

Poul Erik Hansen

List of Publications by Year in descending order

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160
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4,434
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117625
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166
all docs

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docs citations

166
times ranked

3860
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotope Effects on Chemical Shifts in the Study of Hydrogen Bonds in Small Molecules. <i>Molecules</i> , 2022, 27, 2405.	3.8	5
2	A Spectroscopic Overview of Intramolecular Hydrogen Bonds of NHâ€ O,S,N Type. <i>Molecules</i> , 2021, 26, 2409.	3.8	15
3	Azoâ€hydrazone molecular switches: Synthesis and NMR conformational investigation. <i>Magnetic Resonance in Chemistry</i> , 2021, 59, 1116-1125.	1.9	5
4	The best <scp>density functional theory</scp> functional for the prediction of ¹H and ¹³C chemical shifts of protonated alkylpyrroles. <i>Journal of Computational Chemistry</i> , 2021, 42, 1248-1262.	3.3	5
5	NMR of Natural Products as Potential Drugs. <i>Molecules</i> , 2021, 26, 3763.	3.8	10
6	Cellular Uptake and Intracellular Phosphorylation of GS-441524: Implications for Its Effectiveness against COVID-19. <i>Viruses</i> , 2021, 13, 1369.	3.3	12
7	Molecular structure, intramolecular hydrogen bond strength, vibrational assignment, and spectroscopic insight of 4-phenylamino-3-penten-2-one and its derivatives: A theoretical and experimental study. <i>Journal of Molecular Liquids</i> , 2021, 334, 116035.	4.9	6
8	Curcumin analogues for possible cancer treatment A QSAR and partial ordering study. <i>World Journal of Biological and Pharmaceutical Research</i> , 2021, 1, 001-016.	0.0	2
9	Structural Studies of Î²-Diketones and Their Implications on Biological Effects. <i>Pharmaceuticals</i> , 2021, 14, 1189.	3.8	22
10	Photoinduced and ground state conversions in a cyclic Î²-thioxoketone. <i>RSC Advances</i> , 2021, 12, 681-689.	3.6	2
11	NH Stretching Frequencies of Intramolecularly Hydrogen-Bonded Systems: An Experimental and Theoretical Study. <i>Molecules</i> , 2021, 26, 7651.	3.8	12
12	Strong intramolecular hydrogen bonds and steric effects involving Câ•6 groups: An NMR and computational study. <i>Magnetic Resonance in Chemistry</i> , 2020, 58, 154-162.	1.9	3
13	Isotope effects on chemical shifts in the study of hydrogen bonded biological systems. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2020, 120-121, 109-117.	7.5	5
14	Progress of Bromophenols in Marine Algae from 2011 to 2020: Structure, Bioactivities, and Applications. <i>Marine Drugs</i> , 2020, 18, 411.	4.6	27
15	Oneâ€bond ¹<i>J</i>(¹⁵N,H) coupling constants at sp²â€hybridized nitrogen of Schiff bases, enaminones and similar compounds: A theoretical study. <i>Magnetic Resonance in Chemistry</i> , 2020, 58, 750-762.	1.9	4
16	Structure Identification of Novel Compounds Using Simple IR, 1 H, and 13 C NMR Spectroscopy and Computational Tools. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 78-83.	1.9	1
17	Derivatives of usnic acid cause cytostatic effect in Caco-2 cells. <i>Natural Product Research</i> , 2020, 35, 1-7.	1.8	5
18	Computational Prediction of ¹H and ¹³C NMR Chemical Shifts for Protonated Alkylpyrroles: Electron Correlation and Not Solvation is the Salvation. <i>ChemPhysChem</i> , 2019, 20, 78-91.	2.1	15

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19	Stability of the oxidized form of Ru(II)(NCS) ₂ dyes in acetonitrile in the presence of water and pyridines – Why the dye-sensitized solar cell electrolyte should be dry. <i>Solar Energy</i> , 2019, 189, 235-243.	6.1	2
