Roberta Pierattelli

List of Publications by Year
in descending order

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139 papers	6,565 citations	53660 45 h-index	76769 74 g-index
153 all docs	153 docs citations	153 times ranked	5117 citing authors

#	Article	IF	Citations
1	NMR Spectroscopy of Paramagnetic Metalloproteins. ChemBioChem, 2005, 6, 1536-1549.	1.3	289
2	High-resolution NMR studies of the zinc-binding site of the Alzheimer's amyloid Î²-peptide. FEBS Journal, 2007, 274, 46-59.	2.2	226
3	13C-detected protonless NMR spectroscopy of proteins in solution. Progress in Nuclear Magnetic Resonance Spectroscopy, 2006, 48, 25-45.	3.9	210
4	The Atx1-Ccc2 complex is a metal-mediated protein-protein interaction. Nature Chemical Biology, 2006, 2, 367-368.	3.9	204
5	pE-DB: a database of structural ensembles of intrinsically disordered and of unfolded proteins. Nucleic Acids Research, 2014, 42, D326-D335.	6.5	195
6	Protonless NMR Experiments for Sequence-Specific Assignment of Backbone Nuclei in Unfolded Proteins. Journal of the American Chemical Society, 2006, 128, 3918-3919.	6.6	176
7	Structure and backbone dynamics of a microcrystalline metalloprotein by solid-state NMR. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11095-11100.	3.3	173
8	Complete Assignment of Heteronuclear Protein Resonances by Protonless NMR Spectroscopy. Angewandte Chemie - International Edition, 2005, 44, 3089-3092.	7.2	162
9	Fast Resonance Assignment and Fold Determination of Human Superoxide Dismutase by Highâ€Resolution Protonâ€Detected Solidâ€State MAS NMR Spectroscopy. Angewandte Chemie - International Edition, 2011, 50, 11697-11701.	7.2	157
10	Carbonic anhydrase inhibitors. Part 37. Novel classes of isozyme I and II inhibitors and their mechanism of action. Kinetic and spectroscopic investigations on native and cobalt-substituted enzymes. European Journal of Medicinal Chemistry, 1996, 31, 1001-1010.	2.6	155
11	Conformational Space of Flexible Biological Macromolecules from Average Data. Journal of the American Chemical Society, 2010, 132, 13553-13558.	6.6	155
12	Novel 13C direct detection experiments, including extension to the third dimension, to perform the complete assignment of proteins. Journal of Magnetic Resonance, 2006, 178, 56-64.	1.2	116
13	Fast acquisition of multi-dimensional spectra in solid-state NMR enabled by ultra-fast MAS. Journal of Magnetic Resonance, 2009, 196, 133-141.	1.2	109
14	13C Direct Detection Experiments on the Paramagnetic Oxidized Monomeric Copper, Zinc Superoxide Dismutase. Journal of the American Chemical Society, 2003, 125, 16423-16429.	6.6	107
15	Perspectives in paramagnetic NMR of metalloproteins. Dalton Transactions, 2008, , 3782.	1.6	107
16	Solid-State NMR Spectroscopy of a Paramagnetic Protein: Assignment and Study of Human Dimeric Oxidized CuIIâ€“ZnII Superoxide Dismutase (SOD). Angewandte Chemie - International Edition, 2007, 46, 1079-1082.	7.2	100
17	The three-dimensional structure in solution of the paramagnetic high-potential iron-sulfur protein I from Ectothiorhodospira halophila through nuclear magnetic resonance. FEBS Journal, 1994, 225, 715-725.	0.2	99
18	Structural Information through NMR Hyperfine Shifts in Blue Copper Proteins. Journal of the American Chemical Society, 2000, 122, 3701-3707.	6.6	95

