

Szymon Å»erko

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperphosphorylation of Human Osteopontin and Its Impact on Structural Dynamics and Molecular Recognition. <i>Biochemistry</i> , 2021, 60, 1347-1355.	2.5	15
2	Structure, dynamics, and function of SrrR, a transcription factor for nickel-dependent gene expression. <i>Metallomics</i> , 2021, 13, .	2.4	4
3	¹ H, ¹³ C and ¹⁵ N backbone resonance assignment of BRCA1 fragment 219-504. <i>Biomolecular NMR Assignments</i> , 2020, 14, 289-293.	0.8	1
4	The Two Isoforms of Lyn Display Different Intramolecular Fuzzy Complexes with the SH3 Domain. <i>Molecules</i> , 2018, 23, 2731.	3.8	13
5	Structure and dynamics of <i>Helicobacter pylori</i> nickel-chaperone HypA: an integrated approach using NMR spectroscopy, functional assays and computational tools. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 1309-1330.	2.6	20
6	Structure and Dynamics of the Huntingtin Exon-1 N-Terminus: A Solution NMR Perspective. <i>Journal of the American Chemical Society</i> , 2017, 139, 1168-1176.	13.7	56
7	¹ H, ¹⁵ N, ¹³ C resonance assignment of plant dehydrin early response to dehydration 10 (ERD10). <i>Biomolecular NMR Assignments</i> , 2017, 11, 127-131.	0.8	3
8	Reconstruction of non-uniformly sampled five-dimensional NMR spectra by signal separation algorithm. <i>Journal of Biomolecular NMR</i> , 2017, 68, 129-138.	2.8	19
9	Five and four dimensional experiments for robust backbone resonance assignment of large intrinsically disordered proteins: application to Tau3x protein. <i>Journal of Biomolecular NMR</i> , 2016, 65, 193-203.	2.8	9
10	¹ H, ¹⁵ N, ¹³ C resonance assignment of human GAP-43. <i>Biomolecular NMR Assignments</i> , 2016, 10, 171-174.	0.8	8
11	Biochemical and Structural Characterization of the Interaction between the Siderocalin NGAL/LCN2 (Neutrophil Gelatinase-associated Lipocalin/Lipocalin 2) and the N-terminal Domain of Its Endocytic Receptor SLC22A17. <i>Journal of Biological Chemistry</i> , 2016, 291, 2917-2930.	3.4	45
12	Six- and seven-dimensional experiments by combination of sparse random sampling and projection spectroscopy dedicated for backbone resonance assignment of intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2015, 63, 283-290.	2.8	17
13	Applications of high dimensionality experiments to biomolecular NMR. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2015, 90-91, 49-73.	7.5	33
14	¹ H, ¹⁵ N, ¹³ C resonance assignment of human osteopontin. <i>Biomolecular NMR Assignments</i> , 2015, 9, 289-292.	0.8	8
15	Backbone and partial side chain assignment of the microtubule binding domain of the MAP1B light chain. <i>Biomolecular NMR Assignments</i> , 2014, 8, 123-127.	0.8	4
16	Protonation-dependent conformational variability of intrinsically disordered proteins. <i>Protein Science</i> , 2013, 22, 1196-1205.	7.6	31
17	¹ H, ¹³ C and ¹⁵ N resonance assignments of human BASP1. <i>Biomolecular NMR Assignments</i> , 2013, 7, 315-319.	0.8	9
18	¹ H, ¹³ C, and ¹⁵ N backbone and side chain resonance assignments of the C-terminal DNA binding and dimerization domain of v-Myc. <i>Biomolecular NMR Assignments</i> , 2013, 7, 321-324.	0.8	4

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19	Note: Percolation in two-dimensional flexible chains systems. Journal of Chemical Physics, 2012, 136, 046101.	3.0	15
20	Percolation in two-dimensional systems containing cyclic chains. Soft Matter, 2012, 8, 973-979.	2.7	15
21	The Structure of Branched Polymer Chains Adsorbed on a Patterned Surface. Molecular Crystals and Liquid Crystals, 2011, 547, 108/[1798]-115/[1805].	0.9	0
22	The structure of percolated polymer systems: a computer simulation study. Journal of Molecular Modeling, 2011, 17, 2209-2215.	1.8	3