

Kalevi Pihlaja

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7709766/publications.pdf>

Version: 2024-02-01

130
papers

2,424
citations

394421

19
h-index

243625

44
g-index

133
all docs

133
docs citations

133
times ranked

2223
citing authors

#	ARTICLE	IF	CITATIONS
1	Enthalpies of Combustion and Formation of Severely Crowded Methyl-Substituted 1,3-dioxanes. The Magnitudes of 2,4- and 4,6-diaxial Me,Me-Interactions and the Chair ^{2,5} -twist Energy Difference. <i>Molecules</i> , 2020, 25, 2762.	3.8	3
2	Structural studies, homology modeling and molecular docking of novel non-competitive antagonists of GluK1/GluK2 receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 787-795.	3.0	14
3	Synthesis and molecular docking of indole and carbazole derivatives with potential pharmacological activity. <i>Heterocyclic Communications</i> , 2014, 20, 103-109.	1.2	2
4	The pseudo-Michael reaction of 1-aryl-4,5-dihydro-1H-imidazol-2-amines with ethyl ethoxymethylenecyanoacetate. <i>Monatshefte für Chemie</i> , 2013, 144, 1171-1182.	1.8	3
5	1,3-dithiolanes synthesis and stereochemistry. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 443-449.		2
6	Phenolic Compounds from <i>Eucalyptus Gomphocephala</i> with Potential Cytotoxic and Antioxidant Activities. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000501.	0.5	5
7	Chemical Composition and Bioactivity of <i>Pleiogynium timorense</i> (Anacardiaceae). <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	7
8	Substituent effects on the ring-chain tautomerism of some 1,3-oxazolidine derivatives. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1510-1518.	1.5	13
9	Substituent effects on ¹³ C chemical shifts of alkyl-substituted 1,3-dioxolanes and 1,3-oxathiolanes. <i>Magnetic Resonance in Chemistry</i> , 2008, 46, 170-173.	1.9	3
10	1,3-oxathiolanes synthesis and stereochemistry. <i>Magnetic Resonance in Chemistry</i> , 2008, 46, 244-249.	1.9	6
11	Crystal Structure of 1-(4-Chlorophenyl)-5(1H)-oxo-2,3-dihydroimidazo[1,2-a]-pyrimidine-6-carbonitrile. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2008, 24, X119-X120.	0.1	0
12	Does the electron ionization induced fragmentation of partly saturated stereoisomeric pyrrolo- and isoindoloquinazolinones show stereospecificity?. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 653-660.	1.5	3
13	Effects of increased content of leaf surface flavonoids on the performance of mountain birch feeding sawflies vary for early and late season species. <i>Chemoecology</i> , 2006, 16, 159-167.	1.1	13
14	Synthesis and Conformational Analysis of Saturated cis- and trans-1,3,2-Benzodiazaphosphinine 2-Oxides. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2145-2159.	2.4	0
15	Tautomerism, regioisomerism, and cyclization reactions of acridinyl thiosemicarbazides. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 633-643.	2.6	16
16	Stereochemistry, tautomerism, and reactions of acridinyl thiosemicarbazides in the synthesis of 1,3-thiazolidines. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 645-656.	2.6	45
17	Unusual structures derived from N-acridinyl methyl N-acridinyl thiourea based on the propensity of N ₁₀ to retain H. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 739-743.	2.6	18
18	Synthesis and mass spectral study of new phenylsulfonyl substituted isoxazolidines. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 1267-1274.	2.6	11