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19	Small-molecule sequestration of amyloid-Î² as a drug discovery strategy for Alzheimerâ€™s disease. Science Advances, 2020, 6, .	4.7	95
20	H-start for exclusively heteronuclear NMR spectroscopy: The case of intrinsically disordered proteins. Journal of Magnetic Resonance, 2009, 198, 275-281.	1.2	90
21	Speeding Up ¹³C Direct Detection Biomolecular NMR Spectroscopy. Journal of the American Chemical Society, 2009, 131, 15339-15345.	6.6	88
22	Band-Selective¹Hâ^'¹³C Cross-Polarization in Fast Magic Angle Spinning Solid-State NMR Spectroscopy. Journal of the American Chemical Society, 2008, 130, 17216-17217.	6.6	81
23	Magic Angle Spinning NMR of Paramagnetic Proteins. Accounts of Chemical Research, 2013, 46, 2108-2116.	7.6	78
24	Side chain to main chain hydrogen bonds stabilize a polyglutamine helix in a transcription factor. Nature Communications, 2019, 10, 2034.	5.8	78
25	13Câ^'13C NOESY:Â An Attractive Alternative for Studying Large Macromolecules. Journal of the American Chemical Society, 2004, 126, 464-465.	6.6	74
26	The crowd you're in with: Effects of different types of crowding agents on protein aggregation. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 346-357.	1.1	74
27	NMR Spectroscopic Studies of Intrinsically Disordered Proteins at Nearâ€Physiological Conditions. Angewandte Chemie - International Edition, 2013, 52, 11808-11812.	7.2	71
28	NMR Methods for the Study of Instrinsically Disordered Proteins Structure, Dynamics, and Interactions: General Overview and Practical Guidelines. Advances in Experimental Medicine and Biology, 2015, 870, 49-122.	0.8	69
29	Structural and Mechanistic Implications of Metal Binding in the Small Heat-shock Protein Î±B-crystallin. Journal of Biological Chemistry, 2012, 287, 1128-1138.	1.6	67
30	Speeding up sequence specific assignment of IDPs. Journal of Biomolecular NMR, 2012, 53, 293-301.	1.6	66
31	Novel methods based on 13C detection to study intrinsically disordered proteins. Journal of Magnetic Resonance, 2014, 241, 115-125.	1.2	65
32	The Ambivalent Role of Proline Residues in an Intrinsically Disordered Protein: From Disorder Promoters to Compaction Facilitators. Journal of Molecular Biology, 2020, 432, 3093-3111.	2.0	65
33	Analysis of the Temperature Dependence of the1H and13C Isotropic Shifts of Horse Heart Ferricytochromec:Â Explanation of Curie and Anti-Curie Temperature Dependence and Nonlinear Pseudocontact Shifts in a Common Two-Level Framework. Journal of the American Chemical Society, 1998, 120, 8472-8479.	6.6	64
34	¹³C Directâ€detection biomolecular NMR. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2008, 32A, 183-200.	0.2	62
35	Sequence Context Influences the Structure and Aggregation Behavior of a PolyQ Tract. Biophysical Journal, 2016, 110, 2361-2366.	0.2	58
36	¹³C Directâ€Detection Biomolecular NMR Spectroscopy in Living Cells. Angewandte Chemie - International Edition, 2011, 50, 2339-2341.	7.2	55

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37	Metalâ^'Ligand Interplay in Blue Copper Proteins Studied by1H NMR Spectroscopy:Â Cu(II)â^'Pseudoazurin and Cu(II)â^'Rusticyanin. Journal of the American Chemical Society, 2002, 124, 13698-13708.	6.6	53
38	Enzyme-catalyzed Mechanism of Isoniazid Activation in Class I and Class III Peroxidases. Journal of Biological Chemistry, 2004, 279, 39000-39009.	1.6	53
