Poul Erik Hansen

List of Publications by Year
in descending order

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160	4,434	134610	162838
papers	citations	34 h-index	57 g-index

166	166	166	4226
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Isotope Effects on Chemical Shifts in the Study of Hydrogen Bonds in Small Molecules. Molecules, 2022, 27, 2405.	1.7	5
2	A Spectroscopic Overview of Intramolecular Hydrogen Bonds of NHâ€¦O,S,N Type. Molecules, 2021, 26, 2409.	1.7	15
3	Azoâ€hydrazone molecular switches: Synthesis and NMR conformational investigation. Magnetic Resonance in Chemistry, 2021, 59, 1116-1125.	1.1	5
4	The best <scp>density functional theory</scp> functional for the prediction of ¹H and ¹³C chemical shifts of protonated alkylpyrroles. Journal of Computational Chemistry, 2021, 42, 1248-1262.	1.5	5
5	NMR of Natural Products as Potential Drugs. Molecules, 2021, 26, 3763.	1.7	10
6	Cellular Uptake and Intracellular Phosphorylation of GS-441524: Implications for Its Effectiveness against COVID-19. Viruses, 2021, 13, 1369.	1.5	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. Journal of Molecular Liquids, 2021, 334, 116035.	2.3	6
8	Curcumin analogues for possible cancer treatment A QSAR and partial ordering study. World Journal of Biological and Pharmaceutical Research, 2021, 1, 001-016.	0.0	2
9	Structural Studies of Î²-Diketones and Their Implications on Biological Effects. Pharmaceuticals, 2021, 14, 1189.	1.7	22
10	Photoinduced and ground state conversions in a cyclic Î²-thioxoketone. RSC Advances, 2021, 12, 681-689.	1.7	2
11	NH Stretching Frequencies of Intramolecularly Hydrogen-Bonded Systems: An Experimental and Theoretical Study. Molecules, 2021, 26, 7651.	1.7	12
12	Strong intramolecular hydrogen bonds and steric effects involving Câ•S groups: An NMR and computational study. Magnetic Resonance in Chemistry, 2020, 58, 154-162.	1.1	3
13	Isotope effects on chemical shifts in the study of hydrogen bonded biological systems. Progress in Nuclear Magnetic Resonance Spectroscopy, 2020, 120-121, 109-117.	3.9	5
14	Progress of Bromophenols in Marine Algae from 2011 to 2020: Structure, Bioactivities, and Applications. Marine Drugs, 2020, 18, 411.	2.2	27
15	Oneâ€bond ¹J(¹⁵N,H) coupling constants at sp²â€hybridized nitrogen of Schiff bases, enaminones and similar compounds: A theoretical study. Magnetic Resonance in Chemistry, 2020, 58, 750-762.	1.1	4
16	Structure Identification of Novel Compounds Using Simple IR, 1 H, and 13 C NMR Spectroscopy and Computational Tools. Bulletin of the Korean Chemical Society, 2020, 41, 78-83.	1.0	1
17	Derivatives of usnic acid cause cytostatic effect in Caco-2 cells. Natural Product Research, 2020, 35, 1-7.	1.0	5
18	Computational Prediction of ¹H and ¹³C NMR Chemical Shifts for Protonated Alkylpyrroles: Electron Correlation and Not Solvation is the Salvation. ChemPhysChem, 2019, 20, 78-91.	1.0	15

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19	Stability of the oxidized form of RuLLâ€²(NCS)2 dyes in acetonitrile in the presence of water and pyridines â€“ Why the dye-sensitized solar cell electrolyte should be dry. Solar Energy, 2019, 189, 235-243.	2.9	2
20	Isomerization and aggregation of 2-(2-(2-hydroxy-4-nitrophenyl)hydrazono)-1-phenylbutane-1,3-dione: Recent evidences from theory and experiment. Journal of Molecular Liquids, 2019, 283, 242-248.	2.3	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. Journal of Molecular Structure, 2019, 1184, 233-245.	1.8	11