#	ARTICLE	IF	CITATIONS
19	Synthesis and Conformational Analysis of Saturated 3,1,2-Benzoxazaphosphinine 2-Oxides. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 1189-1200.	2.4	17
20	Regiospecific synthesis, structure and electron ionization mass spectra of 1,3,4-thiazolidin-4-ones containing the acridine skeleton. <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 907-918.	2.6	11
21	Biochemical transformation of birch leaf phenolics in larvae of six species of sawflies. <i>Chemoecology</i> , 2005, 15, 153-159.	1.1	12
22	Leaf surface traits: overlooked determinants of birch resistance to herbivores and foliar micro-fungi?. <i>Trees - Structure and Function</i> , 2005, 19, 191-197.	1.9	59
23	Complex tauto- and rotamerism of 2-(R-phenyl)-1,2,3,4-tetrahydroquinazolines. <i>Journal of Physical Organic Chemistry</i> , 2005, 18, 737-742.	1.9	6
24	Ranking of individual mountain birch trees in terms of leaf chemistry: seasonal and annual variation. <i>Chemoecology</i> , 2004, 14, 31-43.	1.1	47
25	Electron ionization induced fragmentation of some oxadiazole and thiadiazole derivatives. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 760-764.	1.5	4
26	New, Sesquiterpenoid-Type Bicyclic Compounds from the Buds of <i>Betula pubescens</i> Ring-Contracted Products of β -Caryophyllene?. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2627-2635.	2.4	27
27	Conformational Analysis of Saturated trans-Fused 1,3,2-Benzoxazaphosphinine 2-Oxides \hat{a} DFT Calculation of NMR (P,H) Coupling Constants. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4921-4930.	2.4	11
28	Syntheses and NMR, MS and X-ray investigations of homoadamantane-fused pyridopyrimidinones. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 187-199.	2.6	4
29	Structural characterization of isomeric 2,3,5-substituted tetrahydropyrrolo[3,4-d]isoxazole-6,6-diones prepared by cycloaddition of N-methyl-N-arylnitrones to N-phenyl- or N-methylmaleimide. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 741-746.	2.6	5
30	Structures of Saturated 5H-Pyrrolo[1,2-a][3,1]benzoxazin-1(2H)-ones Prepared from 4-Oxopentanoic Acid and Cyclic Amino Alcohols. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1879-1886.	2.4	4
31	The pseudo-michael reaction of 2-aminoimidazolines 2. Part 1. Synthesis and structure assignment of isomeric 5(1H)-Oxo and 7(1H)-Oxo-2,3-dihydroimidazo[1,2-a]pyrimidine-6-carboxylates. <i>Journal of Heterocyclic Chemistry</i> , 2003, 40, 93-99.	2.6	12
32	Synthesis and ^1H and ^{13}C NMR structural analysis of cis- and trans-2-imino-1,3- and -3,1-perhydrobenzoxazines and their 3- and 1-N-methyl derivatives. <i>Magnetic Resonance in Chemistry</i> , 2003, 41, 435-440.	1.9	1
33	Electron ionization (EI) mass spectra of Exo-Endo double-bond isomers of polycyano \hat{a} push-pull \hat{a} pentadienes derived from cycloalkylidene malonic acid derivatives. <i>Journal of the American Society for Mass Spectrometry</i> , 2003, 14, 189-194.	2.8	4
34	Experimental and DFT ^1H NMR Study of Conformational Equilibria in trans-4,7-Dihydroxyisoflavan-4-ol and trans-isoflavan-4-ol. <i>Journal of Organic Chemistry</i> , 2003, 68, 6864-6869.	3.2	19
35	Synthesis and Structural Characterization of Cis- and Trans-Fused 4a,5,6,7,8,8a-Hexahydro-2H,4H-1,3-benzodithiines and Their 2-Methyl and 2,2-Dimethyl Derivatives. <i>Journal of Organic Chemistry</i> , 2002, 67, 1910-1917.	3.2	6
36	A correlative IR, MS, ^1H , ^{13}C and ^{15}N NMR and theoretical study of 4-arylthiazol-2(3H)-ones Electronic supplementary information (ESI) available: NMR data, including graphs; Cartesian coordinates for 3a and 4. See http://www.rsc.org/suppdata/p2/b1/b106322g/ . <i>Perkin Transactions II RSC</i> , 2002, , 329-336.	1.1	17