20	Isomerization and aggregation of 2-(2-(2-hydroxy-4-nitrophenyl)hydrazono)-1-phenylbutane-1,3-dione: Recent evidences from theory and experiment. <i>Journal of Molecular Liquids</i> , 2019, 283, 242-248.	4.9	3
21	Molecular structure and intramolecular hydrogen bond strength of 3-methyl-4-amino-3-penten-2-one and its N-Me and N-Ph substitutions by experimental and theoretical methods. <i>Journal of Molecular Structure</i> , 2019, 1184, 233-245.	3.6	11
22	Intramolecular Hydrogen Bonds in Normal and Sterically Compressed o-Hydroxy Aromatic Aldehydes. Isotope Effects on Chemical Shifts and Hydrogen Bond Strength. <i>Molecules</i> , 2019, 24, 4533.	3.8	14
23	A concept for stimulated proton transfer in 1-(phenyldiazenyl)naphthalen-2-ols. <i>Dyes and Pigments</i> , 2018, 156, 91-99.	3.7	13
24	NMR, MP2, and DFT study of thiophenoxyketenimines (thio Schiff bases): Determination of the preferred form. <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 172-182.	1.9	8
25	Ring current and anisotropy effects on OH chemical shifts in resonance-assisted intramolecular H-bonds. <i>Tetrahedron Letters</i> , 2018, 59, 2288-2292.	1.4	10
26	Structure of a new usnic acid derivative from a deacylating Mannich reaction: NMR studies supported by theoretical calculations of chemical shifts. <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 1094-1100.	1.9	1
27	Greener Friedel-Crafts Acylation Using Microwave-Enhanced Reactivity of Bismuth Triflate in the Friedel-Crafts Benzoylation of Aromatic Compounds with Benzoic Anhydride. <i>ChemistrySelect</i> , 2017, 2, 571-575.	1.5	7
28	The possible tautomerism of the potential rotary switch 2-(2-(2-Hydroxy-4-nitrophenyl)hydrazono)-1-phenylbutane-1,3-dione. <i>Dyes and Pigments</i> , 2017, 144, 249-261.	3.7	12
29	4-Carboxyl-2,6-dinitrophenylazohydroxynaphthalenes tautomerism NMR re-explained and other methods verified. <i>Dyes and Pigments</i> , 2017, 142, 226-229.	3.7	4
30	NMR and IR Investigations of Strong Intramolecular Hydrogen Bonds. <i>Molecules</i> , 2017, 22, 552.	3.8	95
31	Structural studies on Mannich bases of 2-Hydroxy-3,4,5,6-tetrachlorobenzene. An UV, IR, NMR and DFT study. A mini-review. <i>Journal of Molecular Structure</i> , 2016, 1119, 235-239.	3.6	15
32	A Reinvestigation of the Ionic Liquid Diisopropylethylammonium Formate by NMR and DFT Methods. <i>Journal of Physical Chemistry B</i> , 2016, 120, 11279-11286.	2.6	11
33	Isotope Effects on Chemical Shifts in the Study of Intramolecular Hydrogen Bonds. <i>Molecules</i> , 2015, 20, 2405-2424.	3.8	26
34	A Simple, Effective, Green Method for the Regioselective 3-Acylation of Unprotected Indoles. <i>Molecules</i> , 2015, 20, 19605-19619.	3.8	13
35	Pharmacological Profile of Xanthohumol, a Prenylated Flavonoid from Hops (<i>Humulus lupulus</i>). <i>Molecules</i> , 2015, 20, 754-779.	3.8	174
36	Comment on “Spectroscopic studies of keto-enol tautomeric equilibrium of azo dyes” by M. A. Rauf, S. Hisaindee and N. Saleh, <i>RSC Adv.</i> , 2015, 5, 18097. <i>RSC Advances</i> , 2015, 5, 67165-67167.	3.6	4

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37	Determination of the tautomeric equilibria of pyridoyl benzoyl β -diketones in the liquid and solid state through the use of deuterium isotope effects on ^1H and ^{13}C NMR chemical shifts and spin coupling constants. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 107-112.	3.9	10
38	1,1- D_2 -(2,4,6-Trihydroxybenzene-1,3,5-triyl)triethanone tautomerism revisited. <i>Tetrahedron Letters</i> , 2014, 55, 354-357.	1.4	12