22	Intramolecular Hydrogen Bonds in Normal and Sterically Compressed o-Hydroxy Aromatic Aldehydes. Isotope Effects on Chemical Shifts and Hydrogen Bond Strength. Molecules, 2019, 24, 4533.	1.7	14
23	A concept for stimulated proton transfer in 1-(phenyldiazenyl)naphthalen-2-ols. Dyes and Pigments, 2018, 156, 91-99.	2.0	13
24	NMR, MP2, and DFT study of thiophenoxyketenimines (oâ€thioâ€Schiff bases): Determination of the preferred form. Magnetic Resonance in Chemistry, 2018, 56, 172-182.	1.1	8
25	Ring current and anisotropy effects on OH chemical shifts in resonance-assisted intramolecular H-bonds. Tetrahedron Letters, 2018, 59, 2288-2292.	0.7	10
26	Structure of a new usnic acid derivative from a deacylating Mannich reaction: NMR studies supported by theoretical calculations of chemical shifts. Magnetic Resonance in Chemistry, 2018, 56, 1094-1100.	1.1	1
27	Greener Friedelâ€Crafts Acylation Using Microwaveâ€Enhanced Reactivity of Bismuth Triflate in the Friedelâ€Crafts Benzoylation of Aromatic Compounds with Benzoic Anhydride. ChemistrySelect, 2017, 2, 571-575.	0.7	7
28	The possible tautomerism of the potential rotary switch 2-(2-(2-Hydroxy-4-nitrophenyl)hydrazono)-1-phenylbutane-1,3-dione. Dyes and Pigments, 2017, 144, 249-261.	2.0	12
29	4-Carboxyl-2,6-dinitrophenylazohydroxynaphthalenes tautomerism NMR re-explained and other methods verified. Dyes and Pigments, 2017, 142, 226-229.	2.0	4
30	NMR and IR Investigations of Strong Intramolecular Hydrogen Bonds. Molecules, 2017, 22, 552.	1.7	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. Journal of Molecular Structure, 2016, 1119, 235-239.	1.8	15
32	A Reinvestigation of the Ionic Liquid Diisopropylethylammonium Formate by NMR and DFT Methods. Journal of Physical Chemistry B, 2016, 120, 11279-11286.	1.2	11
33	Isotope Effects on Chemical Shifts in the Study of Intramolecular Hydrogen Bonds. Molecules, 2015, 20, 2405-2424.	1.7	26
34	A Simple, Effective, Green Method for the Regioselective 3-Acylation of Unprotected Indoles. Molecules, 2015, 20, 19605-19619.	1.7	13
35	Pharmacological Profile of Xanthohumol, a Prenylated Flavonoid from Hops (Humulus lupulus). Molecules, 2015, 20, 754-779.	1.7	174
36	Comment on â€œSpectroscopic studies of ketoâ€“enol tautomeric equilibrium of azo dyesâ€•by M. A. Rauf, S. Hisaindee and N. Saleh, RSC Adv., 2015, 5, 18097. RSC Advances, 2015, 5, 67165-67167.	1.7	4

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37	Determination of the tautomeric equilibria of pyridoyl benzoyl Î²-diketones in the liquid and solid state through the use of deuterium isotope effects on 1H and 13C NMR chemical shifts and spin coupling constants. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 107-112.	2.0	10
38	1,1â€²,1â€²â€²-(2,4,6-Trihydroxybenzene-1,3,5-triyl)triethanone tautomerism revisited. Tetrahedron Letters, 2014, 55, 354-357.	0.7	12
39	Arresting consecutive steps of a photochromic reaction: studies of Î²-thioxoketones combining laser photolysis with NMR detection. Physical Chemistry Chemical Physics, 2014, 16, 9128-9137.	1.3	11
40	Microwave-Assisted Facile and Rapid Friedelâ€“Crafts Benzoylation of Arenes Catalyzed by Bismuth Trifluoromethanesulfonate. Synthetic Communications, 2014, 44, 2921-2929.	1.1	8
41	Detection of salt bridges to lysines in solution in barnase. Chemical Communications, 2013, 49, 9824-9826.	2.2	21
