

Perttu Permi

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,706
citations

304743

22
h-index

315739

38
g-index

68
all docs

68
docs citations

68
times ranked

2374
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Interaction mechanism of endogenous PP2A inhibitor protein ENSA with PP2A. <i>FEBS Journal</i> , 2022, 289, 519-534. | 4.7 | 3 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | ¹ H, ¹³ C, and ¹⁵ N 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 |
| 6 | 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 |
| 7 | Enteroviruses and coronaviruses: similarities and therapeutic targets. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 479-489. | 3.4 | 7 |
| 8 | The structure and biosynthesis of heinamides A1–A3 and B1–B5, antifungal members of the laxaphycin lipopeptide family. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5577-5588. | 2.8 | 5 |
| 9 | 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 |
| 10 | HACANCOi: a new H ¹ -detected experiment for backbone resonance assignment of intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2020, 74, 741-752. | 2.8 | 11 |
| 11 | ¹ H, ¹³ C and ¹⁵ N NMR chemical shift assignments of cAMP-regulated phosphoprotein-19 and -16 (ARPP-19) Tj ETQg 1 0.784314 rgB | 0.8 | 6 |
| 12 | Dispersion from C ¹ 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 |
| 13 | Critical Structural Defects Explain Filamin A Mutations Causing Mitral Valve Dysplasia. <i>Biophysical Journal</i> , 2019, 117, 1467-1475. | 0.5 | 2 |
| 14 | 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 |
| 15 | Towards Controlled Synthesis of Water-Soluble Gold Nanoclusters: Synthesis and Analysis. <i>Journal of Physical Chemistry C</i> , 2019, 123, 2602-2612. | 3.1 | 34 |
| 16 | Alternative Biosynthetic Starter Units Enhance the Structural Diversity of Cyanobacterial Lipopeptides. <i>Applied and Environmental Microbiology</i> , 2019, 85, . | 3.1 | 24 |
| 17 | Arabidopsis RCD1 coordinates chloroplast and mitochondrial functions through interaction with ANAC transcription factors. <i>ELife</i> , 2019, 8, . | 6.0 | 118 |
| 18 | Discovery of a Pederin Family Compound in a Nonsymbiotic Bloom-Forming Cyanobacterium. <i>ACS Chemical Biology</i> , 2018, 13, 1123-1129. | 3.4 | 27 |

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|----|--|------|-----------|
| 19 | The Swinholide Biosynthesis Gene Cluster from a Terrestrial Cyanobacterium, <i>Nostoc</i> sp. Strain UHCC 0450. <i>Applied and Environmental Microbiology</i> , 2018, 84, . | 3.1 | 21 |
| 20 | Structural and Functional Insights Into Lysostaphinâ€™Substrate Interaction. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 60. | 3.5 | 32 |
| 21 | Maternal Inheritance of a Recessive RBP4 Defect in Canine Congenital Eye Disease. <i>Cell Reports</i> , 2018, 23, 2643-2652. | 6.4 | 17 |
| 22 | 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 |
| 23 | Structural Tuning and Conformational Stability of Aromatic Oligoamide Foldamers. <i>Chemistry - A European Journal</i> , 2017, 23, 16671-16680. | 3.3 | 4 |
| 24 | Identification and structural characterization of LytU, a unique peptidoglycan endopeptidase from the lysostaphin family. <i>Scientific Reports</i> , 2017, 7, 6020. | 3.3 | 38 |
| 25 | 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 |
| 26 | 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 |
| 27 | Dynamic Stabilization of the Ligandâ€™Metal Interface in Atomically Precise Gold Nanoclusters Au ₆₈ and Au ₁₄₄ Protected by <i>meta</i> -Mercaptobenzoic Acid. <i>ACS Nano</i> , 2017, 11, 11872-11879. | 14.6 | 37 |
| 28 | 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 |
| 29 | Production of High Amounts of Hepatotoxin Nodularin and New Protease Inhibitors Pseudospumigins by the Brazilian Benthic <i>Nostoc</i> sp. CENA543. <i>Frontiers in Microbiology</i> , 2017, 8, 1963. | 3.5 | 35 |
| 30 | Characterization of sulfhydryl oxidase from <i>Aspergillus tubingensis</i> . <i>BMC Biochemistry</i> , 2017, 18, 15. | 4.4 | 3 |
| 31 | R ² -dependent disulfide bond formation in SAP ^{30L} corepressor protein: implications for structure and function. <i>Protein Science</i> , 2016, 25, 572-586. | 7.6 | 9 |
| 32 | Structural Basis of the High Affinity Interaction between the Alphavirus Nonstructural Protein-3 (nsP3) and the SH3 Domain of Amphiphysin-2. <i>Journal of Biological Chemistry</i> , 2016, 291, 16307-16317. | 3.4 | 36 |
| 33 | ¹ H, ¹⁵ N, ¹³ C α , ¹³ C β and ¹³ C γ assignments of the intrinsically disordered C-terminus of human adenosine A2A receptor. <i>Biomolecular NMR Assignments</i> , 2015, 9, 403-406. | 0.8 | 2 |
| 34 | Human Adenosine A2A Receptor Binds Calmodulin with High Affinity in a Calcium-Dependent Manner. <i>Biophysical Journal</i> , 2015, 108, 903-917. | 0.5 | 12 |
| 35 | Antifungal Compounds from Cyanobacteria. <i>Marine Drugs</i> , 2015, 13, 2124-2140. | 4.6 | 83 |
| 36 | Antifungal activity improved by coproduction of cyclodextrins and anabaenolysins in Cyanobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13669-13674. | 7.1 | 27 |