39	Arresting consecutive steps of a photochromic reaction: studies of β -thioxoketones combining laser photolysis with NMR detection. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 9128-9137.	2.8	11
40	Microwave-Assisted Facile and Rapid Friedel-Crafts Benzoylation of Arenes Catalyzed by Bismuth Trifluoromethanesulfonate. <i>Synthetic Communications</i> , 2014, 44, 2921-2929.	2.1	8
41	Detection of salt bridges to lysines in solution in barnase. <i>Chemical Communications</i> , 2013, 49, 9824-9826.	4.1	21
42	The effect of 4-tert-butylpyridine and Li^+ on the thermal degradation of TiO_2 -bound ruthenium dye N719. <i>Solar Energy</i> , 2013, 88, 23-30.	6.1	14
43	Secondary Isotope Effects on ^{13}C and ^{15}N Chemical Shifts of Schiff Bases Revisited. <i>Zeitschrift Fur Physikalische Chemie</i> , 2013, 227, 917-927.	2.8	3
44	Deuterium isotope effects on ^{13}C chemical shifts of negatively charged $\text{NH}^- \text{N}$ systems. <i>Magnetic Resonance in Chemistry</i> , 2013, 51, 683-688.	1.9	4
45	Deuterium Isotope Effects on ^{13}C -NMR Chemical Shifts of 10-Hydroxybenzo[h]quinolines. <i>Molecules</i> , 2013, 18, 4544-4560.	3.8	15
46	On prediction of OH stretching frequencies in intramolecularly hydrogen bonded systems. <i>Journal of Molecular Structure</i> , 2012, 1018, 8-13.	3.6	22
47	Dye-sensitized solar cells and complexes between pyridines and iodines. A NMR, IR and DFT study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 98, 247-251.	3.9	11
48	Oliveridepsidones $\text{A} \rightarrow \text{D}$, antioxidant depsidones from <i>Garcinia oliveri</i> . <i>Magnetic Resonance in Chemistry</i> , 2012, 50, 242-245.	1.9	9
49	A new chromanone acid from the bark of <i>Calophyllum dryobalanoides</i> . <i>Phytochemistry Letters</i> , 2012, 5, 287-291.	1.2	10
50	Ab Initio Calculations of Deuterium Isotope Effects on Chemical Shifts of Salt-Bridged Lysines. <i>Journal of Physical Chemistry B</i> , 2011, 115, 3208-3215.	2.6	20
51	Bromophenols in Marine Algae and Their Bioactivities. <i>Marine Drugs</i> , 2011, 9, 1273-1292.	4.6	208
52	OH stretching frequencies in systems with intramolecular hydrogen bonds: Harmonic and anharmonic analyses. <i>Chemical Physics</i> , 2011, 389, 107-115.	1.9	30
53	A ^{19}F NMR study of $\text{C} \cdots \text{I} \cdots \text{I}$ halogen bonding. <i>Chemical Physics</i> , 2011, 381, 5-10.	1.9	47
54	Acetyl cedrene and its follower. An Isotopic, NMR and MS Structure elucidation and deuteration study. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2011, 54, 126-131.	1.0	4

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55	Photovoltaic Performance and Characteristics of Dye-sensitized Solar Cells Prepared with the N719 Thermal Degradation Products [Ru(LH) ₂ (NCS)(4-tert-butylpyridine)][N(Bu) ₄] and [Ru(LH) ₂ (NCS)(1-methylbenzimidazole)][N(Bu) ₄]. European Journal of Deuterium Isotope Effects on ^{13}C and ^{15}N chemical shifts of intramolecularly hydrogen-bonded enaminocarbonyl derivatives of Meldrum TM s and Tetronic acid. Journal of Molecular Structure, 2010, 976, 377-391.	2.0	35
56	Chemical Shifts of Ammonium Ions: A Solid State NMR Study. International Journal of Inorganic Chemistry, 2011, 2011, 1-4.	3.6	2
57	Trichloromethyl compounds $\delta^{13}\text{C}$ Natural background concentrations and fates within and below coniferous forests. Science of the Total Environment, 2010, 408, 6223-6234.	8.0	20
58	Deuterium isotope effects on ^{13}C and ^{15}N chemical shifts of intramolecularly hydrogen-bonded enaminocarbonyl derivatives of Meldrum TM s and Tetronic acid. Journal of Molecular Structure, 2010, 976, 377-391.	3.6	11
