

Richard W Kriwacki

List of Publications by Year in descending order

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Version: 2024-02-01

144
papers

19,149
citations

19657

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15266

126
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148
all docs

148
docs citations

148
times ranked

26271
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Classification of Intrinsically Disordered Regions and Proteins. <i>Chemical Reviews</i> , 2014, 114, 6589-6631. | 47.7 | 1,618 |
| 2 | Coexisting Liquid Phases Underlie Nucleolar Subcompartments. <i>Cell</i> , 2016, 165, 1686-1697. | 28.9 | 1,463 |
| 3 | The genetic basis of early T-cell precursor acute lymphoblastic leukaemia. <i>Nature</i> , 2012, 481, 157-163. | 27.8 | 1,430 |
| 4 | The genomic landscape of diffuse intrinsic pontine glioma and pediatric non-brainstem high-grade glioma. <i>Nature Genetics</i> , 2014, 46, 444-450. | 21.4 | 871 |
| 5 | The whole-genome landscape of medulloblastoma subtypes. <i>Nature</i> , 2017, 547, 311-317. | 27.8 | 787 |
| 6 | Novel mutations target distinct subgroups of medulloblastoma. <i>Nature</i> , 2012, 488, 43-48. | 27.8 | 742 |
| 7 | Whole-genome sequencing identifies genetic alterations in pediatric low-grade gliomas. <i>Nature Genetics</i> , 2013, 45, 602-612. | 21.4 | 704 |
| 8 | C9orf72 Dipeptide Repeats Impair the Assembly, Dynamics, and Function of Membrane-Less Organelles. <i>Cell</i> , 2016, 167, 774-788.e17. | 28.9 | 577 |
| 9 | Phase separation in biology; functional organization of a higher order. <i>Cell Communication and Signaling</i> , 2016, 14, 1. | 6.5 | 571 |
| 10 | Structural studies of p21Waf1/Cip1/Sdi1 in the free and Cdk2-bound state: conformational disorder mediates binding diversity.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 11504-11509. | 7.1 | 530 |
| 11 | Composition-dependent thermodynamics of intracellular phase separation. <i>Nature</i> , 2020, 581, 209-214. | 27.8 | 426 |
| 12 | The landscape of somatic mutations in infant MLL-rearranged acute lymphoblastic leukemias. <i>Nature Genetics</i> , 2015, 47, 330-337. | 21.4 | 405 |
| 13 | Nucleophosmin integrates within the nucleolus via multi-modal interactions with proteins displaying R-rich linear motifs and rRNA. <i>ELife</i> , 2016, 5, . | 6.0 | 395 |
| 14 | Many players in BCL-2 family affairs. <i>Trends in Biochemical Sciences</i> , 2014, 39, 101-111. | 7.5 | 352 |
| 15 | The landscape of somatic mutations in epigenetic regulators across 1,000 paediatric cancer genomes. <i>Nature Communications</i> , 2014, 5, 3630. | 12.8 | 342 |
| 16 | Cdk-Inhibitory Activity and Stability of p27Kip1 Are Directly Regulated by Oncogenic Tyrosine Kinases. <i>Cell</i> , 2007, 128, 269-280. | 28.9 | 312 |
| 17 | Self-interaction of NPM1 modulates multiple mechanisms of liquid-liquid phase separation. <i>Nature Communications</i> , 2018, 9, 842. | 12.8 | 285 |
| 18 | p27 binds cyclin-CDK complexes through a sequential mechanism involving binding-induced protein folding. <i>Nature Structural and Molecular Biology</i> , 2004, 11, 358-364. | 8.2 | 276 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Structural basis for LFA-1 inhibition upon lovastatin binding to the CD11a I-domain 1 Edited by F. E. Cohen. <i>Journal of Molecular Biology</i> , 1999, 292, 1-9. | 4.2 | 261 |
| 20 | Cooperative Signals Governing ARF-Mdm2 Interaction and Nucleolar Localization of the Complex. <i>Molecular and Cellular Biology</i> , 2000, 20, 2517-2528. | 2.3 | 260 |
| 21 | A novel mechanism of tumorigenesis involving pH-dependent destabilization of a mutant p53 tetramer. <i>Nature Structural Biology</i> , 2002, 9, 12-16. | 9.7 | 251 |
| 22 | Regulation of Cell Division by Intrinsically Unstructured Proteins: Intrinsic Flexibility, Modularity, and Signaling Conduits. <i>Biochemistry</i> , 2008, 47, 7598-7609. | 2.5 | 218 |
| 23 | Versatility from Protein Disorder. <i>Science</i> , 2012, 337, 1460-1461. | 12.6 | 206 |
| 24 | Mechanism of apoptosis induction by inhibition of the anti-apoptotic BCL-2 proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 20327-20332. | 7.1 | 204 |
| 25 | pE-DB: a database of structural ensembles of intrinsically disordered and of unfolded proteins. <i>Nucleic Acids Research</i> , 2014, 42, D326-D335. | 14.5 | 195 |
| 26 | BID-induced structural changes in BAK promote apoptosis. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 589-597. | 8.2 | 181 |
| 27 | Cell cycle regulation by the intrinsically disordered proteins p21 and p27. <i>Biochemical Society Transactions</i> , 2012, 40, 981-988. | 3.4 | 178 |