42	The effect of 4-tert-butylpyridine and Li+ on the thermal degradation of TiO2-bound ruthenium dye N719. Solar Energy, 2013, 88, 23-30.	2.9	14
43	Secondary Isotope Effects on ¹³C and ¹⁵N Chemical Shifts of Schiff Bases Revisited. Zeitschrift Fur Physikalische Chemie, 2013, 227, 917-927.	1.4	3
44	Deuterium isotope effects on ¹³C chemical shifts of negatively charged NHâ€¦N systems. Magnetic Resonance in Chemistry, 2013, 51, 683-688.	1.1	4
45	Deuterium Isotope Effects on 13C-NMR Chemical Shifts of 10-Hydroxybenzo[h]quinolines. Molecules, 2013, 18, 4544-4560.	1.7	15
46	On prediction of OH stretching frequencies in intramolecularly hydrogen bonded systems. Journal of Molecular Structure, 2012, 1018, 8-13.	1.8	22
47	Dye-sensitized solar cells and complexes between pyridines and iodines. A NMR, IR and DFT study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 98, 247-251.	2.0	11
48	Oliveridepsidones Aâ€“D, antioxidant depsidones from Garcinia oliveri. Magnetic Resonance in Chemistry, 2012, 50, 242-245.	1.1	9
49	A new chromanone acid from the bark of Calophyllum dryobalanoides. Phytochemistry Letters, 2012, 5, 287-291.	0.6	10
50	Ab Initio Calculations of Deuterium Isotope Effects on Chemical Shifts of Salt-Bridged Lysines. Journal of Physical Chemistry B, 2011, 115, 3208-3215.	1.2	20
51	Bromophenols in Marine Algae and Their Bioactivities. Marine Drugs, 2011, 9, 1273-1292.	2.2	208
52	OH stretching frequencies in systems with intramolecular hydrogen bonds: Harmonic and anharmonic analyses. Chemical Physics, 2011, 389, 107-115.	0.9	30
53	A 19F NMR study of Câ€“Iâ‹¯Ï€ halogen bonding. Chemical Physics, 2011, 381, 5-10.	0.9	47
54	Acetyl cedrene and its follower. An Isotopic, NMR and MS Structure elucidation and deuteriation study. Journal of Labelled Compounds and Radiopharmaceuticals, 2011, 54, 126-131.	0.5	4

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55	Photovoltaic Performance and Characteristics of Dyeâ€Sensitized Solar Cells Prepared with the N719 Thermal Degradation Products [Ru(LH)₂(NCS)(4â€tertâ€butylpyridine)][N(Bu)₄] and [Ru(LH)₂(NCS)(1â€methylbenzimidazole)][N(Bu)₄]. European Journal of [illegible].	1.0	35
56	Deuterium Isotope Effects on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn mathvariant="bold">14,15</mml:mn></mml:mrow><mml:mrow><mml:mtext>N</mml:mtext></mml:mrow></mml:math> Chemical Shifts of Ammonium Ions: A Solid State NMR Study. International Journal of Inorganic Chemistry, 2011, 2011, 1-4.	0.6	2
57	Trichloromethyl compounds â€" Natural background concentrations and fates within and below coniferous forests. Science of the Total Environment, 2010, 408, 6223-6234.	3.9	20
58	Deuterium isotope effects on 13C and 15N chemical shifts of intramolecularly hydrogen-bonded enaminocarbonyl derivatives of Meldrumâ€™s and Tetronic acid. Journal of Molecular Structure, 2010, 976, 377-391.	1.8	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.	1.7	26
60	Methodological problems in determining TCAA in soilsâ€"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	13C-NMR Chemical Shift Databases as a Quick Tool to Evaluate Structural Models of Humic Substances~!2010-01-15~!2010-02-02~!2010-06-18~!. 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.	1.1	16
63	Deuterium isotope effects on 15N backbone chemical shifts in proteins. Journal of Biomolecular NMR, 2009, 44, 119-126.	1.6	26
