Szymon Å»erko

List of Publications by Year
in descending order

22	332	840776 11	839539 18
papers	citations	h-index	g-index

22	22	22	514
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure and Dynamics of the Huntingtin Exon-1 N-Terminus: AÂSolution NMR Perspective. Journal of the American Chemical Society, 2017, 139, 1168-1176.	13.7	56
2	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. Journal of Biological Chemistry, 2016, 291, 2917-2930.	3.4	45
3	Applications of high dimensionality experiments to biomolecular NMR. Progress in Nuclear Magnetic Resonance Spectroscopy, 2015, 90-91, 49-73.	7.5	33
4	Protonationâ€dependent conformational variability of intrinsically disordered proteins. Protein Science, 2013, 22, 1196-1205.	7.6	31
5	Structure and dynamics of Helicobacter pylori nickel-chaperone HypA: an integrated approach using NMR spectroscopy, functional assays and computational tools. Journal of Biological Inorganic Chemistry, 2018, 23, 1309-1330.	2.6	20
6	Reconstruction of non-uniformly sampled five-dimensional NMR spectra by signal separation algorithm. Journal of Biomolecular NMR, 2017, 68, 129-138.	2.8	19
7	Six- and seven-dimensional experiments by combination of sparse random sampling and projection spectroscopy dedicated for backbone resonance assignment of intrinsically disordered proteins. Journal of Biomolecular NMR, 2015, 63, 283-290.	2.8	17
8	Note: Percolation in two-dimensional flexible chains systems. Journal of Chemical Physics, 2012, 136, 046101.	3.0	15
9	Percolation in two-dimensional systems containing cyclic chains. Soft Matter, 2012, 8, 973-979.	2.7	15
10	Hyperphosphorylation of Human Osteopontin and Its Impact on Structural Dynamics and Molecular Recognition. Biochemistry, 2021, 60, 1347-1355.	2.5	15
11	The Two Isoforms of Lyn Display Different Intramolecular Fuzzy Complexes with the SH3 Domain. Molecules, 2018, 23, 2731.	3.8	13
12	1H, 13C and 15N resonance assignments of human BASP1. Biomolecular NMR Assignments, 2013, 7, 315-319.	0.8	9
13	Five and four dimensional experiments for robust backbone resonance assignment of large intrinsically disordered proteins: application to Tau3x protein. Journal of Biomolecular NMR, 2016, 65, 193-203.	2.8	9
14	1H, 15N, 13C resonance assignment of human osteopontin. Biomolecular NMR Assignments, 2015, 9, 289-292.	0.8	8
15	1H, 15N, 13C resonance assignment of human GAP-43. Biomolecular NMR Assignments, 2016, 10, 171-174.	0.8	8
16	1H, 13C, and 15N backbone and side chain resonance assignments of the C-terminal DNA binding and dimerization domain of v-Myc. Biomolecular NMR Assignments, 2013, 7, 321-324.	0.8	4
17	Backbone and partial side chain assignment of the microtubule binding domain of the MAP1B light chain. Biomolecular NMR Assignments, 2014, 8, 123-127.	0.8	4
18	Structure, dynamics, and function of SrnR, a transcription factor for nickel-dependent gene expression. Metallomics, 2021, 13, .	2.4	4

#	Article	IF	Citations
19	The structure of percolated polymer systems: a computer simulation study. Journal of Molecular Modeling, 2011, 17, 2209-2215.	1.8	3
20	1H, 15N, 13C resonance assignment of plant dehydrin early response to dehydration 10 (ERD10). Biomolecular NMR Assignments, 2017, 11, 127-131.	0.8	3
21	1H, 13C and 15N backbone resonance assignment of BRCA1 fragment 219â€“504. Biomolecular NMR Assignments, 2020, 14, 289-293.	0.8	1
22	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