| 28 | Discoveries and controversies in BCL-2 protein-mediated apoptosis. <i>FEBS Journal</i> , 2016, 283, 2690-2700. | 4.7 | 176 |
| 29 | Conditionally and Transiently Disordered Proteins: Awakening Cryptic Disorder To Regulate Protein Function. <i>Chemical Reviews</i> , 2014, 114, 6779-6805. | 47.7 | 165 |
| 30 | Dynamic Protein Interaction Networks and New Structural Paradigms in Signaling. <i>Chemical Reviews</i> , 2016, 116, 6424-6462. | 47.7 | 161 |
| 31 | Cell signaling, post-translational protein modifications and NMR spectroscopy. <i>Journal of Biomolecular NMR</i> , 2012, 54, 217-236. | 2.8 | 153 |
| 32 | PUMA binding induces partial unfolding within BCL-xL to disrupt p53 binding and promote apoptosis. <i>Nature Chemical Biology</i> , 2013, 9, 163-168. | 8.0 | 150 |
| 33 | Structural polymorphism in the N-terminal oligomerization domain of NPM1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4466-4471. | 7.1 | 150 |
| 34 | C9orf72 Poly(PR) Dipeptide Repeats Disturb Biomolecular Phase Separation and Disrupt Nucleolar Function. <i>Molecular Cell</i> , 2019, 74, 713-728.e6. | 9.7 | 128 |
| 35 | Methods for Physical Characterization of Phase-Separated Bodies and Membrane-less Organelles. <i>Journal of Molecular Biology</i> , 2018, 430, 4773-4805. | 4.2 | 124 |
| 36 | Defining the molecular basis of Arf and Hdm2 interactions. <i>Journal of Molecular Biology</i> , 2001, 314, 263-277. | 4.2 | 116 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Structures of Zinc Finger Domains from Transcription Factor Sp1. <i>Journal of Biological Chemistry</i> , 1997, 272, 7801-7809. | 3.4 | 115 |
| 38 | Role of Intrinsic Flexibility in Signal Transduction Mediated by the Cell Cycle Regulator, p27Kip1. <i>Journal of Molecular Biology</i> , 2008, 376, 827-838. | 4.2 | 114 |
| 39 | Intrinsic disorder mediates the diverse regulatory functions of the Cdk inhibitor p21. <i>Nature Chemical Biology</i> , 2011, 7, 214-221. | 8.0 | 114 |
| 40 | Cryptic sequence features within the disordered protein p27 ^{Kip1} regulate cell cycle signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5616-5621. | 7.1 | 109 |
| 41 | Disordered p27Kip1 Exhibits Intrinsic Structure Resembling the Cdk2/Cyclin A-bound Conformation. <i>Journal of Molecular Biology</i> , 2005, 353, 1118-1128. | 4.2 | 103 |
| 42 | Solution structure of choline binding protein A, the major adhesin of <i>Streptococcus pneumoniae</i> . <i>EMBO Journal</i> , 2005, 24, 34-43. | 7.8 | 94 |
| 43 | A Dual E3 Mechanism for Rub1 Ligation to Cdc53. <i>Molecular Cell</i> , 2010, 39, 784-796. | 9.7 | 93 |
| 44 | Structure and Dynamics of Thioguanine-modified Duplex DNA. <i>Journal of Biological Chemistry</i> , 2003, 278, 1005-1011. | 3.4 | 89 |
| 45 | Repression of TFIIH Transcriptional Activity and TFIIH-Associated cdk7 Kinase Activity at Mitosis. <i>Molecular and Cellular Biology</i> , 1998, 18, 1467-1476. | 2.3 | 87 |
| 46 | Pin1-Induced Proline Isomerization in Cytosolic p53 Mediates BAX Activation and Apoptosis. <i>Molecular Cell</i> , 2015, 59, 677-684. | 9.7 | 84 |
| 47 | Electron microscopy structure of human APC/CCDH1-EM11 reveals multimodal mechanism of E3 ligase shutdown. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 827-835. | 8.2 | 82 |
| 48 | Compositional adaptability in NPM1-SURF6 scaffolding networks enabled by dynamic switching of phase separation mechanisms. <i>Nature Communications</i> , 2018, 9, 5064. | 12.8 | 81 |
| 49 | Large-Scale Analysis of Thermostable, Mammalian Proteins Provides Insights into the Intrinsically Disordered Proteome. <i>Journal of Proteome Research</i> , 2009, 8, 211-226. | 3.7 | 76 |
| 50 | CDK2 inhibitors as candidate therapeutics for cisplatin- and noise-induced hearing loss. <i>Journal of Experimental Medicine</i> , 2018, 215, 1187-1203. | 8.5 | 75 |
| 51 | NMR solution structure of the inserted domain of human leukocyte function associated antigen-1. <i>Journal of Molecular Biology</i> , 2000, 295, 1251-1264. | 4.2 | 74 |
| 52 | A short linear motif in BNIP3L (NIX) mediates mitochondrial clearance in reticulocytes. <i>Autophagy</i> , 2012, 8, 1325-1332. | 9.1 | 73 |
| 53 | The DNA-binding domain mediates both nuclear and cytosolic functions of p53. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 535-543. | 8.2 | 73 |
| 54 | Reversible Amyloid Formation by the p53 Tetramerization Domain and a Cancer-associated Mutant. <i>Journal of Molecular Biology</i> , 2003, 327, 699-709. | 4.2 | 72 |