39	Rapid Measurement of Pseudocontact Shifts in Metalloproteins by Proton-Detected Solid-State NMR Spectroscopy. Journal of the American Chemical Society, 2012, 134, 14730-14733.	6.6	53
40	Recent progress in NMR spectroscopy: Toward the study of intrinsically disordered proteins of increasing size and complexity. IUBMB Life, 2012, 64, 473-481.	1.5	53
41	A Heteronuclear Direct-Detection NMR Spectroscopy Experiment for Protein-Backbone Assignment. Angewandte Chemie - International Edition, 2004, 43, 2257-2259.	7.2	52
42	A method for CÎ± direct-detection in protonless NMR. Journal of Magnetic Resonance, 2007, 188, 301-310.	1.2	52
43	Characterization and Peroxidase Activity of a Myoglobin Mutant Containing a Distal Arginine. ChemBioChem, 2002, 3, 226-233.	1.3	48
44	In-cell 13C NMR spectroscopy for the study of intrinsically disordered proteins. Nature Protocols, 2014, 9, 2005-2016.	5.5	48
45	Electronic Structure of the Ground and Excited States of the CuA Site by NMR Spectroscopy. Journal of the American Chemical Society, 2009, 131, 1939-1946.	6.6	47
46	Hsp70 and Hsp40 inhibit an inter-domain interaction necessary for transcriptional activity in the androgen receptor. Nature Communications, 2019, 10, 3562.	5.8	45
47	Protein residue linking in a single spectrum for magic-angle spinning NMR assignment. Journal of Biomolecular NMR, 2015, 62, 253-261.	1.6	44
48	Factoring of the Hyperfine Shifts in the Cyanide Adduct of Lignin Peroxidase from P. chrysosporium. Journal of the American Chemical Society, 1995, 117, 8659-8667.	6.6	43
49	Exclusively Heteronuclear ¹³Câ€Detected Aminoâ€Acidâ€Selective NMR Experiments for the Study of Intrinsically Disordered Proteins (IDPs). ChemBioChem, 2012, 13, 2425-2432.	1.3	43
50	High-dimensionality 13C direct-detected NMR experiments for the automatic assignment of intrinsically disordered proteins. Journal of Biomolecular NMR, 2013, 57, 353-361.	1.6	42
51	Linking functions: an additional role for an intrinsically disordered linker domain in the transcriptional coactivator CBP. Scientific Reports, 2017, 7, 4676.	1.6	39
52	High-resolution and sensitivity through-bond correlations in ultra-fast magic angle spinning (MAS) solid-state NMR. Chemical Science, 2011, 2, 345-348.	3.7	38
53	1H nuclear magnetic resonance investigation of cobalt(II) substituted carbonic anhydrase. Biophysical Journal, 1992, 63, 530-543.	0.2	36
54	Transverse-Dephasing Optimized Homonuclear J-Decoupling in Solid-State NMR Spectroscopy of Uniformly 13C-Labeled Proteins. Journal of the American Chemical Society, 2009, 131, 10816-10817.	6.6	36

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55	Exclusively Heteronuclear NMR Experiments to Obtain Structural and Dynamic Information on Proteins. ChemPhysChem, 2010, 11, 689-695.	1.0	36
56	A multinuclear ligand NMR investigation of cyanide, cyanate, and thiocyanate binding to zinc and cobalt carbonic anhydrase. Inorganic Chemistry, 1992, 31, 3975-3979.	1.9	35
57	Cytochrome P450 and Aromatic Bases: A 1H NMR Study. Journal of the American Chemical Society, 1994, 116, 4866-4873.	6.6	35
58	Improving the chemical shift dispersion of multidimensional NMR spectra of intrinsically disordered proteins. Journal of Biomolecular NMR, 2013, 55, 231-237.	1.6	35
59	Indirect determination of magnetic susceptibility tensors in peroxidases: a novel approach to structure elucidation by NMR. Journal of Biological Inorganic Chemistry, 1996, 1, 320-329.	1.1	34
