

Bruno Kieffer

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,942
citations

257450

24
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265206

42
g-index

66
all docs

66
docs citations

66
times ranked

2743
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | A chemical probe for BAG1 targets androgen receptor-positive prostate cancer through oxidative stress signaling pathway. <i>IScience</i> , 2022, 25, 104175. | 4.1 | 5 |
| 2 | Self-Organization Properties of a GPCR-Binding Peptide with a Fluorinated Tail Studied by Fluorine NMR Spectroscopy. <i>ChemBioChem</i> , 2021, 22, 657-661. | 2.6 | 3 |
| 3 | Conformational editing of intrinsically disordered protein by $\hat{\pm}$ -methylation. <i>Chemical Science</i> , 2021, 12, 1080-1089. | 7.4 | 4 |
| 4 | A practical guide to teaching with Proteopedia. <i>Biochemistry and Molecular Biology Education</i> , 2021, 49, 707-719. | 1.2 | 3 |
| 5 | Fluorine NMR study of proline-rich sequences using fluoroprolines. <i>Magnetic Resonance</i> , 2021, 2, 795-813. | 1.9 | 3 |
| 6 | Molecular determinants of MED1 interaction with the DNA bound VDR-RXR heterodimer. <i>Nucleic Acids Research</i> , 2020, 48, 11199-11213. | 14.5 | 17 |
| 7 | Human H4 tail stimulates HIV-1 integration through binding to the carboxy-terminal domain of integrase. <i>Nucleic Acids Research</i> , 2019, 47, 3607-3618. | 14.5 | 15 |
| 8 | Synthesis and Conformational Properties of 3,4-Difluoro-prolines. <i>Journal of Organic Chemistry</i> , 2019, 84, 3100-3120. | 3.2 | 16 |
| 9 | ZMIZ1 Variants Cause a Syndromic Neurodevelopmental Disorder. <i>American Journal of Human Genetics</i> , 2019, 104, 319-330. | 6.2 | 30 |
| 10 | Modulation of RXR-DNA complex assembly by DNA context. <i>Molecular and Cellular Endocrinology</i> , 2019, 481, 44-52. | 3.2 | 9 |
| 11 | Chemical synthesis of transactivation domain (TAD) of tumor suppressor protein p53 by native chemical ligation of three peptide segments. <i>Tetrahedron</i> , 2019, 75, 703-708. | 1.9 | 5 |
| 12 | Minimising conformational bias in fluoroprolines through vicinal difluorination. <i>Chemical Communications</i> , 2018, 54, 5118-5121. | 4.1 | 28 |
| 13 | Total chemical synthesis and biophysical properties of a designed soluble 24 kDa amyloid analogue. <i>Chemical Science</i> , 2018, 9, 5594-5599. | 7.4 | 6 |
| 14 | Structures and dynamics of hibernating ribosomes from <i>Staphylococcus aureus</i> mediated by intermolecular interactions of HPF. <i>EMBO Journal</i> , 2017, 36, 2073-2087. | 7.8 | 62 |
| 15 | An Amyloidogenic Sequence at the N-Terminus of the Androgen Receptor Impacts Polyglutamine Aggregation. <i>Biomolecules</i> , 2017, 7, 44. | 4.0 | 4 |
| 16 | Solution structure of the 5'-terminal hairpin of the 7SK small nuclear RNA. <i>Rna</i> , 2016, 22, 1844-1858. | 3.5 | 26 |
| 17 | Sequences flanking the core-binding site modulate glucocorticoid receptor structure and activity. <i>Nature Communications</i> , 2016, 7, 12621. | 12.8 | 48 |
| 18 | Backbone ^1H , ^{15}N , ^{13}C NMR assignment of the 518-627 fragment of the androgen receptor encompassing N-terminal and DNA binding domains. <i>Biomolecular NMR Assignments</i> , 2016, 10, 175-178. | 0.8 | 2 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Solution Behavior of the Intrinsically Disordered N-Terminal Domain of Retinoid X Receptor $\hat{\pm}$ in the Context of the Full-Length Protein. <i>Biochemistry</i> , 2016, 55, 1741-1748. | 2.5 | 19 |
| 20 | NMR WaterLOGSY Reveals Weak Binding of Bisphenol A with Amyloid Fibers of a Conserved 11 Residue Peptide from Androgen Receptor. <i>PLoS ONE</i> , 2016, 11, e0161948. | 2.5 | 6 |
| 21 | Disorder-To-Order Transition of MAGI-1 PDZ1 C-Terminal Extension upon Peptide Binding: Thermodynamic and Dynamic Insights. <i>Biochemistry</i> , 2015, 54, 1327-1337. | 2.5 | 10 |
| 22 | A fully enzymatic method for site-directed spin labeling of long RNA. <i>Nucleic Acids Research</i> , 2014, 42, e117-e117. | 14.5 | 25 |