59	Theoretical and NMR Studies of Deuterium Isotopic Perturbation of Hydrogen Bonding in Symmetrical Dihydroxy Compounds. Journal of Organic Chemistry, 2010, 75, 1331-1342.	3.2	26
60	Methodological problems in determining TCAA in soils – the discovery of novel natural trichloroacetyl containing compounds and their interference with a common method for determining TCAA in soil and vegetation. Journal of Environmental Monitoring, 2010, 12, 672-680.	2.1	10
61	^{13}C -NMR Chemical Shift Databases as a Quick Tool to Evaluate Structural Models of Humic Substances – 2010-01-15 – 2010-02-02 – 2010-06-18 – I. The Open Magnetic Resonance Journal, 2010, 3, 96-105.	0.5	10
62	NMR of a series of novel hydroxyflavothiones. Magnetic Resonance in Chemistry, 2009, 47, 1043-1054.	1.9	16
63	Deuterium isotope effects on ^{15}N backbone chemical shifts in proteins. Journal of Biomolecular NMR, 2009, 44, 119-126.	2.8	26
64	Characterization of Salt Bridges to Lysines in the Protein G B1 Domain. Journal of the American Chemical Society, 2009, 131, 4674-4684.	13.7	61
65	The influence of organic matter on sorption and fate of glyphosate in soil – Comparing different soils and humic substances. Environmental Pollution, 2009, 157, 2865-2870.	7.5	104
66	Cytotoxic Geranylated Xanthenes and O-Alkylated Derivatives of .ALPHA.-Mangostin. Chemical and Pharmaceutical Bulletin, 2009, 57, 830-834.	1.3	32
67	Secondary thioamide group deformations in different surroundings: The case of intramolecular $\text{NH}\cdots\text{N}$ hydrogen bond – An X-ray study combined with theoretical calculations. Journal of Molecular Structure, 2008, 892, 438-445.	3.6	5
68	Deuterium isotope effects on ^{13}C chemical shifts of nitromalonamide. Magnetic Resonance in Chemistry, 2008, 46, 726-729.	1.9	14
69	Binding of Topotecan to a Nicked DNA Oligomer in Solution. Chemistry - A European Journal, 2008, 14, 2788-2794.	3.3	29
70	Density Functional Theory Study of Intramolecular Hydrogen Bonding and Proton Transfer in α -Hydroxyaryl Ketimines. Journal of Physical Chemistry A, 2008, 112, 3478-3485.	2.5	28
71	Effect of Different Humic Substances on the Fate of Diuron and Its Main Metabolite 3,4-Dichloroaniline in Soil. Environmental Science & Technology, 2008, 42, 8687-8691.	10.0	32
72	Intramolecular Hydrogen Bonding of 5-Acyl-3-methylrhodanines. Zeitschrift Fur Physikalische Chemie, 2008, 222, 1213-1223.	2.8	4

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73	Long-Range Deuterium Isotope Effects on ^{13}C Chemical Shifts of Intramolecularly Hydrogen-Bonded N-Substituted 3-(Cycloamine)thiopropionamides or Amides: A Case of Electric Field Effects. <i>Journal of Organic Chemistry</i> , 2007, 72, 4108-4116.	3.2	18
74	Conformational and tautomeric eccentricities of 2-acetyl-1,8-dihydroxynaphthalenes. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 106-117.	1.9	17
75	Intramolecular hydrogen bonding of novelo-hydroxythioacetophenones and related compounds evaluated by deuterium isotope effects on ^{13}C chemical shifts. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 245-252.	1.9	19
76	Isotope effect on chemical shifts in hydrogen-bonded systems. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2007, 50, 967-981.	1.0	30
77	The role of ring substituents on hydrogen bonding of 5-cyano-2-hydroxyacetophenone and 2-hydroxy-4-methoxy-5-nitroacetophenone in the ground and excited states. <i>Journal of Molecular Structure</i> , 2007, 844-845, 77-82.	3.6	10
78	Intramolecular hydrogen bonding of o-hydroxyesters and related compounds evaluated by deuterium isotope effects on ^{13}C chemical shifts and principal component analysis. <i>Journal of Molecular Structure</i> , 2007, 844-845, 300-307.	3.6	4