60	13C-13C NOESY: A constructive use of 13C-13C spin-diffusion. Journal of Biomolecular NMR, 2004, 30, 245-251.	1.6	34
61	1H-13C HETCOR Investigations on Heme-Containing Systems. Inorganic Chemistry, 1994, 33, 4338-4343.	1.9	33
62	Picometer Resolution Structure of the Coordination Sphere in the Metal-Binding Site in a Metalloprotein by NMR. Journal of the American Chemical Society, 2020, 142, 16757-16765.	6.6	33
63	Relaxation-optimised Hartmannâ€“Hahn transfer using a specifically Tailored MOCCA-XY16 mixing sequence for carbonylâ€“carbonyl correlation spectroscopy in 13C direct detection NMR experiments. Journal of Biomolecular NMR, 2009, 43, 187-196.	1.6	32
64	A selective experiment for the sequential protein backbone assignment from 3D heteronuclear spectra. Journal of Magnetic Resonance, 2005, 172, 324-328.	1.2	31
65	Mapping proteinâ€“protein interaction by 13Câ€²-detected heteronuclear NMR spectroscopy. Journal of Biomolecular NMR, 2006, 36, 111-122.	1.6	31
66	Dynamics of the Intrinsically Disordered Câ€Terminal Domain of the Nipah Virus Nucleoprotein and Interaction with the X Domain of the Phosphoprotein as Unveiled by NMR Spectroscopy. ChemBioChem, 2015, 16, 268-276.	1.3	31
67	Cyclized NDGA modifies dynamic Î±-synuclein monomers preventing aggregation and toxicity. Scientific Reports, 2019, 9, 2937.	1.6	31
68	â€œCON-CONâ€•assignment strategy for highly flexible intrinsically disordered proteins. Journal of Biomolecular NMR, 2014, 60, 209-218.	1.6	30
69	Just a Flexible Linker? The Structural and Dynamic Properties of CBP-ID4 Revealed by NMR Spectroscopy. Biophysical Journal, 2016, 110, 372-381.	0.2	29
70	Large-Scale Recombinant Production of the SARS-CoV-2 Proteome for High-Throughput and Structural Biology Applications. Frontiers in Molecular Biosciences, 2021, 8, 653148.	1.6	29
71	Reduction thermodynamics of the T1 Cu site in plant and fungal laccases. Journal of Biological Inorganic Chemistry, 2005, 10, 867-873.	1.1	26
72	Towards a Protocol for Solution Structure Determination of Copper(II) Proteins: the Case of CuIIZnII Superoxide Dismutase. ChemBioChem, 2007, 8, 1422-1429.	1.3	26

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73	The highly flexible disordered regions of the SARS-CoV-2 nucleocapsid N protein within the 1â€“248 residue construct: sequence-specific resonance assignments through NMR. Biomolecular NMR Assignments, 2021, 15, 219-227.	0.4	26
74	Strategies of Signal Assignments in Paramagnetic Metalloproteins. An NMR Investigation of the Thiocyanate Adduct of the Cobalt(II)-Substituted Human Carbonic Anhydrase II. Journal of Magnetic Resonance Series B, 1994, 104, 230-239.	1.6	25
75	Highâ€Resolution Characterization of Intrinsic Disorder in Proteins: Expanding the Suite of ¹³Câ€Detected NMR Spectroscopy Experiments to Determine Key Observables. ChemBioChem, 2011, 12, 2347-2352.	1.3	25
76	NMR study of manganese(II) binding by a new versatile peroxidase from the white-rot fungus Pleurotus eryngii. Journal of Biological Inorganic Chemistry, 2003, 8, 751-760.	1.1	24
77	Proline Fingerprint in Intrinsically Disordered Proteins. ChemBioChem, 2018, 19, 1625-1629.	1.3	24
78	The interaction of acetate and formate with cobalt carbonic anhydrase. An NMR study. FEBS Journal, 1992, 208, 607-615.	0.2	23
79	Rationalization of the reduction potentials within the series of the high potential iron-sulfur proteins. Inorganica Chimica Acta, 1995, 240, 251-256.	1.2	23
