

# Jurgen F Doreleijers

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

2,941  
citations

516710

16  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

4858  
citing authors

#	ARTICLE	IF	CITATIONS
1	BioMagResBank. <i>Nucleic Acids Research</i> , 2007, 36, D402-D408.	14.5	1,450
2	RECOORD: A recalculated coordinate database of 500+ proteins from the PDB using restraints from the BioMagResBank. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 59, 662-672.	2.6	323
3	WeNMR: Structural Biology on the Grid. <i>Journal of Grid Computing</i> , 2012, 10, 743-767.	3.9	170
4	Remediation of the protein data bank archive. <i>Nucleic Acids Research</i> , 2007, 36, D426-D433.	14.5	136
5	Quality assessment of NMR structures: a statistical survey. <i>Journal of Molecular Biology</i> , 1998, 281, 149-164.	4.2	106
6	CING: an integrated residue-based structure validation program suite. <i>Journal of Biomolecular NMR</i> , 2012, 54, 267-283.	2.8	106
7	DRESS: a database of REfined solution NMR structures. <i>Proteins: Structure, Function and Bioinformatics</i> , 2004, 55, 483-486.	2.6	91
8	BioMagResBank database with sets of experimental NMR constraints corresponding to the structures of over 1400 biomolecules deposited in the Protein Data Bank. <i>Journal of Biomolecular NMR</i> , 2003, 26, 139-146.	2.8	84
9	CASD-NMR: critical assessment of automated structure determination by NMR. <i>Nature Methods</i> , 2009, 6, 625-626.	19.0	80
10	Blind Testing of Routine, Fully Automated Determination of Protein Structures from NMR Data. <i>Structure</i> , 2012, 20, 227-236.	3.3	75
11	Completeness of NOEs in protein structure: a statistical analysis of NMR. <i>Journal of Biomolecular NMR</i> , 1999, 14, 123-132.	2.8	66
12	BioMagResBank databases DOCR and FRED containing converted and filtered sets of experimental NMR restraints and coordinates from over 500 protein PDB structures. <i>Journal of Biomolecular NMR</i> , 2005, 32, 1-12.	2.8	50
13	Solution Structure of the Immunodominant Region of Protein G of Bovine Respiratory Syncytial Virus. <i>Biochemistry</i> , 1996, 35, 14684-14688.	2.5	38
14	NRG-CING: integrated validation reports of remediated experimental biomolecular NMR data and coordinates in wwPDB. <i>Nucleic Acids Research</i> , 2012, 40, D519-D524.	14.5	34
15	An overview of tools for the validation of protein NMR structures. <i>Journal of Biomolecular NMR</i> , 2014, 58, 259-285.	2.8	34
16	The NMR restraints grid at BMRB for 5,266 protein and nucleic acid PDB entries. <i>Journal of Biomolecular NMR</i> , 2009, 45, 389-396.	2.8	26
17	Validation of nuclear magnetic resonance structures of proteins and nucleic acids: Hydrogen geometry and nomenclature. , 1999, 37, 404-416.		21
18	Joint refinement as a tool for thorough comparison between NMR and X-ray data and structures of HU protein. <i>Journal of Biomolecular NMR</i> , 2001, 21, 235-248.	2.8	16

#	ARTICLE	IF	CITATIONS
19	Structure and mechanism of formation of the H-y5 isomer of an intramolecular DNA triple helix. <i>Nature Structural Biology</i> , 1999, 6, 854-859.	9.7	15
20	Solution structure of T4moC, the Rieske ferredoxin component of the toluene 4-monoxygenase complex. <i>Journal of Biological Inorganic Chemistry</i> , 2004, 9, 945-953.	2.6	11
21	Overview on the Use of NMR to Examine Protein Structure. <i>Current Protocols in Protein Science</i> , 2011, 64, Unit17.5.	2.8	9