79	Photochromism in p-methylbenzoylthioacetone and related β^2 -thioxoketones. <i>Chemical Physics</i> , 2007, 338, 11-22.	1.9	10
80	Strong intramolecular hydrogen bonding involving nitro- and acetyl groups. Deuterium isotope effects on chemical shifts. <i>Journal of Molecular Structure</i> , 2006, 789, 81-91.	3.6	32
81	A spectrochemometric approach to tautomerism and hydrogen-bonding in 3-acyltetronic acids. <i>Journal of Molecular Structure</i> , 2006, 790, 80-88.	3.6	18
82	Preparation and structural characterization of a new class of stable thioketones: ortho-hydroxythioacetophenones. <i>Tetrahedron Letters</i> , 2006, 47, 8433-8435.	1.4	19
83	Photochromism and polarization spectroscopy of p-methyl(thiobenzoyl)acetone. <i>Chemical Physics</i> , 2006, 328, 205-215.	1.9	9
84	Steric compression and twist in o-hydroxy acyl aromatics with intramolecular hydrogen bonding. <i>Journal of Molecular Structure</i> , 2005, 749, 155-168.	3.6	35
85	New deuterium isotope effects on ^{13}C and ^{19}F chemical shifts across intramolecular hydrogen bonds of non-resonance assisted systems. <i>Tetrahedron Letters</i> , 2005, 46, 839-842.	1.4	9
86	Schiff bases of gossypol: an NMR and DFT study. <i>Magnetic Resonance in Chemistry</i> , 2005, 43, 302-308.	1.9	39
87	Variable-temperature NMR study of the enol forms of benzoylacetones. <i>Magnetic Resonance in Chemistry</i> , 2005, 43, 992-998.	1.9	25
88	Factor Analysis of Deuterium Isotope Effects on ^{13}C NMR Chemical Shifts in Schiff Bases. <i>Chemistry - A European Journal</i> , 2005, 11, 4758-4766.	3.3	17
89	NMR and IR Spectroscopy of Phenols. <i>ChemInform</i> , 2005, 36, no.	0.0	1
90	NMR Studies of Isotope Effects of Compounds with Intramolecular Hydrogen Bonds. , 2005, , 253-280.		0

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91	Phosphate pool dynamics in the arbuscular mycorrhizal fungus <i>Glomus intraradices</i> studied by in vivo ^{31}P NMR spectroscopy. <i>New Phytologist</i> , 2004, 162, 783-794.	7.3	66
92	Studies based on deuterium isotope effect on ^{13}C chemical shifts. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2004, 45, 1-29.	7.5	55
93	Thioacetylacetone: Structural and Vibrational Assignments. <i>ChemPhysChem</i> , 2004, 5, 495-502.	2.1	21
94	Multiple Binding Modes of the Camptothecin Family to DNA Oligomers. <i>Chemistry - A European Journal</i> , 2004, 10, 5776-5787.	3.3	25
95	Temperature coefficient of NH chemical shifts of thioamides and amides in relation to structure. <i>Journal of Molecular Structure</i> , 2004, 700, 91-103.	3.6	26
96	Characterisation of the PT-form of o-hydroxy acylaromatic Schiff bases by NMR spectroscopy and DFT calculations. <i>Journal of Molecular Structure</i> , 2004, 707, 69-75.	3.6	21
97	The application of high performance liquid chromatography humic acid columns in determination of K_{oc} of polycyclic aromatic compounds. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 741-745.	4.3	6
98	Magnetic susceptibility: Solutions, emulsions, and cells. <i>Concepts in Magnetic Resonance</i> , 2003, 18A, 56-71.	1.3	87
99	Solution and solid state ^{13}C NMR and X-ray studies of genistein complexes with amines. Potential biological function of the C-7, C-5, and C-4'-OH groups. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 3578-3585.	2.8	24
100	The tautomeric equilibrium and stereochemistry of β -sulfonyl enamines. <i>New Journal of Chemistry</i> , 2002, 26, 1060-1069.	2.8	6
101	Reverse quantitative structure-activity relationship for modelling the sorption of esfenvalerate to dissolved organic matter. <i>Chemosphere</i> , 2002, 49, 1317-1325.	8.2	19