#	ARTICLE	IF	CITATIONS
37	Regioselective Synthesis of 2-Imino-1,3-thiazolidin-4-ones by Treatment of N-(Anthracen-9-yl)-N-ethylthiourea with Bromoacetic Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 1248-1255.	2.4	31
38	¹ H and ¹³ C NMR Study of 1-Hydrazino-2,3-dihydro-1H-pyrazolo[1,2-a]pyridazine-5,8-diones and 1H-pyrazolo[1,2-b]phthalazine-5,10-diones and Their Ring-Chain Tautomerism. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 2046.	2.4	89
39	Stereoisomerism and Ring-Chain Tautomerism in 1-Hydroxy-2,3-dihydro-1H-pyrazolo[1,2-a]pyridazine-5,8-diones and 1-Hydroxy- and 1-Amino-2,3-dihydro-1H-pyrazolo[1,2-b]phthalazine-5,10-diones. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 3447-3454.	2.4	13
40	Recyclizations of α -aminobenzylimines and thioaroylhydrazones of <i>N</i> -substituted <i>N</i> -hydroxy- β -oxobutanamides. <i>Journal of Heterocyclic Chemistry</i> , 2002, 39, 805-810.	2.6	7
41	Synthesis and structural characterisation of 4 <i>H</i> -1,3-benzothiazine derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2002, 39, 927-931.	2.6	16
42	Betalain and phenolic compositions of four beetroot (<i>Beta vulgaris</i>) cultivars. <i>European Food Research and Technology</i> , 2002, 214, 505-510.	3.3	175
43	Seasonal changes in birch leaf chemistry: are there trade-offs between leaf growth and accumulation of phenolics?. <i>Oecologia</i> , 2002, 130, 380-390.	2.0	232
44	The Effects of a Strong Disaggregating Agent on Sec-Page of Aquatic and Soil Humic Matter. <i>International Journal of Environmental Analytical Chemistry</i> , 2001, 79, 217-228.	3.3	3
45	Delayed greening of mountain birch leaves: Ecological and chemical correlates. <i>Ecoscience</i> , 2001, 8, 68-75.	1.4	2
46	Mass-spectrometric differentiation of diexo- and diendo-fused isomers of norbornane/ene-condensed 2-thiouracil and 1,3-thiazino[3,2-a]-pyrimidine derivatives: Stereoselectivity of retro-Diels-Alder fragmentations under EI and CI conditions. <i>Journal of the American Society for Mass Spectrometry</i> , 2001, 12, 1011-1019.	2.8	9
47	Electron ionisation induced fragmentation of ethyl 5(1H)-oxo- and 7(1H)-oxo-1-aryl-2,3-dihydroimidazo[1,2-a]-pyrimidine-6-carboxylates: evidence for an unusually regioselective rearrangement of $M+?$ ions. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 2502-2508.	1.5	6
48	Proanthocyanidins of mountain birch leaves: quantification and properties. <i>Phytochemical Analysis</i> , 2001, 12, 128-133.	2.4	80
49	Electron ionization mass spectra of 3,4-disubstituted-1,2,4-oxa(thia)diazole-5(4H)-thione(ones). Substituent effects on the mass spectrometric rearrangement of 3-aryl-4-(<i>p</i> -tolyl)-1,2,4-oxadiazole-5(4H)-thiones to the corresponding oxo compounds. <i>Journal of Mass Spectrometry</i> , 2001, 36, 754-759.	1.6	9
50	¹ H and ¹³ C NMR conformational study of <i>N</i> -substituted hexahydrocyclopent[e][1,3]-oxazin-4-ones and hexahydro-2 <i>H</i> -1,3-benzoxazin-4-ones. <i>Magnetic Resonance in Chemistry</i> , 2001, 39, 141-146.	1.9	4
51	¹ H, ¹³ C and ¹⁷ O NMR spectral studies on monocyclic dioxolanes, dioxanes, dioxepanes and dioxocanes and cycloalkane-fused (5-8-membered) bicyclic 1,3-dioxolanes and 1,3-dioxanes. <i>Magnetic Resonance in Chemistry</i> , 2001, 39, 657-671.	1.9	17
52	Effects of long-term open-field ozone exposure on leaf phenolics of European silver birch (<i>Betula</i>) <small>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1</small>	1.8	83
53	Total Phenolics Concentration and Antioxidant Potential of Extracts of Medicinal Plants of Pakistan. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001, 56, 973-978.	1.4	67
54	Sec-Page Characterization of Lake Aquatic Humic Matter Isolated with Xad-Resin and Tangential Membrane Ultrafiltration. <i>International Journal of Environmental Analytical Chemistry</i> , 2001, 80, 141-152.	3.3	3

