

Perttu Permi

List of Publications by Year in descending order

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63
papers

1,706
citations

304743

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315739

38
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68
all docs

68
docs citations

68
times ranked

2374
citing authors

#	ARTICLE	IF	CITATIONS
1	SH3 domain ligand binding: What's the consensus and where's the specificity?. FEBS Letters, 2012, 586, 2609-2614.	2.8	211
2	Arabidopsis RCD1 coordinates chloroplast and mitochondrial functions through interaction with ANAC transcription factors. ELife, 2019, 8, .	6.0	118
3	A set of HNCO-based experiments for measurement of residual dipolar couplings in ¹⁵ N, ¹³ C, (² H)-labeled proteins. Journal of Biomolecular NMR, 2000, 17, 43-54.	2.8	84
4	Antifungal Compounds from Cyanobacteria. Marine Drugs, 2015, 13, 2124-2140.	4.6	83
5	Recognition of tandem PxxP motifs as a unique Src homology 3-binding mode triggers pathogen-driven actin assembly. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21743-21748.	7.1	61
6	Coherence transfer in proteins. Progress in Nuclear Magnetic Resonance Spectroscopy, 2004, 44, 97-137.	7.5	59
7	Transverse relaxation optimised spin-state selective NMR experiments for measurement of residual dipolar couplings. , 2000, 16, 221-227.		53
8	HA-detected experiments for the backbone assignment of intrinsically disordered proteins. Journal of Biomolecular NMR, 2010, 47, 171-181.	2.8	53
9	Extension of the HA-detection based approach: (HCA)CON(CA)H and (HCA)NCO(CA)H experiments for the main-chain assignment of intrinsically disordered proteins. Journal of Biomolecular NMR, 2011, 49, 99-109.	2.8	51
10	Enterohaemorrhagic Escherichia Coli Exploits a Tryptophan Switch to Hijack Host F-Actin Assembly. Structure, 2012, 20, 1692-1703.	3.3	46
11	Intraresidual HNCA: an experiment for correlating only intraresidual backbone resonances. Journal of Biomolecular NMR, 2002, 23, 201-209.	2.8	45
12	A spin-state-selective experiment for measuring heteronuclear one-bond and homonuclear two-bond couplings from an HSQC-type spectrum. Journal of Biomolecular NMR, 2002, 22, 27-35.	2.8	41
13	Nostosins, Trypsin Inhibitors Isolated from the Terrestrial Cyanobacterium <i>Nostoc</i> sp. Strain FSN. Journal of Natural Products, 2014, 77, 1784-1790.	3.0	41
14	Identification and structural characterization of LytU, a unique peptidoglycan endopeptidase from the lysostaphin family. Scientific Reports, 2017, 7, 6020.	3.3	38
15	Dynamic Stabilization of the Ligand-Metal Interface in Atomically Precise Gold Nanoclusters Au ₆₈ and Au ₁₄₄ Protected by <i>meta</i> -Mercaptobenzoic Acid. ACS Nano, 2017, 11, 11872-11879.	14.6	37
16	Structural Basis of the High Affinity Interaction between the Alphavirus Nonstructural Protein-3 (nsP3) and the SH3 Domain of Amphiphysin-2. Journal of Biological Chemistry, 2016, 291, 16307-16317.	3.4	36
17	Production of High Amounts of Hepatotoxin Nodularin and New Protease Inhibitors Pseudospumigins by the Brazilian Benthic Nostoc sp. CENA543. Frontiers in Microbiology, 2017, 8, 1963.	3.5	35
18	Towards Controlled Synthesis of Water-Soluble Gold Nanoclusters: Synthesis and Analysis. Journal of Physical Chemistry C, 2019, 123, 2602-2612.	3.1	34