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|----|---|------|-----------|
| 55 | Broadly Protective Protein-Based Pneumococcal Vaccine Composed of Pneumolysin Toxoidâ€™Cbpa Peptide Recombinant Fusion Protein. <i>Journal of Infectious Diseases</i> , 2014, 209, 1116-1125. | 4.0 | 72 |
| 56 | Electrostatically Accelerated Coupled Binding and Folding of Intrinsically Disordered Proteins. <i>Journal of Molecular Biology</i> , 2012, 422, 674-684. | 4.2 | 71 |
| 57 | Dynamic anticipation by Cdk2/Cyclin A-bound p27 mediates signal integration in cell cycle regulation. <i>Nature Communications</i> , 2019, 10, 1676. | 12.8 | 71 |
| 58 | Discovery of Small Molecules that Inhibit the Disordered Protein, p27Kip1. <i>Scientific Reports</i> , 2015, 5, 15686. | 3.3 | 70 |
| 59 | Regulated unfolding of proteins in signaling. <i>FEBS Letters</i> , 2013, 587, 1081-1088. | 2.8 | 68 |
| 60 | Phase Separation in Biology and Disease. <i>Journal of Molecular Biology</i> , 2018, 430, 4603-4606. | 4.2 | 68 |
| 61 | Phase Separation Mediates NUP98 Fusion Oncoprotein Leukemic Transformation. <i>Cancer Discovery</i> , 2022, 12, 1152-1169. | 9.4 | 68 |
| 62 | Proteomic Studies of the Intrinsically Unstructured Mammalian Proteome. <i>Journal of Proteome Research</i> , 2006, 5, 2839-2848. | 3.7 | 66 |
| 63 | Disorder-function relationships for the cell cycle regulatory proteins p21 and p27. <i>Biological Chemistry</i> , 2012, 393, 259-274. | 2.5 | 65 |
| 64 | New NMR methods for the characterization of bound waters in macromolecules. <i>Journal of the American Chemical Society</i> , 1993, 115, 8907-8911. | 13.7 | 62 |
| 65 | Probing Protein/Protein Interactions with Mass Spectrometry and Isotopic Labeling:Â Analysis of the p21/Cdk2 Complex. <i>Journal of the American Chemical Society</i> , 1996, 118, 5320-5321. | 13.7 | 62 |
| 66 | Quantification of the Vitamin D Receptorâ€™Coregulator Interaction. <i>Biochemistry</i> , 2009, 48, 1454-1461. | 2.5 | 62 |
| 67 | Ion Mobility Mass Spectrometry Uncovers the Impact of the Patterning of Oppositely Charged Residues on the Conformational Distributions of Intrinsically Disordered Proteins. <i>Journal of the American Chemical Society</i> , 2019, 141, 4908-4918. | 13.7 | 62 |
| 68 | Molecular Basis for the Specificity of p27 Toward Cyclin-dependent Kinases that Regulate Cell Division. <i>Journal of Molecular Biology</i> , 2005, 349, 764-773. | 4.2 | 60 |
| 69 | Probing protein structure using biochemical and biophysical methods. <i>Journal of Chromatography A</i> , 1997, 777, 23-30. | 3.7 | 58 |
| 70 | LAG3 associates with TCRâ€™CD3 complexes and suppresses signaling by driving co-receptorâ€™Lck dissociation. <i>Nature Immunology</i> , 2022, 23, 757-767. | 14.5 | 53 |
| 71 | Negative Regulation of ASK1 by p21 Cip1 Involves a Small Domain That Includes Serine 98 That Is Phosphorylated by ASK1 In Vivo. <i>Molecular and Cellular Biology</i> , 2007, 27, 3530-3541. | 2.3 | 46 |
| 72 | Structure, Activity, and Distribution of Fish Osteocalcin. <i>Journal of Biological Chemistry</i> , 2003, 278, 11843-11848. | 3.4 | 45 |

