal of Organometallic Chemistry, 1974, 82, 319-326.	0.8	17
83	13C and1H NMR chemical shift assignments of 1- and 2-alkylnaphthalenes (R = Me, Et,i-Pr,t-Bu) and determination of substituent effects on13C and1H chemical shifts. Magnetic Resonance in Chemistry, 1992, 30, 73-76.	1.1	17
84	Influence of the nature of the solvent on the chemical shift of the [BF4]â^' anion. Journal of Fluorine Chemistry, 2002, 116, 41-44.	0.9	17
85	On the Functionalization of [2.2](1,4)Phenanthrenoparacyclophane. European Journal of Organic Chemistry, 2007, 2007, 1891-1904.	1.2	17
86	The complete 13C, 19F, and 1H spectral analysis of the fluorobenzenes C6HnF6â^'n. II. 1,2-Difluorobenzene. INDO MO calculations of JHH in these fluorobenzenes and related molecules. Journal of Magnetic Resonance, 1976, 21, 115-128.	0.5	16
87	Darstellung und Strukturermittlung von DicyanocobyrinsÃure-methylester-amiden und Korrelation ihrer13C-NMR-Daten. Liebigs Annalen Der Chemie, 1980, 1980, 1186-1197.	0.8	16
88	Structure and Reactivity of Xanthocorrinoids. Part II. Influence of thec-acetic-acid chain on the course of the hydroxylation of the corrin chromophore by oxygen in the presence of ascorbic acid. Helvetica Chimica Acta, 1985, 68, 1754-1770.	1.0	16
89	Synâ€und antiâ€[2.2]Orthometacyclophan. Angewandte Chemie, 1989, 101, 509-510.	1.6	16
90	Î²-Carboline Alkaloids, V: Total Synthesis of the Antimicrobial Marine Alkaloid Eudistomin T. Î²-Carbolin-Alkaloide, 5. Mitt.: Totalsynthese des marinen Alkaloides Eudistomin T. Archiv Der Pharmazie, 1994, 327, 121-122.	2.1	16

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91	Preparation and NMR spectra of four isomeric diformyl[2.2]paracyclophanes (cyclophanes 66). Beilstein Journal of Organic Chemistry, 2010, 6, 932-937.	1.3	16
92	Throughâ€Space J(P,P) and J(P,F) Spinâ€“Spin Coupling in C₁â€Symmetric Biaryl Diphosphanes. European Journal of Inorganic Chemistry, 2011, 2011, 3387-3397.	1.0	16
93	13C-Kernresonanz-Spektroskopie an diastereomeren DicarbonsÃuren: 2,3-DimethylbernsteinsÃure, 2-Ã„thyl-3-methylbernstein-sÃure und 3-Ã„thyl-4-methyladipinsÃure. Chemische Berichte, 1974, 107, 3771-3779.	0.2	15
94	Proton Magnetic Resonance Studies of Rotational Isomerism in Halotoluene Derivatives. XI. Experimental and Theoretical Barriers to Rotation in Î±,Î±,2,4,6-Pentabromo-, Î±,Î±-Dibromo-2,4,6-trichloro-, and Î±,Î±-Dibromo-2,6-dichlorotoluene. Canadian Journal of Chemistry, 1974, 52, 849-854.	0.6	15
95	Aminonucleoside, VIII. 3â€²-Amino-3â€²-desoxyadenosin,3,5â€²-Diamino-3â€²,5â€²-didesoxyadenosin undN-substituierte Derivate. Chemische Berichte, 1979, 112, 2815-2828.	0.2	15
96	13C-NMR-Spektroskopie an polycyclischen Aromaten, II. Die 13C-NMR-Spektren von 1- und 2-Fluornaphthalin. Ãœberprüfung der Signalzuordnung und Untersuchung der Substituenteneffekte auf die chemischen Verschiebungen / 13C NMR Spectroscopy of Polycyclic Aromatics, II. The 13C NMR Spectra of 1- and 2-Fluoronaphthalene. Reexamination of Signal Assignments and Investigation of Substituent Effects on Chemical Shifts. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1975, 30, 788-793.	0.3	14
97	Sila-Pharmaka, 21. Darstellung und Eigenschaften potentiell curarewirksamer Silicium-Verbindungen, II. Liebigs Annalen Der Chemie, 1980, 1980, 1859-1876.	0.8	14
98	syn- andanti-[2.2]Orthometacyclophane. Angewandte Chemie International Edition in English, 1989, 28, 455-456.	4.4	14
99	Interparticle Interaction in Lithium Tetrafluoroborate Solutions. Journal of Fluorine Chemistry, 1999, 98, 133-135.	0.9	14
100	A Cyclobutadiene Intermediate in the Intramolecular Cycloaddition of 4,15â€Bis(phenylethynyl)[2.2]paracyclophane. European Journal of Organic Chemistry, 2008, 2008, 548-554.	1.2	14
101	Five- to nine-bond31Pâ€“31P spin coupling constants in derivatives of benzene and naphthalene. Journal of the Chemical Society Chemical Communications, 1977, .	2.0	13
102	Configurational assignment by NMR spectroscopy of stereoisomeric 2,6-dimethyl-tricyclo[5.2.1.02,6]dec-3-enes and decanes. Tetrahedron, 1978, 34, 131-134.	1.0	13
103	2â€²,3â€² -Dideoxy-3â€² -C-(phosphonomethyl)adenosine, the Phosphonate Analogue of 2â€²-Deoxyadenosine 3â€²-Phosphate. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1983, 38, 1665-1668.	0.3	13
104	Zur Reaktion von Isocyaniden mit Nitriliminen^[1]. Chemische Berichte, 1994, 127, 1633-1639.	0.2	13
105	Sila-biperiden undendo-Sila-biperiden: Synthesen, Kristallstrukturen und antimuscarinische Eigenschaften. Journal of Organometallic Chemistry, 1994, 466, 15-27.	0.8	13
106	A 1H, 13C, and 15N NMR spectral analysis of 15N-nitrobenzene. Journal of Magnetic Resonance, 1976, 22, 459-466.	0.5	12
107	Microbial Hydroxylations of Bicyclic and Tricyclic Sesquiterpenes. Journal of Essential Oil Research, 1989, 1, 19-27.	1.3	12
108	Conformations ofortho-Disubstituted Aniline and Toluene Derivatives. Proton Magnetic Resonance and Semiempirical Energy Calculation. Angewandte Chemie International Edition in English, 1970, 9, 806-807.	4.4	11