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19	Structural and Functional Insights Into Lysostaphinâ€™ Substrate Interaction. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 60.	3.5	32
20	The cytoprotective protein MANF promotes neuronal survival independently from its role as a GRP78 cofactor. <i>Journal of Biological Chemistry</i> , 2021, 296, 100295.	3.4	31
21	Antifungal activity improved by coproduction of cyclodextrins and anabaenolysins in <i>Cyanobacteria</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13669-13674.	7.1	27
22	Discovery of a Pederin Family Compound in a Nonsymbiotic Bloom-Forming <i>Cyanobacterium</i> . <i>ACS Chemical Biology</i> , 2018, 13, 1123-1129.	3.4	27
23	A new approach for obtaining sequential assignment of large proteins. , 2001, 20, 127-133.		26
24	Characterization of the interaction of the antifungal and cytotoxic cyclic glycolipopeptide hassallidin with sterol-containing lipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 1510-1521.	2.6	25
25	Alternative Biosynthetic Starter Units Enhance the Structural Diversity of <i>Cyanobacterial</i> Lipopeptides. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	24
26	Measurement of residual dipolar couplings from ¹ H _α to ¹³ C _α and ¹⁵ N using a simple HNCA-based experiment. <i>Journal of Biomolecular NMR</i> , 2003, 27, 341-349.	2.8	23
27	Pseudoaeruginosins, Nonribosomal Peptides in <i>Nodularia spumigena</i> . <i>ACS Chemical Biology</i> , 2015, 10, 725-733.	3.4	22
28	Conformations of the regulatory domain of cardiac troponin C examined by residual dipolar couplings. <i>FEBS Journal</i> , 2000, 267, 6665-6672.	0.2	21
29	Weakly aligned biological macromolecules in dilute aqueous liquid crystals. <i>Concepts in Magnetic Resonance</i> , 2004, 23A, 22-37.	1.3	21
30	The Swinholide Biosynthesis Gene Cluster from a Terrestrial <i>Cyanobacterium</i> , <i>Nostoc</i> sp. Strain UHCC 0450. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	21
31	Characterization of Intrinsically Disordered Prostate Associated Gene (PAGE5) at Single Residue Resolution by NMR Spectroscopy. <i>PLoS ONE</i> , 2011, 6, e26633.	2.5	20
32	A novel intrinsically disordered outer membrane lipoprotein of <i>Aggregatibacter actinomycetemcomitans</i> binds various cytokines and plays a role in biofilm response to interleukin-1 ^β and interleukin-8. <i>Virulence</i> , 2017, 8, 115-134.	4.4	20
33	An intraresidual i(HCA)CO(CA)NH experiment for the assignment of main-chain resonances in ¹⁵ N, ¹³ C labeled proteins. <i>Journal of Biomolecular NMR</i> , 2009, 45, 301-310.	2.8	18
34	Intensity modulated HSQC and HMQC: two simple methods to measure 3J(HNH) _α in proteins. <i>Journal of Biomolecular NMR</i> , 2000, 16, 29-37.	2.8	17
35	Bridge over troubled proline: assignment of intrinsically disordered proteins using (HCA)CON(CAN)H and (HCA)N(CA)CO(N)H experiments concomitantly with HNCO and i(HCA)CO(CA)NH. <i>Journal of Biomolecular NMR</i> , 2014, 58, 49-60.	2.8	17
36	Maternal Inheritance of a Recessive RBP4 Defect in Canine Congenital Eye Disease. <i>Cell Reports</i> , 2018, 23, 2643-2652.	6.4	17