#	ARTICLE	IF	CITATIONS
55	Sorption of Pentachlorophenol on Lake Aquatic Humic Matter. <i>International Journal of Environmental Analytical Chemistry</i> , 2001, 79, 37-51.	3.3	5
56	Chemical ionization mass spectra of acetals of β -D-glycopyranosylnitromethanes. , 2000, 35, 634-638.		1
57	Electron impact induced fragmentation of (p-substituted phenyl)-(4-methylphenacyl) sulfones: contribution of sulfinate ester rearrangements. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1674-1676.	1.5	8
58	The assignment of the correct structures and conformational analysis of the isomeric t-5- and t-4-phenyl-t(c)-2-benzoyl-r-1-cyclohexanecarboxylic acids by NMR and FT-IR spectroscopy. <i>Perkin Transactions II RSC</i> , 2000, , 687-692.	1.1	4
59	Phenolics and Betacyanins in Red Beetroot (<i>Betavulgaris</i>) Root: Distribution and Effect of Cold Storage on the Content of Total Phenolics and Three Individual Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 5338-5342.	5.2	387
60	Stereospecific fragmentation processes in cycloalkane/cycloalkene-fused isomers of saturated pyrrolo[2,1-b][1,3]oxazin-6-one derivatives. <i>Journal of the American Society for Mass Spectrometry</i> , 1999, 10, 393-401.	2.8	9
61	Electron impact induced rearrangement of 3,4-disubstituted 1,2,4-oxadiazole-5(4H)-thiones. <i>Rapid Communications in Mass Spectrometry</i> , 1999, 13, 625-629.	1.5	2
62	Electron-impact mass spectra of substituted 1-alkyl-2-arylsulphonylamino-1,4,5,6-tetrahydropyrimidines. <i>Rapid Communications in Mass Spectrometry</i> , 1998, 12, 1041-1044.	1.5	4
63	Electron impact mass spectrometric studies of 2-methyl, 2-phenyl, 2-(1-piperidyl), 2-(2/3/4-pyridyl), piperidino and pyrido[4,3-d]-pyrimidin-4-ones. <i>Rapid Communications in Mass Spectrometry</i> , 1998, 12, 1845-1858.	1.5	6
64	Conformational Complexity in Seven-Membered Cyclic Triazepinone/Open Hydrazones. 1. 1D and 2D Variable Temperature NMR Study. <i>Journal of Organic Chemistry</i> , 1997, 62, 5080-5088.	3.2	29
65	Conformational Complexity in Seven-Membered Cyclic Triazepinone/Open Hydrazones. 2. Molecular Modeling and X-ray Study. <i>Journal of Organic Chemistry</i> , 1997, 62, 5089-5095.	3.2	19
66	Correlation analysis of the ^{13}C chemical shifts of substituted benzaldehyde 2-aminobenzoylhydrazones. Study of the propagation of substituent effects along a heteroatomic chain. <i>Journal of Physical Organic Chemistry</i> , 1997, 10, 55-66.	1.9	26
67	Electron Ionization Mass Spectra of Some Diexo Norbornane- and Norbornene-fused Phenyl-substituted 1,3-Oxazines and Related Systems. Competitive retro-Diels-Alder Fragmentations in 4-Phenyl-4a,5,8,8a-tetrahydro-5,8-methano-4H-benzo[e]1,3-oxazines. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 249-252.	1.5	8
68	Electron impact mass spectra of substituted 1-aryl-2-arylsulphonylamino- β -imidazolines. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 1043-1045.	1.5	8
69	Electron Impact Mass Spectra of Substituted 1-Aryl-2-arylsulphonylamino-1,4,5,6-tetrahydropyrimidines. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 1407-1410.	1.5	3
70	Tissue Phospholipids during Human Pregnancy by ^{31}P NMR: Myometrium, Decidua, Placenta and Fetal Membranes. , 1996, 9, 53-58.		7
71	Stereochemical Effects in the Mass Spectra of cis-and trans-2-Aryl-4a,5,6,7,8,8a-hexahydroquinazolin-4(3H)-ones. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 214-219.	1.5	3
72	Electron Impact Induced Fragmentation of Dibenzo Crown Ethers. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 439-442.	1.5	1