64	Characterization of Salt Bridges to Lysines in the Protein G B1 Domain. Journal of the American Chemical Society, 2009, 131, 4674-4684.	6.6	61
65	The influence of organic matter on sorption and fate of glyphosate in soil â€“ Comparing different soils and humic substances. Environmental Pollution, 2009, 157, 2865-2870.	3.7	104
66	Cytotoxic Geranylated Xanthones and O-Alkylated Derivatives of .ALPHA.-Mangostin. Chemical and Pharmaceutical Bulletin, 2009, 57, 830-834.	0.6	32
67	Secondary thioamide group deformations in different surroundings: The case of intramolecular NHÂ·Â·Â·N hydrogen bond â€“ An X-ray study combined with theoretical calculations. Journal of Molecular Structure, 2008, 892, 438-445.	1.8	5
68	Deuterium isotope effects on ¹³C chemical shifts of nitromalonamide. Magnetic Resonance in Chemistry, 2008, 46, 726-729.	1.1	14
69	Binding of Topotecan to a Nicked DNA Oligomer in Solution. Chemistry - A European Journal, 2008, 14, 2788-2794.	1.7	29
70	Density Functional Theory Study of Intramolecular Hydrogen Bonding and Proton Transfer ino-Hydroxyaryl Ketimines. Journal of Physical Chemistry A, 2008, 112, 3478-3485.	1.1	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.	4.6	32
72	Intramolecular Hydrogen Bonding of 5-Acyl-3-methylrhodanines. Zeitschrift Fur Physikalische Chemie, 2008, 222, 1213-1223.	1.4	4

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73	Long-Range Deuterium Isotope Effects on 13C Chemical Shifts of Intramolecularly Hydrogen-Bonded N-Substituted 3-(Cycloamine)thiopropionamides or Amides:â€‰ A Case of Electric Field Effects. Journal of Organic Chemistry, 2007, 72, 4108-4116.	1.7	18
74	Conformational and tautomeric eccentricities of 2-acetyl-1,8-dihydroxynaphthalenes. Magnetic Resonance in Chemistry, 2007, 45, 106-117.	1.1	17
75	Intramolecular hydrogen bonding of novelo-hydroxythioacetophenones and related compounds evaluated by deuterium isotope effects on13C chemical shifts. Magnetic Resonance in Chemistry, 2007, 45, 245-252.	1.1	19
76	Isotope effect on chemical shifts in hydrogenâ€bonded systems. Journal of Labelled Compounds and Radiopharmaceuticals, 2007, 50, 967-981.	0.5	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. Journal of Molecular Structure, 2007, 844-845, 77-82.	1.8	10
78	Intramolecular hydrogen bonding of o-hydroxyesters and related compounds evaluated by deuterium isotope effects on 13C chemical shifts and principal component analysis. Journal of Molecular Structure, 2007, 844-845, 300-307.	1.8	4
79	Photochromism in p-methylbenzoylthioacetone and related Î²-thioxoketones. Chemical Physics, 2007, 338, 11-22.	0.9	10
80	Strong intramolecular hydrogen bonding involving nitro- and acetyl groups. Deuterium isotope effects on chemical shifts. Journal of Molecular Structure, 2006, 789, 81-91.	1.8	32
81	A spectrochemometric approach to tautomerism and hydrogen-bonding in 3-acyltetronic acids. Journal of Molecular Structure, 2006, 790, 80-88.	1.8	18
82	Preparation and structural characterization of a new class of stable thioketones: ortho-hydroxythioacetophenones. Tetrahedron Letters, 2006, 47, 8433-8435.	0.7	19
83	Photochromism and polarization spectroscopy of p-methyl(thiobenzoyl)acetone. Chemical Physics, 2006, 328, 205-215.	0.9	9
84	Steric compression and twist in o-hydroxy acyl aromatics with intramolecular hydrogen bonding. Journal of Molecular Structure, 2005, 749, 155-168.	1.8	35