| 23 | Production and characterization of a retinoic acid receptor RAR $\hat{\beta}$ construction encompassing the DNA binding domain and the disordered N-terminal proline rich domain. <i>Protein Expression and Purification</i> , 2014, 95, 113-120. | 1.3 | 4 |
| 24 | Efficient denoising algorithms for large experimental datasets and their applications in Fourier transform ion cyclotron resonance mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1385-1390. | 7.1 | 63 |
| 25 | DNA Binding by Sgf11 Protein Affects Histone H2B Deubiquitination by Spt-Ada-Gcn5-Acetyltransferase (SAGA). <i>Journal of Biological Chemistry</i> , 2014, 289, 8989-8999. | 3.4 | 21 |
| 26 | Thermodynamics of Zn ²⁺ Binding to Cys ₂ His ₂ and Cys ₂ HisCys Zinc Fingers and a Cys ₄ Transcription Factor Site. <i>Journal of the American Chemical Society</i> , 2012, 134, 10405-10418. | 13.7 | 62 |
| 27 | Insight into peptide self-assembly from anisotropic rotational diffusion derived from ¹³ C NMR relaxation. <i>Chemical Science</i> , 2012, 3, 1284. | 7.4 | 11 |
| 28 | Unraveling Complex Small-Molecule Binding Mechanisms by Using Simple NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2012, 18, 3969-3974. | 3.3 | 10 |
| 29 | Thermal stability of chicken brain $\hat{\pm}$ -spectrin repeat 17: a spectroscopic study. <i>Journal of Biomolecular NMR</i> , 2012, 53, 71-83. | 2.8 | 7 |
| 30 | Solution Structure Analysis of the HPV16 E6 Oncoprotein Reveals a Self-Association Mechanism Required for E6-Mediated Degradation of p53. <i>Structure</i> , 2012, 20, 604-617. | 3.3 | 104 |
| 31 | The Structural and Dynamic Response of MAGI-1 PDZ1 with Noncanonical Domain Boundaries to the Binding of Human Papillomavirus E6. <i>Journal of Molecular Biology</i> , 2011, 406, 745-763. | 4.2 | 43 |
| 32 | Strategies for bacterial expression of protein-peptide complexes: Application to solubilization of papillomavirus E6. <i>Protein Expression and Purification</i> , 2011, 80, 8-16. | 1.3 | 11 |
| 33 | Surface plasmon resonance analysis of the binding of high-risk mucosal HPV E6 oncoproteins to the PDZ1 domain of the tight junction protein MAGI $\hat{\pm}$ 1. <i>Journal of Molecular Recognition</i> , 2011, 24, 511-523. | 2.1 | 34 |
| 34 | Putting into Practice Domain-Linear Motif Interaction Predictions for Exploration of Protein Networks. <i>PLoS ONE</i> , 2011, 6, e25376. | 2.5 | 37 |
| 35 | Structure determination of the minimal complex between Tfb5 and Tfb2, two subunits of the yeast transcription/DNA-repair factor TFIH: a retrospective study. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 745-755. | 2.5 | 4 |
| 36 | Prevalence of intrinsic disorder in the hepatitis C virus ARFP/Core $\hat{\pm}$ 1/S protein. <i>FEBS Journal</i> , 2010, 277, 774-789. | 4.7 | 13 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | The structural plasticity of SCA7 domains defines their differential nucleosome-binding properties. <i>EMBO Reports</i> , 2010, 11, 612-618. | 4.5 | 28 |
| 38 | Vinexin ² , an atypical co-sensor of retinoic acid receptor ¹ 3 signaling: union and sequestration, separation, and phosphorylation. <i>FASEB Journal</i> , 2010, 24, 4523-4534. | 0.5 | 26 |
| 39 | The Solution Structure and Self-Association Properties of the Cyclic Lipodepsipeptide Pseudodesmin...A Support Its Pore-Forming Potential. <i>Chemistry - A European Journal</i> , 2009, 15, 12653-12662. | 3.3 | 34 |
| 40 | SECIS-binding protein 2, a key player in selenoprotein synthesis, is an intrinsically disordered protein. <i>Biochimie</i> , 2009, 91, 1003-1009. | 2.6 | 10 |
| 41 | Automated overexpression and isotopic labelling of biologically active oncoproteins in the cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>Biotechnology and Applied Biochemistry</i> , 2008, 51, 53. | 3.1 | 7 |
| 42 | Defining the minimal interacting regions of the tight junction protein MAGI-1 and HPV16 E6 oncoprotein for solution structure studies. <i>Protein Expression and Purification</i> , 2008, 60, 64-73. | 1.3 | 16 |