80	Protein NMR Resonance Assignment without Spectral Analysis: 5Dâ€‰SOlidâ€State Automated Projection SpectroscopY (SOâ€APSY). Angewandte Chemie - International Edition, 2020, 59, 2380-2384.	7.2	23
81	1H-NMR study of reduced heme proteins myoglobin and cytochrome P450. FEBS Journal, 1993, 215, 431-437.	0.2	22
82	Long-range paramagnetic NMR data can provide a closer look on metal coordination in metalloproteins. Journal of Biological Inorganic Chemistry, 2018, 23, 71-80.	1.1	22
83	Nuclear magnetic resonance spectroscopy studies on copper proteins. Advances in Protein Chemistry, 2002, 60, 397-449.	4.4	21
84	Copper(II) proteins are amenable for NMR investigations. Pure and Applied Chemistry, 2004, 76, 321-333.	0.9	21
85	Combination of DQ and ZQ Coherences for Sensitive Throughâ€Bond NMR Correlation Experiments in Biosolids under Ultraâ€Fast MAS. ChemPhysChem, 2012, 13, 2405-2411.	1.0	21
86	NMR Characterization of Longâ€Range Contacts in Intrinsically Disordered Proteins from Paramagnetic Relaxation Enhancement in ¹³C Directâ€Detection Experiments. ChemBioChem, 2019, 20, 335-339.	1.3	21
87	Adduct of Acetylene at Sulfur in an Oxygen- and Sulfur-Bridged Open Cubane Cluster Complex of Tungsten. Inorganic Chemistry, 2001, 40, 2111-2119.	1.9	20
88	Taking Simultaneous Snapshots of Intrinsically Disordered Proteins in Action. Biophysical Journal, 2019, 117, 46-55.	0.2	20
89	Monitoring the Interaction of Î±â€Synuclein with Calcium Ions through Exclusively Heteronuclear Nuclear Magnetic Resonance Experiments. Angewandte Chemie - International Edition, 2020, 59, 18537-18545.	7.2	20
90	Identification of a Region in the Common Amino-terminal Domain of Hendra Virus P, V, and W Proteins Responsible for Phase Transition and Amyloid Formation. Biomolecules, 2021, 11, 1324.	1.8	20

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91	¹³C Direct Detected NMR for Challenging Systems. Chemical Reviews, 2022, 122, 9468-9496.	23.0	20
92	¹³Câ€Detected Throughâ€Bond Correlation Experiments for Protein Resonance Assignment by Ultraâ€Fast MAS Solidâ€State NMR. ChemPhysChem, 2013, 14, 3131-3137.	1.0	19
93	NMR Reveals Specific Tracts within the Intrinsically Disordered Regions of the SARS-CoV-2 Nucleocapsid Protein Involved in RNA Encountering. Biomolecules, 2022, 12, 929.	1.8	19
94	Sensitivity-enhanced three-dimensional and carbon-detected two-dimensional NMR of proteins using hyperpolarized water. Journal of Biomolecular NMR, 2020, 74, 161-171.	1.6	17
95	Crowding Effects on the Structure and Dynamics of the Intrinsically Disordered Nuclear Chromatin Protein NUPR1. Frontiers in Molecular Biosciences, 2021, 8, 684622.	1.6	17
96	Spectroscopic characterization of a newly isolated cytochrome P450 from Rhodococcus rhodochrous. Biophysical Journal, 1993, 65, 806-813.	0.2	16
97	Carbon-13 and Oxygen-17 Chemical Shifts, (16O/18O) Isotope Effects on 13C Chemical Shifts, and Vibrational Frequencies of Carbon Monoxide in Various Solvents and of the Feâ^'Câ^'O Unit in Carbonmonoxy Heme Proteins and Synthetic Model Compounds. Inorganic Chemistry, 1999, 38, 4283-4293.	1.9	16
98	The Heterogeneous Structural Behavior of E7 from HPV16 Revealed by NMR Spectroscopy. ChemBioChem, 2013, 14, 1876-1882.	1.3	16