85	New deuterium isotope effects on 13C and 19F chemical shifts across intramolecular hydrogen bonds of non-resonance assisted systems. Tetrahedron Letters, 2005, 46, 839-842.	0.7	9
86	Schiff bases of gossypol: an NMR and DFT study. Magnetic Resonance in Chemistry, 2005, 43, 302-308.	1.1	39
87	Variable-temperature NMR study of the enol forms of benzoylacetones. Magnetic Resonance in Chemistry, 2005, 43, 992-998.	1.1	25
88	Factor Analysis of Deuterium Isotope Effects on13C NMR Chemical Shifts in Schiff Bases. Chemistry - A European Journal, 2005, 11, 4758-4766.	1.7	17
89	NMR and IR Spectroscopy of Phenols. ChemInform, 2005, 36, no.	0.1	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 Glomus intraradices studied by in vivo 31 P NMR spectroscopy. New Phytologist, 2004, 162, 783-794.	3.5	66
92	Studies based on deuterium isotope effect on 13C chemical shifts. Progress in Nuclear Magnetic Resonance Spectroscopy, 2004, 45, 1-29.	3.9	55
93	Thioacetylacetone: Structural and Vibrational Assignments. ChemPhysChem, 2004, 5, 495-502.	1.0	21
94	Multiple Binding Modes of the Camptothecin Family to DNA Oligomers. Chemistry - A European Journal, 2004, 10, 5776-5787.	1.7	25
95	Temperature coefficient of NH chemical shifts of thioamides and amides in relation to structure. Journal of Molecular Structure, 2004, 700, 91-103.	1.8	26
96	Characterisation of the PT-form of o-hydroxy acylaromatic Schiff bases by NMR spectroscopy and DFT calculations. Journal of Molecular Structure, 2004, 707, 69-75.	1.8	21
97	The application of highâ€performance liquid chromatography humic acid columns in determination of K_{oc} of polycyclic aromatic compounds. Environmental Toxicology and Chemistry, 2003, 22, 741-745.	2.2	6
98	Magnetic susceptibility: Solutions, emulsions, and cells. Concepts in Magnetic Resonance, 2003, 18A, 56-71.	1.3	87
99	Solution and solid state13C NMR and X-ray studies of genistein complexes with amines. Potential biological function of the C-7, C-5, and C-4â€²-OH groups. Organic and Biomolecular Chemistry, 2003, 1, 3578-3585.	1.5	24
100	The tautomeric equilibrium and stereochemistry of Î²-sulfonyl enamines. New Journal of Chemistry, 2002, 26, 1060-1069.	1.4	6
101	Reverse quantitative structureâ€“activity relationship for modelling the sorption of esfenvalerate to dissolved organic matter. Chemosphere, 2002, 49, 1317-1325.	4.2	19
102	Deuterium isotope effects on 15N, 13C and 1H chemical shifts of proton sponges. Journal of Molecular Structure, 2002, 615, 121-140.	1.8	29
103	Sorption of Polycyclic Aromatic Compounds to Humic and Fulvic Acid HPLC Column Materials. Journal of Environmental Quality, 2001, 30, 526-537.	1.0	25
104	1 H NMR of compounds with low water solubility in the presence of erythrocytes: effects of emulsion phase separation. European Biophysics Journal, 2001, 30, 69-74.	1.2	5
105	The structure of the phototransformation product of monothiodibenzoylmethane. Chemical Physics Letters, 2001, 350, 502-508.	1.2	24
106	Reactivity and diastereoselectivity of Michael additions of amines to achiral Î±,Î²-unsaturated thioamides. Tetrahedron, 2001, 57, 8705-8718.	1.0	12
107	Isotope effects on chemical shifts of proteins and peptides. Magnetic Resonance in Chemistry, 2000, 38, 1-10.	1.1	45
108	Primary tritium and deuterium isotope effects on chemical shifts of compounds having an intramolecular hydrogen bond. Magnetic Resonance in Chemistry, 2000, 38, 525-535.	1.1	27