102	Deuterium isotope effects on ^{15}N , ^{13}C and ^1H chemical shifts of proton sponges. <i>Journal of Molecular Structure</i> , 2002, 615, 121-140.	3.6	29
103	Sorption of Polycyclic Aromatic Compounds to Humic and Fulvic Acid HPLC Column Materials. <i>Journal of Environmental Quality</i> , 2001, 30, 526-537.	2.0	25
104	^1H NMR of compounds with low water solubility in the presence of erythrocytes: effects of emulsion phase separation. <i>European Biophysics Journal</i> , 2001, 30, 69-74.	2.2	5
105	The structure of the phototransformation product of monothiodibenzoylmethane. <i>Chemical Physics Letters</i> , 2001, 350, 502-508.	2.6	24
106	Reactivity and diastereoselectivity of Michael additions of amines to achiral α,β -unsaturated thioamides. <i>Tetrahedron</i> , 2001, 57, 8705-8718.	1.9	12
107	Isotope effects on chemical shifts of proteins and peptides. <i>Magnetic Resonance in Chemistry</i> , 2000, 38, 1-10.	1.9	45
108	Primary tritium and deuterium isotope effects on chemical shifts of compounds having an intramolecular hydrogen bond. <i>Magnetic Resonance in Chemistry</i> , 2000, 38, 525-535.	1.9	27

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109	Application of the HECADE method to the measurement of long-range heteronuclear ^{13}C , ^1H spin-spin coupling constants in tautomeric $\hat{\text{I}}^2$ -sulfonylenamines. <i>Magnetic Resonance in Chemistry</i> , 2000, 38, 839-844.	1.9	6
110	Variable temperature ^1H and ^{13}C NMR spectroscopic investigation of the enolâ€enethiol tautomerism of $\hat{\text{I}}^2$ -thioxoketones. Isotope effects due to deuterium chelation. <i>Journal of Molecular Structure</i> , 2000, 552, 45-62.	3.6	35
111	^{31}P NMR for the study of P metabolism and translocation in arbuscular mycorrhizal fungi. <i>Plant and Soil</i> , 2000, 226, 245-253.	3.7	50
112	Letter to the editor: Sequence-specific resonance assignments of the potent cytotoxin equinatoxin II. <i>Journal of Biomolecular NMR</i> , 2000, 18, 281-282.	2.8	8
113	Isotope Effects on Chemical Shifts as an Analytical Tool in Structural Studies of Intramolecular Hydrogen Bonded Compounds. <i>Current Organic Chemistry</i> , 2000, 4, 19-54.	1.6	73
114	Deuterium isotope effects on ^{17}O chemical shifts of intramolecularly hydrogen bonded systems. <i>Journal of Molecular Structure</i> , 1999, 509, 171-181.	3.6	21
115	Deuterium isotope effects on ^{13}C chemical shifts of intramolecularly hydrogen-bonded Schiff bases. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 2809-2817.	0.9	70
116	Unraveling the Electronic and Vibrational Contributions to Deuterium Isotope Effects on ^{13}C Chemical Shifts Using ab Initio Model Calculations. Analysis of the Observed Isotope Effects on Sterically Perturbed Intramolecular Hydrogen-Bonded-Hydroxy Acyl Aromatics. <i>Journal of the American Chemical Society</i> , 1998, 120, 9063-9069.	13.7	84
117	Oneâ€bond deuterium isotope effects on ^{15}N chemical shifts in Schiff bases. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1998, 102, 410-413.	0.9	49
118	Tautomerism of enolic triacetylmethane, 2-acyl-1,3-cycloalkanediones, 5-acyl Meldrumâ€™s acids and 5-acyl-1,3-dimethylbarbituric acids studied by means of deuterium isotope effects on ^{13}C chemical shifts. <i>Magnetic Resonance in Chemistry</i> , 1998, 36, 315-324.	1.9	42
119	^{17}O chemical shifts and deuterium isotope effects on ^{13}C chemical shifts of intramolecularly hydrogen-bonded compounds. <i>Magnetic Resonance in Chemistry</i> , 1998, 36, 921-928.	1.9	32