#	ARTICLE	IF	CITATIONS
73	Stereochemical Effects in the Electron Ionization Mass Spectra of Cycloalkane-(alkene)-fused 2,3-Dihydro-5H-thiazolo[3,2-a]pyrimidine-5-ones and 3,4-Dihydro-2H,6H-pyrimido[2,1-b]thiazin-6-ones. Rapid Communications in Mass Spectrometry, 1996, 10, 721-726.	1.5	4
74	Conformational Analysis. ³⁰ A-1H and ¹³ C NMR Stereochemical Study on N-Methyl-Substituted cis- and trans-Fused Octahydro-2H-1,3- and -3,1-benzoxazines. Magnetic Resonance in Chemistry, 1996, 34, 998-1002.	1.9	8
75	Fragmentation and intramolecular cyclization in cyclopentane-4,5-fused 2-N-phenyliminoperhydro-1,3-oxazines and related thiazines under electron impact ionization. Rapid Communications in Mass Spectrometry, 1995, 9, 615-624.	1.5	4
76	Electron ionization mass spectrometry of some substituted, stereoisomeric, partly saturated 1,3- and 3,1-benzoxazino-1,3-benzoxazines. Rapid Communications in Mass Spectrometry, 1995, 9, 1035-1037.	1.5	3
77	Electron ionization mass spectra of some fused pyrimidinone derivatives. Rapid Communications in Mass Spectrometry, 1994, 8, 535-538.	1.5	3
78	Electron ionization fragmentation of some isoindolone derivatives. Rapid Communications in Mass Spectrometry, 1994, 8, 858-862.	1.5	1
79	Substituent effects in the mass spectrometry of 4-substituted camphors studied under electron and chemical ionization. Rapid Communications in Mass Spectrometry, 1994, 8, 876-880.	1.5	5
80	Mass spectral fragmentation of some cycloalkane-condensed 4,5-dihydro-3(2H)-pyridazinones and 4,5-dihydro-6H-oxazin-6-ones. Rapid Communications in Mass Spectrometry, 1994, 8, 1021-1025.	1.5	0
81	Electron and chemical ionization mass spectrometry in stereochemical differentiation of some 1,3-amino alcohols. Organic Mass Spectrometry, 1994, 29, 126-132.	1.3	12
82	Electron impact ionization mass spectrometry and intramolecular cyclization in 2-substituted pyrimidin-4(3H)-ones. Journal of the American Society for Mass Spectrometry, 1994, 5, 113-119.	2.8	13
83	Electron ionization mass spectra of some norbornane/ene-fused 2-N-phenyliminoperhydro-1,3-oxazines. Journal of Heterocyclic Chemistry, 1994, 31, 893-897.	2.6	3
84	Electron impact ionization mass spectra of some substituted dipyrido[1,2-a:4,3-d]pyrimidinones. Organic Mass Spectrometry, 1993, 28, 18-22.	1.3	5
85	Mass spectrometry and pyrolytic decomposition of 2-amino-3,4,6-trisubstituted isoflavones. Organic Mass Spectrometry, 1993, 28, 92-94.	1.3	1
86	Electron-impact induced fragmentations of some quinazolinediones and benzoxazinones. Rapid Communications in Mass Spectrometry, 1993, 7, 374-377.	1.5	6
87	Electronic effects in the electron ionization fragmentations of 2-aryl substituted octahydro-1,3- and -3,1-benzoxazines. Rapid Communications in Mass Spectrometry, 1993, 7, 465-469.	1.5	7
88	Electron impact ionization mass spectra of 2,4,5,5-tetrasubstituted 1,2,4-triazolidine-3-thiones. The effect of the ethoxycarbonyl group at position 4. Journal of Heterocyclic Chemistry, 1993, 30, 1137-1142.	2.6	2
89	Tautomerism in some alkyl carboxylates of amino-substituted dihydrobenzoxazepine thiones and dihydrobenzodiazepine thiones studied by 2D NMR spectroscopy. Some stereochemical effects on 2J(C, C) Tj ETQq1 1.0.784314 rgBT /Ove		
90	PREPARATION OF 1-(o-AMINO BENZOYL)-1-METHYLHYDRAZINES. Organic Preparations and Procedures International, 1991, 23, 377-378.	1.3	4

