

# Bas R Leeflang

## List of Publications by Year in descending order

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41  
papers

1,833  
citations

257450

24  
h-index

276875

41  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1830  
citing authors

#	ARTICLE	IF	CITATIONS
1	C-Mannosylation Enhances the Structural Stability of Human RNase 2. <i>IScience</i> , 2020, 23, 101371.	4.1	17
2	EUROCarbDB: An open-access platform for glycoinformatics. <i>Glycobiology</i> , 2011, 21, 493-502.	2.5	116
3	Insights into the Dynamics and Molecular Recognition Features of Glycopeptides by Protein Receptors: The 3D Solution Structure of Hevein Bound to the Trisaccharide Core of <i>N</i> -Glycoproteins. <i>Chemistry - A European Journal</i> , 2010, 16, 10715-10726.	3.3	16
4	Development of a <sup>1</sup> H NMR structural-reporter-group concept for the primary structural characterisation of $\alpha$ -D-glucans. <i>Carbohydrate Research</i> , 2008, 343, 1114-1119.	2.3	100
5	High-level expression of biologically active glycoprotein hormones in <i>Pichia pastoris</i> strains: selection of strain GS115, and not X-33, for the production of biologically active N-glycosylated <sup>15</sup> N-labeled phCG. <i>Glycoconjugate Journal</i> , 2008, 25, 245-257.	2.7	28
6	The Structural Basis of the Difference in Sensitivity for PNGase F in the De-N-glycosylation of the Native Bovine Pancreatic Ribonucleases B and BS. <i>Biochemistry</i> , 2008, 47, 3435-3446.	2.5	18
7	N-glycans of recombinant human acid $\alpha$ -glucosidase expressed in the milk of transgenic rabbits. <i>Glycobiology</i> , 2007, 17, 600-619.	2.5	20
8	Conformational Studies on Five Octasaccharides Isolated from Chondroitin Sulfate Using NMR Spectroscopy and Molecular Modeling. <i>Biochemistry</i> , 2007, 46, 1167-1175.	2.5	38
9	The European Lipidomics Initiative: Enabling Technologies. <i>Methods in Enzymology</i> , 2007, 432, 213-232.	1.0	25
10	Conformational analysis in aqueous solution and estimation of the persistence length of exopolysaccharides produced by <i>Lactobacillus helveticus</i> Lh59 and <i>Streptococcus macedonicus</i> Sc136. <i>Canadian Journal of Chemistry</i> , 2006, 84, 730-742.	1.1	7
11	Oligosaccharides and Cellulose Crystal Surfaces: Computer Simulations. <i>ACS Symposium Series</i> , 2006, , 133-155.	0.5	5
12	NMR in the SPINE Structural Proteomics project. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006, 62, 1150-1161.	2.5	12
13	Characterization of the N-linked oligosaccharides from human chorionic gonadotropin expressed in the methylotrophic yeast <i>Pichia pastoris</i> . <i>Glycoconjugate Journal</i> , 2006, 24, 33-47.	2.7	33
14	The <i>Giardia intestinalis</i> filamentous cyst wall contains a novel $\alpha$ (1-3)-N-acetyl-D-galactosamine polymer: a structural and conformational study. <i>Glycobiology</i> , 2002, 12, 499-505.	2.5	95
15	Oxygenated Metabolites of Anandamide and 2-Arachidonoylglycerol: Conformational Analysis and Interaction with Cannabinoid Receptors, Membrane Transporter, and Fatty Acid Amide Hydrolase. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 3709-3720.	6.4	136
16	Ion trap multiple-stage tandem mass spectrometry as a pre-NMR tool in the structure elucidation of saponins. <i>Phytochemical Analysis</i> , 2000, 11, 190-198.	2.4	18
17	Conformational analysis of the Sd(a) determinant-containing tetrasaccharide and two mimics in aqueous solution by using <sup>1</sup> H NMR ROESY spectroscopy in combination with MD simulations. <i>Journal of Biomolecular NMR</i> , 2000, 16, 59-77.	2.8	6
18	A Force Field for Phosphoric Acid: Comparison of Simulated with Experimental Data in the Solid and Liquid State. <i>Journal of Physical Chemistry A</i> , 2000, 104, 7333-7338.	2.5	27