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|----|---|-----|-----------|
| 37 | Pseudoaeruginosins, Nonribosomal Peptides in <i>Nodularia spumigena</i> . <i>ACS Chemical Biology</i> , 2015, 10, 725-733. | 3.4 | 22 |
| 38 | Flexible Structure of Peptide-Bound Filamin A Mechanosensor Domain Pair 2015. <i>PLoS ONE</i> , 2015, 10, e0136969. | 2.5 | 13 |
| 39 | Chimeric Avidin – NMR Structure and Dynamics of a 56 kDa Homotetrameric Thermostable Protein. <i>PLoS ONE</i> , 2014, 9, e100564. | 2.5 | 1 |
| 40 | 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 |
| 41 | Nostosins, Trypsin Inhibitors Isolated from the Terrestrial Cyanobacterium <i>Nostoc</i> sp. Strain FSN. <i>Journal of Natural Products</i> , 2014, 77, 1784-1790. | 3.0 | 41 |
| 42 | SH3 domain ligand binding: What's the consensus and where's the specificity?. <i>FEBS Letters</i> , 2012, 586, 2609-2614. | 2.8 | 211 |
| 43 | Alpha Proton Detection Based Backbone Assignment of Intrinsically Disordered Proteins. <i>Methods in Molecular Biology</i> , 2012, 895, 211-226. | 0.9 | 5 |
| 44 | Enterohaemorrhagic <i>Escherichia Coli</i> Exploits a Tryptophan Switch to Hijack Host F-Actin Assembly. <i>Structure</i> , 2012, 20, 1692-1703. | 3.3 | 46 |
| 45 | 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 |
| 46 | 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. <i>Journal of Biomolecular NMR</i> , 2011, 49, 99-109. | 2.8 | 51 |
| 47 | HA-detected experiments for the backbone assignment of intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2010, 47, 171-181. | 2.8 | 53 |
| 48 | Recognition of tandem PxxP motifs as a unique Src homology 3-binding mode triggers pathogen-driven actin assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21743-21748. | 7.1 | 61 |
| 49 | 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 |
| 50 | 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 |
| 51 | Efficient assignment of methyl resonances: Enhanced sensitivity by gradient selection in a DE-MQ(H)CC m Ht m ?TOCSY experiment. <i>Journal of Biomolecular NMR</i> , 2004, 30, 275-282. | 2.8 | 10 |
| 52 | Weakly aligned biological macromolecules in dilute aqueous liquid crystals. <i>Concepts in Magnetic Resonance</i> , 2004, 23A, 22-37. | 1.3 | 21 |
| 53 | Coherence transfer in proteins. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2004, 44, 97-137. | 7.5 | 59 |
| 54 | Measurement of residual dipolar couplings from ¹ H _{alpha} to ¹³ C _{alpha} and ¹⁵ N using a simple HNCA-based experiment. <i>Journal of Biomolecular NMR</i> , 2003, 27, 341-349. | 2.8 | 23 |

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| 55 | Determination of three-bond scalar coupling between and in proteins using an iHN(CA),CO($\hat{1}\pm/\hat{1}^2$ -J-COHA) experiment. Journal of Magnetic Resonance, 2003, 163, 114-120. | 2.1 | 11 |
| 56 | Evaluation and Optimization of Coherence Transfer in High Molecular Weight Systems. Journal of Magnetic Resonance, 2002, 155, 123-130. | 2.1 | 6 |
| 57 | 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 |
| 58 | Intraresidual HNCA: an experiment for correlating only intraresidual backbone resonances. Journal of Biomolecular NMR, 2002, 23, 201-209. | 2.8 | 45 |
| 59 | A new approach for obtaining sequential assignment of large proteins. , 2001, 20, 127-133. | | 26 |
| 60 | Conformations of the regulatory domain of cardiac troponin C examined by residual dipolar couplings. FEBS Journal, 2000, 267, 6665-6672. | 0.2 | 21 |
| 61 | Intensity modulated HSQC and HMQC: two simple methods to measure $3J(\text{HNH})_{\alpha}$ in proteins. Journal of Biomolecular NMR, 2000, 16, 29-37. | 2.8 | 17 |
| 62 | Transverse relaxation optimised spin-state selective NMR experiments for measurement of residual dipolar couplings. , 2000, 16, 221-227. | | 53 |
| 63 | A set of HNCO-based experiments for measurement of residual dipolar couplings in ^{15}N , ^{13}C , (^2H)-labeled proteins. Journal of Biomolecular NMR, 2000, 17, 43-54. | 2.8 | 84 |