#	ARTICLE	IF	CITATIONS
91	Water-Soluble Lipids in <i>Carex</i> and <i>Sphagnum</i> Peats. International Journal of Environmental Analytical Chemistry, 1991, 43, 235-244.	3.3	5
92	Electron ionization mass spectra of some 4 ¹ -phenyl-substituted cycloalkane-cis-fused 1,3-oxazin-2(3H)-ones, -2(3H)-thiones and 1,4-oxazepin-3(4H)-ones. Journal of Heterocyclic Chemistry, 1991, 28, 253-256.	2.6	4
93	Gas-Phase ring-chain tautomerism in 1,3-oxazines. Does it exist?. Organic Mass Spectrometry, 1991, 26, 438-442.	1.3	16
94	Mass spectrometric study of some cycloalkane/ene-condensed 2-thioxo-2,9,10,11-pyrimidin-4(1H)-ones and cycloalkane/ene-condensed [1,3] thiazino [3,2-a]-pyrimidinones under electron impact. Organic Mass Spectrometry, 1991, 26, 493-497.	1.3	5
95	Elimination and rearrangement reactions in the electron impact ionization mass spectrometry of 2,4,5,5-tetrasubstituted 1,2,4-triazolidine-3-thiones. Organic Mass Spectrometry, 1991, 26, 844-848.	1.3	5
96	Effects of N-substitution on the fragmentations of some cyclohexene-fused 2-N-phenyliminoperhydro-3,1-oxazines and related thiazines. Journal of the American Society for Mass Spectrometry, 1991, 2, 125-129.	2.8	11
97	Acid hydrolysis of 2-substituted 3-methyl-tetrahydro-1,3-oxazines: Simple models for tertiary glycosylamines. Journal of Physical Organic Chemistry, 1991, 4, 53-57.	1.9	2
98	Electron ionization fragmentations of some N-substituted 2-N-methylimino-4,5-tetramethylenoperhydro-3,1-oxazines and related thiazines. Rapid Communications in Mass Spectrometry, 1991, 5, 230-233.	1.5	7
99	Electron ionization mass spectra of some cyclohexane fused 2-N-phenyliminoperhydro-1,3-oxazines and related thiazines. Rapid Communications in Mass Spectrometry, 1990, 4, 279-282.	1.5	9
100	Studies on the benzoxazine series. Part 3: Preparation and ¹³ C NMR structural Study of ¹³ C Effects of Some N-substituted 3,4-dihydro-2H-1,3-benzoxazines. Magnetic Resonance in Chemistry, 1990, 28, 239-245.	1.9	12
101	Tautomerism and electron impact mass spectra of pyrimidin-4(3H)- and -4(1H)-ones. Organic Mass Spectrometry, 1990, 25, 115-118.	1.3	11
102	Mass spectrometric behaviour of cyclopentane- and cyclohexane-condensed pyrimidinediones under electron impact. Organic Mass Spectrometry, 1990, 25, 277-284.	1.3	7
103	Electron impact and chemical ionization mass spectra of norbornane/ene di-exo and di-endo-fused 1,3-oxazin-2(1H)-ones and 1,3-oxazine-2(1H)-thiones. Organic Mass Spectrometry, 1990, 25, 615-619.	1.3	15
104	Mass spectrometric intramolecular cyclization reactions of some 2-N-phenyliminoperhydro-1,3-oxazines. Journal of Heterocyclic Chemistry, 1989, 26, 1453-1459.	2.6	17
105	Studies on the benzoxazine series. Preparation and ¹ H and ¹³ C NMR structural study of some substituted 1,2-dihydro-4H-3,1-benzoxazines. Magnetic Resonance in Chemistry, 1989, 27, 725-733.	1.9	17
106	Configurations and conformations of some methyl-substituted 2,4-dioxabicyclo[3.3.1]nonanes. Magnetic Resonance in Chemistry, 1988, 26, 526-528.	1.9	2
107	A comparative study on the behaviour of 1,3-diheterocyclopentanes (X = O, O; S, S; O, S) under electron impact. The formation of thioacetyl and thiiranyl cations. Organic Mass Spectrometry, 1988, 23, 770-776.	1.3	13
108	Stereochemistry and the mass spectra of some 1,3- and 3,1-perhydrobenzoxazines. Rapid Communications in Mass Spectrometry, 1988, 2, 229-232.	1.5	17