120	Determination of K_{ow} of Substituted Polycyclic Aromatic Compounds. <i>Polycyclic Aromatic Compounds</i> , 1997, 12, 187-200.	2.6	4
121	Sorption of Polycyclic Aromatic Compounds to Humic Acid As Studied by High-Performance Liquid Chromatography. <i>Environmental Science & Technology</i> , 1997, 31, 1102-1108.	10.0	66
122	Intramolecular hydrogen bonding in 8-quinolinol N-oxides, quinaldinic acid N-oxides and quinoline-2-carboxamide N-oxide. Deuterium isotope effects on ^{13}C chemical shifts. <i>Journal of Molecular Structure</i> , 1997, 436-437, 189-199.	3.6	18
123	Deuterium Isotope Effects on ^{13}C Chemical Shifts of α -Hydroxyacyl Aromatics. Intramolecular Hydrogen Bonding. <i>Magnetic Resonance in Chemistry</i> , 1997, 35, 520-528.	1.9	40
124	Long-Range Intrinsic and Equilibrium Deuterium Isotope Effects on ^{19}F Chemical Shifts.. <i>Acta Chemica Scandinavica</i> , 1997, 51, 881-888.	0.7	24
125	Deuterium Isotope Effects on ^{13}C Chemical Shifts of Enaminones.. <i>Acta Chemica Scandinavica</i> , 1997, 51, 1016-1023.	0.7	23
126	Deuterium-Induced Isotope Effects on ^{13}C Chemical Shifts as a Probe for Tautomerism in Enolic $\hat{\text{I}}^2$ -Diketones. <i>Magnetic Resonance in Chemistry</i> , 1996, 34, 467-478.	1.9	77

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127	Intramolecular hydrogen bonding of the enol forms of β^2 -ketoamides and β^2 -ketothioamides. Deuterium isotope effects on ^{13}C chemical shifts. <i>Journal of Molecular Structure</i> , 1996, 378, 45-59.	3.6	28
128	Intramolecular hydrogen bonding and tautomerism of acylpyran-2,4-diones, -2,4,6-triones and acylpyridinediones and benzannelated derivatives. Deuterium isotope effects on ^{13}C NMR chemical shifts. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1995, , 1901.	0.9	25
129	Deuterium and ^{18}O isotope effects on ^{13}C chemical shifts of sterically hindered and/or intramolecularly hydrogen-bonded hydroxy acyl aromatics. <i>Magnetic Resonance in Chemistry</i> , 1994, 32, 399-408.	1.9	61
130	Ab initio calculations of external charge effects on the isotropic ^{13}C , ^{15}N and ^{17}O nuclear shieldings of amides. <i>Chemical Physics Letters</i> , 1994, 224, 275-282.	2.6	11
131	Hydrogen bonding and tautomerism studied by isotope effects on chemical shifts. <i>Journal of Molecular Structure</i> , 1994, 321, 79-87.	3.6	39
132	Substituent effects on deuterium isotope effects on nuclear shielding of intramolecularly hydrogen-bonded aromatic ketones, aldehydes and esters. <i>Magnetic Resonance in Chemistry</i> , 1993, 31, 23-37.	1.9	58
133	Long-range deuterium isotope effects on ^{13}C chemical shifts of intramolecularly hydrogen-bonded compounds. <i>Purpurogallins</i> . <i>Magnetic Resonance in Chemistry</i> , 1993, 31, 71-74.	1.9	16
134	Variable-temperature NMR studies of 2,6-dihydroxy acylaromatic compounds. Deuterium isotope effects on chemical shifts, isotopic perturbation of equilibrium and barriers to rotation. <i>Magnetic Resonance in Chemistry</i> , 1993, 31, 893-902.	1.9	34
135	$2\Delta\text{H}(\text{D})$ and $1\Delta\text{N}(\text{D})$ Isotope Effects on Nuclear Shielding of Ammonium Ions in Complexes with Crown Ethers and Cryptands.. <i>Acta Chemica Scandinavica</i> , 1993, 47, 777-788.	0.7	11
136	Deuterium isotope effects on ^{13}C nuclear shielding of amino and acetamido compounds. Tautomerism and intramolecular hydrogen bonding. <i>Magnetic Resonance in Chemistry</i> , 1992, 30, 786-795.	1.9	40
137	Ab Initio Calculations of Deuterium Isotope Effects on Hydrogen and Nitrogen Nuclear Magnetic Shielding in the Hydrated Ammonium Ion.. <i>Acta Chemica Scandinavica</i> , 1992, 46, 1065-1071.	0.7	34