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37	¹ H, ¹³ C and ¹⁵ N resonance assignments of the new lysostaphin family endopeptidase catalytic domain from <i>Staphylococcus aureus</i> . <i>Biomolecular NMR Assignments</i> , 2017, 11, 69-73.	0.8	13
38	Flexible Structure of Peptide-Bound Filamin A Mechanosensor Domain Pair 2015. <i>PLoS ONE</i> , 2015, 10, e0136969.	2.5	13
39	Human Adenosine A _{2A} Receptor Binds Calmodulin with High Affinity in a Calcium-Dependent Manner. <i>Biophysical Journal</i> , 2015, 108, 903-917.	0.5	12
40	Determination of three-bond scalar coupling between and in proteins using an iHN(CA),CO(\hat{I} \pm / \hat{I} ² -J-COHA) experiment. <i>Journal of Magnetic Resonance</i> , 2003, 163, 114-120.	2.1	11
41	HACANCOi: a new \hat{H} \pm -detected experiment for backbone resonance assignment of intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2020, 74, 741-752.	2.8	11
42	Efficient assignment of methyl resonances: Enhanced sensitivity by gradient selection in a DE-MQZ(H)CC m Ht m ?TOCSY experiment. <i>Journal of Biomolecular NMR</i> , 2004, 30, 275-282.	2.8	10
43	<scp>R</scp>edoxâ€dependent disulfide bond formation in <scp>SAP</scp>30L corepressor protein: <scp>I</scp>mplications for structure and function. <i>Protein Science</i> , 2016, 25, 572-586.	7.6	9
44	Dispersion from C \hat{I} \pm or NH: 4D experiments for backbone resonance assignment of intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2020, 74, 147-159.	2.8	9
45	Towards unambiguous assignment of methyl-containing residues by double and triple sensitivity-enhanced HCCmHm-TOCSY experiments. <i>Journal of Biomolecular NMR</i> , 2006, 36, 13-26.	2.8	8
46	¹ H, ¹³ C and ¹⁵ N NMR chemical shift assignments of <i>A. thaliana</i> RCD1 RST. <i>Biomolecular NMR Assignments</i> , 2017, 11, 207-210.	0.8	8
47	Fine-tuning the extent and dynamics of binding cleft opening as a potential general regulatory mechanism in parvulin-type peptidyl prolyl isomerases. <i>Scientific Reports</i> , 2017, 7, 44504.	3.3	7
48	Enteroviruses and coronaviruses: similarities and therapeutic targets. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 479-489.	3.4	7
49	Evaluation and Optimization of Coherence Transfer in High Molecular Weight Systems. <i>Journal of Magnetic Resonance</i> , 2002, 155, 123-130.	2.1	6
50	¹ H, ¹³ C and ¹⁵ N NMR chemical shift assignments of cAMP-regulated phosphoprotein-19 and -16 (ARPP-19) Tj ETQg 0 0 0 rgBT /Overloc	0.8	6
51	Alpha Proton Detection Based Backbone Assignment of Intrinsically Disordered Proteins. <i>Methods in Molecular Biology</i> , 2012, 895, 211-226.	0.9	5
52	The Interaction Mechanism of Intrinsically Disordered PP2A Inhibitor Proteins ARPP-16 and ARPP-19 With PP2A. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 650881.	3.5	5
53	The structure and biosynthesis of heinamides A1â€A3 and B1â€B5, antifungal members of the laxaphycin lipopeptide family. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5577-5588.	2.8	5
54	Structural Tuning and Conformational Stability of Aromatic Oligoamide Foldamers. <i>Chemistry - A European Journal</i> , 2017, 23, 16671-16680.	3.3	4

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55	Decreased temperature increases the expression of a disordered bacterial late embryogenesis abundant (LEA) protein that enhances natural transformation. <i>Virulence</i> , 2021, 12, 1239-1257.	4.4	4
56	Characterization of sulfhydryl oxidase from <i>Aspergillus tubingensis</i> . <i>BMC Biochemistry</i> , 2017, 18, 15.	4.4	3
57	Interaction mechanism of endogenous PP2A inhibitor protein ENSA with PP2A. <i>FEBS Journal</i> , 2022, 289, 519-534.	4.7	3
58	Evolutionary plasticity of SH3 domain binding by Nef proteins of the HIV-1/SIVcpz lentiviral lineage. <i>PLoS Pathogens</i> , 2021, 17, e1009728.	4.7	3
59	HN, N, C ¹ ±, C ¹ ² and C ² assignments of the intrinsically disordered C-terminus of human adenosine A2A receptor. <i>Biomolecular NMR Assignments</i> , 2015, 9, 403-406.	0.8	2
60	Critical Structural Defects Explain Filamin A Mutations Causing Mitral Valve Dysplasia. <i>Biophysical Journal</i> , 2019, 117, 1467-1475.	0.5	2
61	Chimeric Avidin â€œ NMR Structure and Dynamics of a 56 kDa Homotetrameric Thermostable Protein. <i>PLoS ONE</i> , 2014, 9, e100564.	2.5	1
62	Structure of SNX9 SH3 in complex with a viral ligand reveals the molecular basis of its unique specificity for alanine-containing class I SH3 motifs. <i>Structure</i> , 2022, , .	3.3	1
63	1H, 13C, and 15N NMR chemical shift assignment of the complex formed by the first EPEC EspF repeat and N-WASP GTPase binding domain. <i>Biomolecular NMR Assignments</i> , 2021, 15, 213-217.	0.8	0