99	Spin-state-selective methods in solution- and solid-state biomolecular 13C NMR. Progress in Nuclear Magnetic Resonance Spectroscopy, 2015, 84-85, 1-13.	3.9	16
100	13C APSY-NMR for sequential assignment of intrinsically disordered proteins. Journal of Biomolecular NMR, 2018, 70, 167-175.	1.6	16
101	Structural and Dynamic Characterization of the Molecular Hub Early Region 1A (E1A) from Human Adenovirus. Chemistry - A European Journal, 2016, 22, 13010-13013.	1.7	15
102	A combined NMR and EPR investigation on the effect of the disordered RGG regions in the structure and the activity of the RRM domain of FUS. Scientific Reports, 2020, 10, 20956.	1.6	15
103	Multimodal Response to Copper Binding in Superoxide Dismutase Dynamics. Journal of the American Chemical Society, 2020, 142, 19660-19667.	6.6	15
104	Monitoring HPV-16 E7 phosphorylation events. Virology, 2017, 503, 70-75.	1.1	14
105	Determination of Haem Electronic Structure in Cytochrome b5 and Metcyanomyoglobin. FEBS Journal, 1995, 232, 522-527.	0.2	13
106	Analysis of the paramagnetic shifts of haem carbon resonances in bovine ferricytochrome b 5. European Biophysics Journal, 1996, 24, 342-7.	1.2	13
107	The molecular basis for the selection of captopril cis and trans conformations by angiotensin I converting enzyme. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5084-5087.	1.0	13
108	Protonless ¹³C direct detection NMR: Characterization of the 37 kDa trimeric protein CutA1. Proteins: Structure, Function and Bioinformatics, 2008, 70, 1196-1205.	1.5	13

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109	Ensemble description of the intrinsically disordered N-terminal domain of the Nipah virus P/V protein from combined NMR and SAXS. Scientific Reports, 2020, 10, 19574.	1.6	13
110	Isolation and characterization of cytochrome c2 from Rhodopseudomonas palustris. Inorganica Chimica Acta, 1998, 269, 125-134.	1.2	12
111	Iron-57 Nuclear Shieldings as a Quantitative Tool for Estimating Porphyrin Ruffling in Hexacoordinated Carbonmonoxy Heme Model Compounds in Solution. Journal of the American Chemical Society, 1999, 121, 2903-2908.	6.6	12
112	Development of NMR Instrumentation to Achieve Excitation of Large Bandwidths in High-Resolution Spectra at High Field. Journal of Magnetic Resonance, 2001, 150, 161-166.	1.2	12
113	NMR in the SPINE Structural Proteomics project. Acta Crystallographica Section D: Biological Crystallography, 2006, 62, 1150-1161.	2.5	12
114	Amino acid recognition for automatic resonance assignment of intrinsically disordered proteins. Journal of Biomolecular NMR, 2016, 64, 239-253.	1.6	12
115	An intrinsically disordered proteins community for ELIXIR. F1000Research, 2019, 8, 1753.	0.8	12
116	Recent Advances in Solution NMR Studies. Annual Reports on NMR Spectroscopy, 2013, 80, 359-418.	0.7	11
117	Adenoviral E1A Exploits Flexibility and Disorder to Target Cellular Proteins. Biomolecules, 2020, 10, 1541.	1.8	10
118	Carbonic Anhydrase: An Example of How the Cavity Governs the Reactivity at the Zinc Ion. Comments on Inorganic Chemistry, 1995, 17, 1-15.	3.0	9
119	Multinuclear (13C, 17O, 57Fe) NMR studies of carbonmonoxy heme proteins and synthetic model compounds. Journal of Inorganic Biochemistry, 2000, 79, 371-380.	1.5	9
120	Synthesis, characterization, and cytotoxic activity of copper(II) and platinum(II) complexes of 2-benzoylpyrrole and X-ray structure of bis[2-benzoylpyrrolato(N,O)]copper(II). Journal of Inorganic Biochemistry, 2004, 98, 2071-2079.	1.5	9