138	Hydrogen bonding monitored by deuterium isotope effects on carbonyl ^{13}C chemical shift in BPTI: intra-residue hydrogen bonds in antiparallel β^2 -sheet. <i>International Journal of Biological Macromolecules</i> , 1991, 13, 2-8.	7.5	34
139	Aggregation of amphiphilic molecules in water. I. β -phenylethylamine: ^1H and ^{13}C NMR study. <i>Journal of Physical Organic Chemistry</i> , 1991, 4, 58-66.	1.9	2
140	Long-range deuterium isotope effects in tautomeric β -thioxoketones. ^1H and ^{13}C NMR study. <i>Journal of Physical Organic Chemistry</i> , 1991, 4, 225-232.	1.9	18
141	^1H NMR Spin-echo Spectroscopy of Human Erythrocytes. Transformation of Exogenous Compounds. <i>NMR in Biomedicine</i> , 1990, 3, 248-258.	2.8	7
142	Deuterium Isotope Effects on ^{13}C and ^{15}N Nuclear Shielding in Intramolecularly Hydrogen-Bonded Compounds. Investigation of Enamine Derivatives.. <i>Acta Chemica Scandinavica</i> , 1990, 44, 826-832.	0.7	44
143	A Reinvestigation of One-Bond Deuterium Isotope Effects on Nitrogen and on Proton Nuclear Shielding for the Ammonium Ion.. <i>Acta Chemica Scandinavica</i> , 1989, 43, 222-232.	0.7	20
144	Deuterium Isotope Effects on Carbonyl Carbon Chemical Shifts of BPTI. Hydrogen Bonding and Structure Determination in Proteins.. <i>Acta Chemica Scandinavica</i> , 1989, 43, 710-712.	0.7	13

#	ARTICLE	IF	CITATIONS
145	Isotope effects in nuclear shielding. Progress in Nuclear Magnetic Resonance Spectroscopy, 1988, 20, 207-255.	7.5	250
146	Isotopic Perturbation of Equilibrium in 2,6-Dihydroxybenzoyl Compounds. A ^{13}C and ^1H NMR Investigation.. Acta Chemica Scandinavica, 1988, 42b, 423-432.	0.7	13
147	Carbon-carbon coupling constants of 1-phenylazo-2-naphthol and 2-phenylazo-1-naphthol obtained by the SEMINA-1 technique. Magnetic Resonance in Chemistry, 1986, 24, 772-776.	1.9	21
148	Deuterium isotope effects on the ^{13}C nuclear shielding of intramolecularly hydrogen-bonded systems. Magnetic Resonance in Chemistry, 1986, 24, 903-910.	1.9	58
149	Deuterium isotope effects on ^{14}N and ^{15}N nuclear shielding in simple nitrogen-containing compounds. Magnetic Resonance in Chemistry, 1985, 23, 973-976.	1.9	20
150	Isotope Effects on Nuclear Shielding. Annual Reports on NMR Spectroscopy, 1984, 15, 105-234.	1.5	151
151	Deuterium isotope effects on ^{13}C and ^{15}N nuclear shielding in hydroxyazo dyes. Magnetic Resonance in Chemistry, 1984, 22, 569-572.	0.7	35
152	Deuterium isotope effects on ^{13}C nuclear shielding as a measure of tautomeric equilibria. Magnetic Resonance in Chemistry, 1982, 18, 58-61.	0.7	50
153	CH , CD , CC and HH coupling constants in isotopically enriched cyclobutene. Magnetic Resonance in Chemistry, 1981, 15, 288-293.	0.7	27
154	^{13}C , ^{13}C coupling constants from a mixture of isotopomers (^{13}C) of substituted aromatic compounds; 1-nitronaphthalenes. Magnetic Resonance in Chemistry, 1981, 17, 66-67.	0.7	3
155	^{13}C NMR of polycyclic aromatic compounds. A review. Magnetic Resonance in Chemistry, 1979, 12, 109-142.	0.7	156
156	Substituent Conformational effects in vicinal ^{13}C - ^{13}C spin-spin coupling constants. Magnetic Resonance in Chemistry, 1979, 12, 169-173.	0.7	23
157	Bilirubin Acidity. Titrimetric and ^{13}C NMR Studies.. Acta Chemica Scandinavica, 1979, 33b, 281-293.	0.7	59
158	Nuclear magnetic resonance spectroscopy of $\text{C}\equiv\text{C}$, $\text{C}\equiv\text{O}$, $\text{C}\equiv\text{N}$ and $\text{N}\equiv\text{N}$ double bonds. , 0, , 81-162.		4
159	NMR and IR Spectroscopy of Phenols. , 0, , 333-393.		2
160	Nuclear magnetic resonance of acids and acid derivatives. , 0, , 153-226.		0