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|----|---|------|-----------|
| 73 | Solution Structure of the p53 Regulatory Domain of the p19Arf Tumor Suppressor Protein. <i>Biochemistry</i> , 2001, 40, 2379-2386. | 2.5 | 44 |
| 74 | Regulation of apoptosis by an intrinsically disordered region of Bcl-xL. <i>Nature Chemical Biology</i> , 2018, 14, 458-465. | 8.0 | 42 |
| 75 | A RING E3 substrate complex poised for ubiquitin-like protein transfer: structural insights into cullin-RING ligases. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 947-949. | 8.2 | 39 |
| 76 | Incomplete Folding upon Binding Mediates Cdk4/Cyclin D Complex Activation by Tyrosine Phosphorylation of Inhibitor p27 Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 30142-30151. | 3.4 | 37 |
| 77 | A Small Molecule Causes a Population Shift in the Conformational Landscape of an Intrinsically Disordered Protein. <i>Journal of the American Chemical Society</i> , 2017, 139, 13692-13700. | 13.7 | 37 |
| 78 | Linker histones as liquid-like glue for chromatin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11868-11870. | 7.1 | 32 |
| 79 | A Rare TP53 Mutation Predominant in Ashkenazi Jews Confers Risk of Multiple Cancers. <i>Cancer Research</i> , 2020, 80, 3732-3744. | 0.9 | 32 |
| 80 | Identification of a Novel Germ Line Variant Hotspot Mutant p53-R175L in Pediatric Adrenal Cortical Carcinoma. <i>Cancer Research</i> , 2006, 66, 5056-5062. | 0.9 | 31 |
| 81 | The Activity and Stability of the Intrinsically Disordered Cip/Kip Protein Family Are Regulated by Non-Receptor Tyrosine Kinases. <i>Journal of Molecular Biology</i> , 2015, 427, 371-386. | 4.2 | 31 |
| 82 | Mechanism of Cell Cycle Entry Mediated by the Intrinsically Disordered Protein p27 ^{Kip1} . <i>ACS Chemical Biology</i> , 2012, 7, 678-682. | 3.4 | 30 |
| 83 | Intrinsically Disordered Proteins: Structure, Function and Therapeutics. <i>Journal of Molecular Biology</i> , 2018, 430, 2275-2277. | 4.2 | 30 |
| 84 | Intrinsically Unstructured Domains of Arf and Hdm2 Form Bimolecular Oligomeric Structures In Vitro and In Vivo. <i>Journal of Molecular Biology</i> , 2008, 384, 240-254. | 4.2 | 29 |
| 85 | Monitoring Ligand-Induced Protein Ordering in Drug Discovery. <i>Journal of Molecular Biology</i> , 2016, 428, 1290-1303. | 4.2 | 29 |
| 86 | Real-time Analysis of Folding upon Binding of a Disordered Protein by Using Dissolution DNP NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7070-7073. | 13.8 | 29 |
| 87 | Asymmetric Modulation of Protein Order Disorder Transitions by Phosphorylation and Partner Binding. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1675-1679. | 13.8 | 28 |
| 88 | Intrinsic Protein Flexibility in Regulation of Cell Proliferation: Advantages for Signaling and Opportunities for Novel Therapeutics. <i>Advances in Experimental Medicine and Biology</i> , 2012, 725, 27-49. | 1.6 | 27 |
| 89 | Thermodynamic characterization of interactions between p27Kip1 and activated and non-activated Cdk2: Intrinsically unstructured proteins as thermodynamic tethers. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006, 1764, 182-189. | 2.3 | 26 |
| 90 | A novel stereoselective route to (S)-(+)-alpha-(fluoromethyl)histidine: alpha-halomethylation of (2R,4S)-3-benzoyl-2-(1,1-dimethylethyl)-1-methyl-4-[(N-tritylimidazol-4-yl)methyl]-1,3-imidazolidin-5-one. Synthesis and proton NMR spectroscopy. <i>Journal of Organic Chemistry</i> , 1993, 58, 709-713. | 3.2 | 25 |