#	ARTICLE	IF	CITATIONS
109	17O NMR spectra of methyl-substituted 2-oxo-1,3,2-dioxathianes. <i>Magnetic Resonance in Chemistry</i> , 1987, 25, 569-571.	1.9	7
110	Bond-bond interactions in alkanes and their hetero analogs. Allen-type group increments for estimating enthalpies of formation of alkanes and their oxygen, sulfur, and nitrogen analogs and aliphatic ketones. <i>Journal of Chemical & Engineering Data</i> , 1985, 30, 387-394.	1.9	6
111	Conformational analysis: ¹ H NMR study of 4,5-dimethyl-, 2,4,5-trimethyl- and 2,2,4,5-tetramethyl-1,3-dithiolanes. <i>Magnetic Resonance in Chemistry</i> , 1983, 21, 151-153.	0.7	4
112	Carbon-13 chemical shifts: sensitive detectors in structure determination. Part 2. Carbon-13 nuclear magnetic resonance chemical shifts and the twist conformations of 1,3-dioxanes. Geminal substitution at the 4-position: a guaranty for the chair form?. <i>Journal of Organic Chemistry</i> , 1982, 47, 4688-4692.	3.2	28
113	Conformational analysis ¹³ C NMR studies of saturated heterocycles ⁵ substituent effects on the ¹³ C chemical shifts of methyl substituted 1,3-dithiolanes. <i>Magnetic Resonance in Chemistry</i> , 1981, 17, 246-249.	0.7	14
114	¹³ C Chemical Shifts ¹ Sensitive Detectors in Structure Determination. 1. ¹³ C NMR Studies of Saturated Heterocycles. 4. Methyl-substituted 1,3-dioxanes. <i>Israel Journal of Chemistry</i> , 1980, 20, 160-167.	2.3	31
115	Conformational Analysis. XIX properties and reactions of 1,3-oxathianes VIII ¹ H NMR conformational study of methyl-substituted derivatives. <i>Magnetic Resonance in Chemistry</i> , 1979, 12, 331-336.	0.7	19
116	Analysis of the ¹ H n.m.r. spectrum of 4-methyl-1,3-oxathiolane. An interestingly coupled ABXM3-case. <i>Magnetic Resonance in Chemistry</i> , 1977, 9, 177-178.	0.7	2
117	¹³ C nuclear magnetic resonance studies of saturated heterocycles: ¹¹ substituent effects on the ¹³ C chemical shifts of methyl substituted 1,3-dithianes and their application to the determination of conformational equilibria. <i>Magnetic Resonance in Chemistry</i> , 1977, 9, 533-535.	0.7	13
118	Conformational analysis: XIV ¹ H n.m.r. conformational study of methyl substituted 2-oxo-1,3,2-dioxathians to confirm the predominance of chair forms in the trimethylene sulphite series. <i>Magnetic Resonance in Chemistry</i> , 1976, 8, 375-379.	0.7	14
119	Conformational analysis: IX-a 300 MHz study of 4-vinylbutyrolactone. <i>Magnetic Resonance in Chemistry</i> , 1974, 6, 301-302.	0.7	5
120	Ionisation and appearance potentials in the evaluation of nonbonded interactions ^{IV} : Conformational effects in methyl-substituted 1,3-oxathianes. <i>Organic Mass Spectrometry</i> , 1973, 7, 949-954.	1.3	11
121	Ionisation and appearance potentials in structure analysis. A review. <i>Organic Mass Spectrometry</i> , 1973, 7, 1203-1210.	1.3	23
122	Appearance potentials as an analytical aid in the evaluation of non-bonded interactions. Recalculation of strain energies for some methyl phenanthrenes. <i>Organic Mass Spectrometry</i> , 1972, 6, 1293-1296.	1.3	9
123	Properties and reactions of 1,3-oxathianes ^{II} : Mass spectra of 1,3-oxathiane and its alkyl derivatives. <i>Organic Mass Spectrometry</i> , 1971, 5, 763-775.	1.3	18
124	Appearance potentials determined by the electron-impact method as an analytical aid in the evaluation of conformational energies and clarification of ring conformation ^I : Appearance potentials of the [M _i -R] ⁺ ions formed in the primary fragmentation of stereo-isomeric 1,3-dioxans. A direct route to conformational energies. <i>Organic Mass Spectrometry</i> , 1971, 5, 1363-1371.	1.3	20
125	Conformational Analysis. NMR Spectra of Six-Membered Cyclic Acetals.. <i>Acta Chemica Scandinavica</i> , 1970, 24, 531-549.	0.7	52
126	Preparation of 1,3-Propanediol and Its Methyl Derivatives by Grignard Reactions or by LiAlH ₄ Reduction.. <i>Acta Chemica Scandinavica</i> , 1969, 23, 715-726.	0.7	8

#	ARTICLE	IF	CITATIONS
127	Heats of Formation and Conformational Energies of 1,3-Dioxane and Its Methyl Homologues.. Acta Chemica Scandinavica, 1968, 22, 2401-2414.	0.7	43
128	Heats of Combustion of 1,3-Dioxane and Its Methyl Derivatives.. Acta Chemica Scandinavica, 1967, 21, 2390-2398.	0.7	14
129	Mass Spectra of Sulfoxides and Sulfones. , 0, , 125-164.		11
130	Mass spectra of sulfinic acids, esters and derivatives. , 0, , 107-128.		4