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109	Application of the HECADE method to the measurement of long-range heteronuclear13C,1H spin-spin coupling constants in tautomeric Î²-sulfonylenamines. Magnetic Resonance in Chemistry, 2000, 38, 839-844.	1.1	6
110	Variable temperature 1H and 13C NMR spectroscopic investigation of the enolâ€“enethiol tautomerism of Î²-thioxoketones. Isotope effects due to deuteron chelation. Journal of Molecular Structure, 2000, 552, 45-62.	1.8	35
111	31P NMR for the study of P metabolism and translocation in arbuscular mycorrhizal fungi. Plant and Soil, 2000, 226, 245-253.	1.8	50
112	Letter to the editor: Sequence-specific resonance assignments of the potent cytolysin equinatoxin II. Journal of Biomolecular NMR, 2000, 18, 281-282.	1.6	8
113	Isotope Effects on Chemical Shifts as an Analytical Tool in Structural Studies of Intramolecular Hydrogen Bonded Compounds. Current Organic Chemistry, 2000, 4, 19-54.	0.9	73
114	Deuterium isotope effects on 17 O chemical shifts of intramolecularly hydrogen bonded systems. Journal of Molecular Structure, 1999, 509, 171-181.	1.8	21
115	Deuterium isotope effects on 13C chemical shifts of intramolecularly hydrogen-bonded Schiff bases. Journal of the Chemical Society Perkin Transactions II, 1999, , 2809-2817.	0.9	70
116	Unraveling the Electronic and Vibrational Contributions to Deuterium Isotope Effects on13C Chemical Shifts Using ab Initio Model Calculations. Analysis of the Observed Isotope Effects on Sterically Perturbed Intramolecular Hydrogen-Bondedo-Hydroxy Acyl Aromatics. Journal of the American Chemical Society, 1998, 120, 9063-9069.	6.6	84
117	Oneâ€bond deuterium isotope effects on ¹⁵N chemical shifts in Schiff bases. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 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 on13C chemical shifts. Magnetic Resonance in Chemistry, 1998, 36, 315-324.	1.1	42
119	17O chemical shifts and deuterium isotope effects on13C chemical shifts of intramolecularly hydrogen-bonded compounds. Magnetic Resonance in Chemistry, 1998, 36, 921-928.	1.1	32
120	Determination ofK_{ow}of Substituted Polycyclic Aromatic Compounds. Polycyclic Aromatic Compounds, 1997, 12, 187-200.	1.4	4
121	Sorption of Polycyclic Aromatic Compounds to Humic Acid As Studied by High-Performance Liquid Chromatography. Environmental Science & Technology, 1997, 31, 1102-1108.	4.6	66
122	Intramolecular hydrogen bonding in 8-quinolinol N-oxides, quinaldinic acid N-oxides and quinoline-2-carboxyamide N-oxide. Deuterium isotope effects on 13C chemical shifts. Journal of Molecular Structure, 1997, 436-437, 189-199.	1.8	18
123	Deuterium Isotope Effects on13C Chemical Shifts ofo-Hydroxyacyl Aromatics. Intramolecular Hydrogen Bonding. Magnetic Resonance in Chemistry, 1997, 35, 520-528.	1.1	40
124	Long-Range Intrinsic and Equilibrium Deuterium Isotope Effects on 19F Chemical Shifts.. Acta Chemica Scandinavica, 1997, 51, 881-888.	0.7	24
125	Deuterium Isotope Effects on 13C Chemical Shifts of Enaminones.. Acta Chemica Scandinavica, 1997, 51, 1016-1023.	0.7	23
126	Deuterium-Induced Isotope Effects on13C Chemical Shifts as a Probe for Tautomerism in Enolic Î²-Diketones. Magnetic Resonance in Chemistry, 1996, 34, 467-478.	1.1	77