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|-----|---|------|-----------|
| 91 | Disruption of an intermonomer salt bridge in the p53 tetramerization domain results in an increased propensity to form amyloid fibrils. <i>Protein Science</i> , 2005, 14, 2993-3003. | 7.6 | 25 |
| 92 | Three-Dimensional ¹³ C-Detected CH3-TOCSY Using Selectively Protonated Proteins: A Facile Methyl Resonance Assignment and Protein Structure Determination. <i>Journal of the American Chemical Society</i> , 2006, 128, 9119-9128. | 13.7 | 23 |
| 93 | NPM1 exhibits structural and dynamic heterogeneity upon phase separation with the p14ARF tumor suppressor. <i>Journal of Magnetic Resonance</i> , 2020, 310, 106646. | 2.1 | 22 |
| 94 | Crystallographic and NMR Analyses of UvsW and UvsW.1 from Bacteriophage T4. <i>Journal of Biological Chemistry</i> , 2007, 282, 34392-34400. | 3.4 | 20 |
| 95 | Current aspects of practical two-dimensional (2D) nuclear magnetic resonance (NMR) spectroscopy: applications to structure elucidation. <i>Pharmaceutical Research</i> , 1989, 06, 531-554. | 3.5 | 19 |
| 96 | An unexpected protein interaction promotes drug resistance in leukemia. <i>Nature Communications</i> , 2017, 8, 1547. | 12.8 | 19 |
| 97 | Probing the Role of Nascent Helicity in p27 Function as a Cell Cycle Regulator. <i>PLoS ONE</i> , 2012, 7, e47177. | 2.5 | 19 |
| 98 | Peptide design and structural characterization of a GPCR loop mimetic. <i>Biopolymers</i> , 2007, 86, 298-310. | 2.4 | 18 |
| 99 | The Orderly Chaos of Proteins. <i>Scientific American</i> , 2011, 304, 68-73. | 1.0 | 18 |
| 100 | Direct detection of carbon and nitrogen nuclei for high-resolution analysis of intrinsically disordered proteins using NMR spectroscopy. <i>Methods</i> , 2018, 138-139, 39-46. | 3.8 | 17 |
| 101 | Mapping Interactions between p27 and RhoA that Stimulate Cell Migration. <i>Journal of Molecular Biology</i> , 2018, 430, 751-758. | 4.2 | 16 |
| 102 | Small Molecule Sequestration of the Intrinsically Disordered Protein, p27Kip1, Within Soluble Oligomers. <i>Journal of Molecular Biology</i> , 2021, 433, 167120. | 4.2 | 16 |
| 103 | Solution Structure of the Transcriptional Activation Domain of the Bacteriophage T4 Protein, MotA. <i>Biochemistry</i> , 2001, 40, 4293-4302. | 2.5 | 15 |
| 104 | Solution NMR Studies of an Intrinsically Unstructured Protein within a Dilute, 75 kDa Eukaryotic Protein Assembly; Probing the Practical Limits for Efficiently Assigning Polypeptide Backbone Resonances. <i>ChemBioChem</i> , 2005, 6, 2242-2246. | 2.6 | 15 |
| 105 | On the relationship status for Arf and NPM1 – it's complicated. <i>FEBS Journal</i> , 2018, 285, 828-831. | 4.7 | 14 |
| 106 | Cryptic disorder: an order-disorder transformation regulates the function of nucleophosmin. <i>Pacific Symposium on Biocomputing</i> Pacific Symposium on Biocomputing, 2012, , 152-63. | 0.7 | 14 |
| 107 | Peptides Derived from Two Dynamically Disordered Proteins Self-Assemble into Amyloid-like Fibrils. <i>Journal of the American Chemical Society</i> , 2003, 125, 3200-3201. | 13.7 | 13 |
| 108 | The Role of the LH Subdomain in the Function of the Cip/Kip Cyclin-Dependent Kinase Regulators. <i>Biophysical Journal</i> , 2011, 100, 2486-2494. | 0.5 | 13 |