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19	Structure elucidation of glycoprotein glycans and of polysaccharides by NMR spectroscopy. <i>Journal of Biotechnology</i> , 2000, 77, 115-122.	3.8	26
20	Mobilities of the Inner Three Core Residues and the Man( $\alpha$ 6) Branch of the Glycan at Asn78 of the $\alpha$ -Subunit of Human Chorionic Gonadotropin Are Restricted by the Protein. <i>Biochemistry</i> , 1998, 37, 1933-1940.	2.5	51
21	NMR Studies of the Free $\alpha$ Subunit of Human Chorionic Gonadotropin. Structural Influences of N-Glycosylation and the $\beta$ Subunit on the Conformation of the $\alpha$ Subunit. <i>FEBS Journal</i> , 1996, 241, 229-242.	0.2	75
22	Podacycline A and B, two cyclic peptides in the latex of <i>Jatropha podagrica</i> . <i>Phytochemistry</i> , 1996, 42, 129-133.	2.9	35
23	Cyclogossine A: A Novel Cyclic Heptapeptide Isolated from the Latex of <i>Jatropha gossypifolia</i> . <i>Planta Medica</i> , 1996, 62, 46-50.	1.3	36
24	Curcacycline A - a novel cyclic octapeptide isolated from the latex of <i>Jatropha curcas</i> L. <i>FEBS Letters</i> , 1995, 358, 215-218.	2.8	98
25	Intramolecular versus intermolecular hydrogen bonding in solution. <i>Journal of Molecular Structure</i> , 1994, 322, 27-31.	3.6	27
26	Conformational analysis of methyl $\beta$ -D-cellobioside by ROESY NMR spectroscopy and MD simulations in combination with the CROSREL method. <i>Carbohydrate Research</i> , 1993, 245, 21-42.	2.3	50
27	Structural characterisation of the exopolysaccharide produced by <i>Lactobacillus delbrueckii</i> subspecies <i>bulgaricus</i> grown in skimmed milk. <i>Carbohydrate Research</i> , 1993, 239, 209-226.	2.3	128
28	NMR spectroscopy of nystose. <i>Carbohydrate Research</i> , 1993, 243, 379-384.	2.3	20
29	MD Calculations on Nystose Combined with NMR Spectroscopy on Inulin Related Oligosaccharides. <i>Journal of Carbohydrate Chemistry</i> , 1993, 12, 969-979.	1.1	16
30	Conformational analysis of the $\alpha$ -L-arabinofuranosides present in wheat arabinoxylans from proton-proton coupling constants. <i>Journal of the American Chemical Society</i> , 1992, 114, 3710-3714.	13.7	40
31	A $^1\text{H}$ -NMR and MD study of intramolecular hydrogen bonds in methyl $\beta$ -D-cellobioside. <i>Carbohydrate Research</i> , 1992, 230, 41-61.	2.3	102
32	CROSREL: Full relaxation matrix analysis for NOESY and ROESY NMR spectroscopy. <i>Journal of Biomolecular NMR</i> , 1992, 2, 495-518.	2.8	71
33	Application of 2D and 3D NMR experiments to the conformational study of a diantennary oligosaccharide. <i>Journal of Biomolecular NMR</i> , 1992, 2, 211-226.	2.8	34
34	Structure of the exopolysaccharide produced by <i>Lactococcus lactis</i> subspecies <i>cremoris</i> H414 grown in a defined medium or skimmed milk. <i>Carbohydrate Research</i> , 1992, 231, 273-291.	2.3	87
35	$^1\text{H}$ -NMR spectroscopy of O-carboxymethyl derivatives of D-glucose. <i>Carbohydrate Research</i> , 1992, 228, 433-437.	2.3	10
36	Characterisation by $^1\text{H}$ -NMR spectroscopy of oligosaccharides, derived from arabinoxylans of white $^1\text{H}$ or $^1\text{H}$ . <i>Carbohydrate Research</i> , 1991, 221, 63-81.	2.3	101

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37	Conformational studies on the Nâ€linked carbohydrate chain of bromelain. FEBS Journal, 1990, 190, 113-122.	0.2	58
38	ROESY studies and HSEA calculations on xylose-containing oligosaccharides related to N-glycoproteins. Carbohydrate Research, 1990, 208, 117-126.	2.3	8
39	Relayed NOE experiments for discrimination of exchange effects of overlapping labile protons. Journal of Magnetic Resonance, 1990, 89, 615-619.	0.5	3
40	The crystal and molecular structure of an intensely sweet chlorodeoxysucrose; 4,1â€²,6â€²-trichloro-4,1â€²,6â€²-trideoxy-galacto-sucrose. Carbohydrate Research, 1988, 180, 175-182.	2.3	30
41	Conformational aspects of malic acid: A multidisciplinary approach. Journal of Molecular Structure, 1988, 189, 65-80.	3.6	8