121	Backbone and Side-chains 1H, 13C and 15N NMR Assignment of Human Î²-parvalbumin. Journal of Biomolecular NMR, 2005, 33, 137-137.	1.6	9
122	Zinc binding in peptide models of angiotensin-I converting enzyme active sites studied through1H-NMR and chemical shift perturbation mapping. Biopolymers, 2003, 69, 244-252.	1.2	8
123	Longitudinal relaxation properties of 1HN and 1HÎ± determined by direct-detected 13C NMR experiments to study intrinsically disordered proteins (IDPs). Journal of Magnetic Resonance, 2015, 254, 19-26.	1.2	8
124	Fragment-Based NMR Study of the Conformational Dynamics in the bHLH Transcription Factor Ascl1. Biophysical Journal, 2017, 112, 1366-1373.	0.2	8
125	The free energy landscape of the oncogene protein E7 of human papillomavirus type 16 reveals a complex interplay between ordered and disordered regions. Scientific Reports, 2019, 9, 5822.	1.6	8
126	An NMR method for studying the kinetics of metal exchange in biomolecular systems. Journal of Biomolecular NMR, 2002, 23, 303-309.	1.6	7

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127	On the active site of mononuclear B1 metallo Î²-lactamases: a computational study. Journal of Computer-Aided Molecular Design, 2012, 26, 425-435.	1.3	7
128	Exclusively heteronuclear NMR experiments for the investigation of intrinsically disordered proteins: focusing on proline residues. Magnetic Resonance, 2021, 2, 511-522.	0.8	7
129	Monitoring the Interaction of Î±â€Synuclein with Calcium Ions through Exclusively Heteronuclear Nuclear Magnetic Resonance Experiments. Angewandte Chemie, 2020, 132, 18696-18704.	1.6	6
130	Interaction between the scaffold proteins CBP by IQGAP1 provides an interface between gene expression and cytoskeletal activity. Scientific Reports, 2020, 10, 5753.	1.6	6
131	1H 3D NOE-NOE spectrum of met-cyanomyoglobin: The first 3D NMR spectrum of a paramagnetic protein. Magnetic Resonance in Chemistry, 1993, 31, S3-S7.	1.1	5
132	Isolation and physico-chemical characterization of a cytochrome c from the methylotrophic yeast Hansenula polymorpha. BBA - Proteins and Proteomics, 2000, 1543, 174-188.	2.1	4
133	Nuclear magnetic resonance signal chemical shifts and molecular simulations: a multidisciplinary approach to modeling copper protein structures. Journal of Biological Inorganic Chemistry, 2012, 17, 71-79.	1.1	3
134	Determination of Haem Electronic Structure in Cytochrome b 5 and Metcyanomyoglobin. FEBS Journal, 1995, 232, 522-527.	0.2	2
135	Frontispiece: Monitoring the Interaction of Î±â€Synuclein with Calcium Ions through Exclusively Heteronuclear Nuclear Magnetic Resonance Experiments. Angewandte Chemie - International Edition, 2020, 59, .	7.2	1
136	3D Structure of HiPIPs in Solution through NMR and Molecular Dynamics Studies. , 1995, , 281-296.		1
137	Proteinâ€NMRâ€Resonanzzuordnung ohne Spektralanalyse: automatisierte FestkÃ¶rperâ€Projektionsspektroskopie in 5D (SOâ€APSY). Angewandte Chemie, 2020, 132, 2400-2405.	1.6	0
138	Frontispiz: Monitoring the Interaction of Î±â€Synuclein with Calcium Ions through Exclusively Heteronuclear Nuclear Magnetic Resonance Experiments. Angewandte Chemie, 2020, 132, .	1.6	0
139	Glutamine Side-Chain to Main Chain Hydrogen Bonds Can be used to Design Single Alpha-Helices that are Stable at Room Temperature. Biophysical Journal, 2020, 118, 369a-370a.	0.2	0