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109	Ã¼ber einige Derivate der 3â€²,5â€²â€•und 2â€²,5â€²â€Cyclophosphate des Adenosins. Liebigs Annalen Der Chemie, 1982, 1982, 651-665.	0.8	11
110	Zur absoluten Konfiguration der Enantiomere der Antimuskarinika Procyclidin und Tricyclamoliodid: RÃ¶ntgenâ€strukturanalyse von (R)â€1â€[3â€Cyclohexylâ€3â€hydroxyâ€3â€phenylâ€propyl]â€1â€methylpyrrolidiniumiodid. Liebigs Annalen Der Chemie, 1986, 1986, 242-250.	0.8	11
111	Neue Dienophile und Diene, III. Ãœber die Addition von Cyanacetylen an [2.2]Paracyclophan. Chemische Berichte, 1990, 123, 2015-2022.	0.2	11
112	Determination of cross-reactivity of poly- and monoclonal antibodies for synthetic cannabinoids by direct SPR and ELISA. Forensic Science International, 2017, 280, 25-34.	1.3	11
113	Korrelation des Î²â€Effektes von Methylgruppen auf Î´(¹³C) mit der C_{Î±}ï£¿C_{Î²â€Ï€}â€Bindungsordnung. Angewandte Chemie, 1976, 88, 335-336.	1.6	10
114	BeitrÃge zur Kenntnis des chromophoren Systems der Corrine, V. Notiz Ã¼ber die ozonolytische Fragmentierung des Dicyano-10-bromcobyrinsÃure-heptamethylesters. Liebigs Annalen Der Chemie, 1979, 1979, 1440-1442.	0.8	10
115	Zur Struktur rhodiumhaltiger Corrinoide. Liebigs Annalen Der Chemie, 1980, 1980, 1699-1710.	0.8	10
116	18,19-Didehydrocorrinoidsâ€”Possible Intermediates in the Biosynthesis of Vitamin B12. Angewandte Chemie International Edition in English, 1981, 20, 1048-1049.	4.4	10
117	Cyclophane, XXIX. Gasphasenpyrolyse von 2,11â€Dithia[3.3](1,2)(1,4)cyclophanâ€S,S,Sâ€²,Sâ€²â€tetraoxid. Chemische Berichte, 1989, 122, 1013-1016.	0.2	10
118	Reactions of some mixed-valence diphosphorus compounds with the platinum(0) complex, (C2H4)Pt(PPh3)2. X-ray crystal structure of the product of the reaction of (C2H4)Pt(PPh3)2 with a Î»3PÎ»4P+ diphosphorus compound. Polyhedron, 1989, 8, 2485-2494.	1.0	10
119	2,11-Dithia-[3.3](5,6)indano-orthocyclophane and 2,11-dithia-[3.3](5,6)indanocyclophane: synthesis, DNMR and X-ray structure analysis. Tetrahedron Letters, 1989, 30, 6005-6008.	0.7	10
120	The 4-chloro-2-oxo-1,3,5,5,8-pentamethyl-1,3,8-triaza-5-azonia-4Î»5-phosphaspiro[3.4]octyl cation: X-ray crystal structure determination and variable temperature 1H NMR spectra. Polyhedron, 1990, 9, 1463-1467.	1.0	10
121	Recent Advances in NMR Studies of Cyclophanes. Annual Reports on NMR Spectroscopy, 2006, 60, 77-143.	0.7	10
122	Konformationen orthoâ€disubstituierter Anilinâ€•und Toluolâ€Derivate. Magnetische Protonenresonanz und halbempirische Energieberechnung. Angewandte Chemie, 1970, 82, 840-841.	1.6	9
123	INDO- und CNDO-MO-Berechnungen von weitreichenden H, H-Kopplungen im Vinylcyclopropan. Chemische Berichte, 1972, 105, 2368-2374.	0.2	9
124	Proton magnetic resonance spectra of the atropisomers ofortho-hexaphenylene. Magnetic Resonance in Chemistry, 1973, 5, 125-128.	0.7	9
125	Chemical synthesis of lignin alcohols and model lignins enriched with carbon isotopes. Methods in Enzymology, 1988, , 47-56.	0.4	9
126	Does Cyanoacetylene Dimerize Thermally to 1,3-Cyclobutadiene-1,2-dicarbonitrile?. Angewandte Chemie International Edition in English, 1989, 28, 1279-1280.	4.4	9

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