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127	Intramolecular hydrogen bonding of the enol forms of Î²-ketoamides and Î²-ketothioamides. Deuterium isotope effects on 13C chemical shifts. Journal of Molecular Structure, 1996, 378, 45-59.	1.8	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 13C NMR chemical shifts. Journal of the Chemical Society Perkin Transactions II, 1995, , 1901.	0.9	25
129	Deuterium and18O isotope effects on13C chemical shifts of sterically hindered and/or intramolecularly hydrogen-bondedo-hydroxy acyl aromatics. Magnetic Resonance in Chemistry, 1994, 32, 399-408.	1.1	61
130	Ab initio calculations of external charge effects on the isotropic 13C, 15N and 17O nuclear shieldings of amides. Chemical Physics Letters, 1994, 224, 275-282.	1.2	11
131	Hydrogen bonding and tautomerism studied by isotope effects on chemical shifts. Journal of Molecular Structure, 1994, 321, 79-87.	1.8	39
132	Substituent effects on deuterium isotope effects on nuclear shielding of intramolecularly hydrogen-bonded aromatic ketones, aldehydes and esters. Magnetic Resonance in Chemistry, 1993, 31, 23-37.	1.1	58
133	Long-range deuterium isotope effects on13C chemical shifts of intramolecularly hydrogen-bonded compounds. Purpurogallins. Magnetic Resonance in Chemistry, 1993, 31, 71-74.	1.1	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. Magnetic Resonance in Chemistry, 1993, 31, 893-902.	1.1	34
135	2DeltaH(D) and 1DeltaN(D) Isotope Effects on Nuclear Shielding of Ammonium Ions in Complexes with Crown Ethers and Cryptands.. Acta Chemica Scandinavica, 1993, 47, 777-788.	0.7	11
136	Deuterium isotope effects on13C nuclear shielding of amino and acetamido compounds. Tautomerism and intramolecular hydrogen bonding. Magnetic Resonance in Chemistry, 1992, 30, 786-795.	1.1	40
137	Ab Initio Calculations of Deuterium Isotope Effects on Hydrogen and Nitrogen Nuclear Magnetic Shielding in the Hydrated Ammonium Ion.. Acta Chemica Scandinavica, 1992, 46, 1065-1071.	0.7	34
138	Hydrogen bonding monitored by deuterium isotope effects on carbonyl 13C chemical shift in BPTI: intra-residue hydrogen bonds in antiparallel Î²-sheet. International Journal of Biological Macromolecules, 1991, 13, 2-8.	3.6	34
139	Aggregation of amphiphilic molecules in water. I. ?-phenylethylamine:1H and13C NMR study. Journal of Physical Organic Chemistry, 1991, 4, 58-66.	0.9	2
140	Long-range deuterium isotope effects in tautomeric ?-thioxoketones. A1H and13C NMR study. Journal of Physical Organic Chemistry, 1991, 4, 225-232.	0.9	18
141	1H NMR Spin-echo Spectroscopy of Human Erythrocytes. Transformation of Exogenous Compounds. NMR in Biomedicine, 1990, 3, 248-258.	1.6	7
142	Deuterium Isotope Effects on 13C and 15N Nuclear Shielding in Intramolecularly Hydrogen-Bonded Compounds. Investigation of Enamine Derivatives.. Acta Chemica Scandinavica, 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.. Acta Chemica Scandinavica, 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.. Acta Chemica Scandinavica, 1989, 43, 710-712.	0.7	13

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145	Isotope effects in nuclear shielding. Progress in Nuclear Magnetic Resonance Spectroscopy, 1988, 20, 207-255.	3.9	250
146	Isotopic Perturbation of Equilibrium in 2,6-Dihydroxybenzoyl Compounds. A 13C and 1 H 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.	1.1	21
148	Deuterium isotope effects on the13C nuclear shielding of intramolecularly hydrogen-bonded systems. Magnetic Resonance in Chemistry, 1986, 24, 903-910.	1.1	58
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