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|-----|---|------|-----------|
| 109 | Inherited germline TP53 mutation encodes a protein with an aberrant C-terminal motif in a case of pediatric adrenocortical tumor. <i>Familial Cancer</i> , 2011, 10, 141-146. | 1.9 | 13 |
| 110 | Intrinsic protein disorder and protein modifications in the processing of biological signals. <i>Current Opinion in Structural Biology</i> , 2020, 60, 1-6. | 5.7 | 13 |
| 111 | Germline TP53 R337H mutation is not sufficient to establish Li-Fraumeni or Li-Fraumeni-like syndrome. <i>Cancer Letters</i> , 2007, 247, 353-355. | 7.2 | 11 |
| 112 | CRYPTIC DISORDER: AN ORDER-DISORDER TRANSFORMATION REGULATES THE FUNCTION OF NUCLEOPHOSMIN. , 2011, , . | | 11 |
| 113 | Design, Synthesis and Evaluation of 2,5-Diketopiperazines as Inhibitors of the MDM2-p53 Interaction. <i>PLoS ONE</i> , 2015, 10, e0137867. | 2.5 | 11 |
| 114 | Ion Mobility Mass Spectrometry Measures the Conformational Landscape of p27 and its Domains and how this is Modulated upon Interaction with Cdk2/cyclinâ€¦. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3114-3118. | 13.8 | 11 |
| 115 | 8-Triazolylpurines: Towards Fluorescent Inhibitors of the MDM2/p53 Interaction. <i>PLoS ONE</i> , 2015, 10, e0124423. | 2.5 | 11 |
| 116 | Protein structure characterization with mass spectrometry. <i>Spectroscopy</i> , 2004, 18, 37-47. | 0.8 | 10 |
| 117 | Probing Protein-Protein Interactions with Mass Spectrometry. , 2000, 146, 223-238. | | 8 |
| 118 | Assignment of 1H, 13C and 15N resonances of the I-domain of human leukocyte function associated antigen-1. <i>Journal of Biomolecular NMR</i> , 2000, 16, 271-272. | 2.8 | 7 |
| 119 | An Image Analysis Pipeline for Quantifying the Features of Fluorescently-Labeled Biomolecular Condensates in Cells. <i>Frontiers in Bioinformatics</i> , 0, 2, . | 2.1 | 6 |
| 120 | Asymmetric Modulation of Protein Orderâ€“Disorder Transitions by Phosphorylation and Partner Binding. <i>Angewandte Chemie</i> , 2016, 128, 1707-1711. | 2.0 | 5 |
| 121 | Phase Separation in Biology & Disease: The next chapter. <i>Journal of Molecular Biology</i> , 2021, 433, 166990. | 4.2 | 5 |
| 122 | Fishing in the Nuclear Pore. <i>Science</i> , 2011, 333, 44-45. | 12.6 | 4 |
| 123 | Tuning disorder propensity in p53. <i>Nature Chemical Biology</i> , 2014, 10, 987-988. | 8.0 | 4 |
| 124 | From uncertainty to pathogenicity: clinical and functional interrogation of a rare <i>TP53</i> in-frame deletion. <i>Journal of Physical Education and Sports Management</i> , 2019, 5, a003921. | 1.2 | 4 |
| 125 | Clinical and Functional Significance of TP53 Exon 4â€“Intron 4 Splice Junction Variants. <i>Molecular Cancer Research</i> , 2022, 20, 207-216. | 3.4 | 4 |
| 126 | Amidomethylation of indoles and cyclisations to spiro[pyrrolo[4,3,2â€“i>de</i>]isoquinolineâ€“3,4â€“â€“piperidines]. <i>Journal of Heterocyclic Chemistry</i> , 1987, 24, 387-391. | 2.6 | 2 |