| 43 | Solution Structure and Self-association Properties of the p8 TFIH Subunit Responsible for Trichothiodystrophy. <i>Journal of Molecular Biology</i> , 2007, 368, 473-480. | 4.2 | 31 |
| 44 | Structural and Functional Analysis of E6 Oncoprotein: Insights in the Molecular Pathways of Human Papillomavirus-Mediated Pathogenesis. <i>Molecular Cell</i> , 2006, 21, 665-678. | 9.7 | 162 |
| 45 | ¹³ C, ¹⁵ N and ¹ H Resonance Assignment of the PDZ1 domain of MAGI-1 using QUASI. <i>Journal of Biomolecular NMR</i> , 2006, 36, 33-33. | 2.8 | 5 |
| 46 | ¹ H and ¹⁵ N resonance assignment, secondary structure and dynamic behaviour of the C-terminal domain of human papillomavirus oncoprotein E6. <i>Journal of Biomolecular NMR</i> , 2005, 31, 129-141. | 2.8 | 16 |
| 47 | Combining inducible protein overexpression with NMR-grade triple isotope labeling in the cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>BioTechniques</i> , 2005, 39, 405-411. | 1.8 | 23 |
| 48 | Solution Structure of the C-terminal Domain of TFIH P44 Subunit Reveals a Novel Type of C4C4 Ring Domain Involved in Protein-Protein Interactions. <i>Journal of Biological Chemistry</i> , 2005, 280, 20785-20792. | 3.4 | 28 |
| 49 | Dynamics and Metal Exchange Properties of C4C4 RING Domains from CNOT4 and the p44 Subunit of TFIH. <i>Journal of Molecular Biology</i> , 2005, 349, 621-637. | 4.2 | 21 |
| 50 | TFIIH contains a PH domain involved in DNA nucleotide excision repair. <i>Nature Structural and Molecular Biology</i> , 2004, 11, 616-622. | 8.2 | 78 |
| 51 | The role of protein motions in molecular recognition: insights from heteronuclear NMR relaxation measurements. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2004, 44, 141-187. | 7.5 | 44 |
| 52 | QUASI: Quick Access to Spectral Interpretation. <i>Comptes Rendus Chimie</i> , 2004, 7, 335-341. | 0.5 | 3 |
| 53 | Effects of temperature on the dynamic behaviour of the HIV-1 nucleocapsid NCp7 and its DNA complex. <i>Journal of Molecular Biology</i> , 2002, 316, 611-627. | 4.2 | 31 |
| 54 | Two-Point Self-Coordination of a Dizinc(II) Bispyridylporphyrin Ruthenium Complex Leading Selectively to a Discrete Molecular Assembly: Solution and Solid-State Characterization. <i>Chemistry - A European Journal</i> , 2002, 8, 4670-4674. | 3.3 | 28 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Cost-Effective and Uniform ¹³ C- and ¹⁵ N-Labeling of the 24-kDa N-Terminal Domain of the Escherichia coli Gyrase B by Overexpression in the Photoautotrophic Cyanobacterium Anabaena sp. PCC 7120. Protein Expression and Purification, 2001, 23, 207-217. | 1.3 | 11 |
| 56 | Structural and Biological Characterization of Chromofungin, the Antifungal Chromogranin A-(47â€“66)-derived Peptide. Journal of Biological Chemistry, 2001, 276, 35875-35882. | 3.4 | 87 |
| 57 | Solution Structure of the N-terminal Domain of the Human TFIIF MAT1 Subunit. Journal of Biological Chemistry, 2001, 276, 7457-7464. | 3.4 | 44 |
| 58 | Structural Characterization of the Cysteine-rich Domain of TFIIF p44 Subunit. Journal of Biological Chemistry, 2000, 275, 31963-31971. | 3.4 | 28 |
| 59 | Characterization of Antibacterial COOH-terminal Proenkephalin-A-derived Peptides (PEAP) in Infectious Fluids. Journal of Biological Chemistry, 1998, 273, 29847-29856. | 3.4 | 61 |
| 60 | Solution Conformation of the Synthetic Bovine Proenkephalin-A209â€“237 by ¹ H NMR Spectroscopy. Journal of Biological Chemistry, 1998, 273, 33517-33523. | 3.4 | 13 |
| 61 | Structure and distribution of modules in extracellular proteins. Quarterly Reviews of Biophysics, 1996, 29, 119-167. | 5.7 | 307 |
| 62 | Structural studies of two antiaggregant RGDW peptides by ¹ H and ¹³ C NMR. International Journal of Peptide and Protein Research, 1994, 44, 70-79. | 0.1 | 16 |
| 63 | Structural and dynamic studies of two antigenic loops from haemagglutinin: A relaxation matrix approach. Journal of Biomolecular NMR, 1993, 3, 91-112. | 2.8 | 6 |
| 64 | Structure-function studies of CD2 by n.m.r. and mutagenesis. Biochemical Society Transactions, 1993, 21, 947-952. | 3.4 | 6 |