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|-----|---|-----|-----------|
| 127 | Editorial Overview: Functional and Mechanistic Landscape of the Nuclear Pore Complex. <i>Journal of Molecular Biology</i> , 2016, 428, 1947-1948. | 4.2 | 2 |
| 128 | Abstract PR03: The genomic landscape of diffuse intrinsic pontine glioma and pediatric non-brainstem high-grade glioma. , 2014, , . | | 2 |
| 129 | Real-time Analysis of Folding upon Binding of a Disordered Protein by Using Dissolution DNP NMR Spectroscopy. <i>Angewandte Chemie</i> , 2017, 129, 7176-7179. | 2.0 | 1 |
| 130 | Ion Mobility Mass Spectrometry Measures the Conformational Landscape of p27 and its Domains and how this is Modulated upon Interaction with Cdk2/cyclin A. <i>Angewandte Chemie</i> , 2019, 131, 3146-3150. | 2.0 | 1 |
| 131 | Assignments of the ¹ H, ¹³ C, and ¹⁵ N resonances of the winged helix domain of the proto-oncoprotein cQin (FoxG1B). <i>Journal of Biomolecular NMR</i> , 2002, 23, 243-244. | 2.8 | 0 |
| 132 | NMR assignment of the R2 domain of pneumococcal choline binding protein A (CbpA). <i>Journal of Biomolecular NMR</i> , 2005, 32, 93-93. | 2.8 | 0 |
| 133 | Large-scale Analysis of Thermo-stable, Mammalian Proteins Provides Insights into the Intrinsically Disordered Proteome. <i>Biophysical Journal</i> , 2009, 96, 318a. | 0.5 | 0 |
| 134 | Sequential Tyrosine Phosphorylation of P27Kip1 When Bound to the Cdk4/Cyclin D1 Complex Promotes Kinase Activity. <i>Biophysical Journal</i> , 2012, 102, 634a. | 0.5 | 0 |
| 135 | Functional Regulation of the Anti-Apoptotic Protein BCL-xL through Post-Translational Modification of its Intrinsically Disordered Loop. <i>Biophysical Journal</i> , 2012, 102, 633a. | 0.5 | 0 |
| 136 | A Quest for Small Molecule Inhibitors of the Cell Cycle Regulator, P27. <i>Biophysical Journal</i> , 2012, 102, 635a. | 0.5 | 0 |
| 137 | Structural Studies of Cytoplasmic P53 Interactions. <i>Biophysical Journal</i> , 2013, 104, 235a. | 0.5 | 0 |
| 138 | Single-Molecule and Ensemble Fluorescence Study of Cryptic Disorder and Oligomerization in Nucleophosmin. <i>Biophysical Journal</i> , 2013, 104, 190a. | 0.5 | 0 |
| 139 | Control of Disorder and order in Signaling by Proteins. <i>Biophysical Journal</i> , 2014, 106, 5a. | 0.5 | 0 |
| 140 | Conformational Polymorphism in Conditionally Disordered Nucleophosmin: From Single-Molecules to Liquid Droplets. <i>Biophysical Journal</i> , 2016, 110, 402a. | 0.5 | 0 |
| 141 | Two Decades of IDPs; What have we Learned?. <i>Biophysical Journal</i> , 2017, 112, 12a-13a. | 0.5 | 0 |
| 142 | Discovery of Novel Recurrent Mutations in Childhood Early T-Cell Precursor Acute Lymphoblastic Leukemia by Whole Genome Sequencing - a Report From the St Jude Children's Research Hospital - Washington University Pediatric Cancer Genome Project. <i>Blood</i> , 2011, 118, 68-68. | 1.4 | 0 |
| 143 | Exploring Relationships between the Density of Charged Tracts within Disordered Regions and Phase Separation. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2020, 25, 207-218. | 0.7 | 0 |
| 144 | The role of phase separation in oncogenesis by fusion oncoproteins. <i>FASEB Journal</i> , 2022, 36, . | 0.5 | 0 |