

# Liza Cubeddu

## List of Publications by Year in descending order

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35  
papers

1,094  
citations

471509

17  
h-index

414414

32  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1180  
citing authors

#	ARTICLE	IF	CITATIONS
1	A distinct ssDNA/RNA binding interface in the Nsp9 protein from SARS-CoV-2. <i>Proteins: Structure, Function and Bioinformatics</i> , 2022, 90, 176-185.	2.6	20
2	Expression, Purification, and Solution-State NMR Analysis of the Two Human Single-Stranded DNA-Binding Proteins (NABP2/OBFC2B) and (NABP1/OBFC2A). <i>Methods in Molecular Biology</i> , 2021, 2281, 229-240.	0.9	0
3	hSSB2 (NABP1) is required for the recruitment of RPA during the cellular response to DNA UV damage. <i>Scientific Reports</i> , 2021, 11, 20256.	3.3	6
4	The structural details of the interaction of single-stranded DNA binding protein hSSB2 (NABP1/OBFC2A) with UV-damaged DNA. <i>Proteins: Structure, Function and Bioinformatics</i> , 2020, 88, 319-326.	2.6	10
5	Human single-stranded DNA binding protein 1 (hSSB1, OBFC2B), a critical component of the DNA damage response. <i>Seminars in Cell and Developmental Biology</i> , 2019, 86, 121-128.	5.0	26
6	A Structural Perspective on the Regulation of Human Single-Stranded DNA Binding Protein 1 (hSSB1). <i>Trends in Biochemical Sciences</i> , 2019, 44, 441-446.	4.1	10
7	Backbone 1H, 13C and 15N resonance assignments of the OB domain of the single stranded DNA-binding protein hSSB2 (NABP1/OBFC2A) and chemical shift mapping of the DNA-binding interface. <i>Biomolecular NMR Assignments</i> , 2018, 12, 107-111.	0.8	3
8	High-affinity RNA binding by a hyperthermophilic single-stranded DNA-binding protein. <i>Extremophiles</i> , 2017, 21, 369-379.	2.3	14
9	hSSB1 phosphorylation is dynamically regulated by DNA-PK and PPP-family protein phosphatases. <i>DNA Repair</i> , 2017, 54, 30-39.	2.8	15
10	A data-driven structural model of hSSB1 (NABP2/OBFC2B) self-oligomerization. <i>Nucleic Acids Research</i> , 2017, 45, 8609-8620.	14.5	14
11	A structural analysis of DNA binding by hSSB1 (NABP2/OBFC2B) in solution. <i>Nucleic Acids Research</i> , 2016, 44, 7963-7973.	14.5	26
12	Backbone 1H, 13C and 15N resonance assignments of the OB domain of the single stranded DNA-binding protein hSSB1 (NABP2/OBFC2B) and chemical shift mapping of the DNA-binding interface. <i>Biomolecular NMR Assignments</i> , 2016, 10, 297-300.	0.8	7
13	hSSB1 (NABP2/OBFC2B) is regulated by oxidative stress. <i>Scientific Reports</i> , 2016, 6, 27446.	3.3	31
14	hSSB1 (NABP2/OBFC2B) is required for the repair of 8-oxo-guanine by the hOGG1-mediated base excision repair pathway. <i>Nucleic Acids Research</i> , 2015, 43, 8817-8829.	14.5	37
15	Single-Strand DNA-Binding Protein SSB1 Facilitates TERT Recruitment to Telomeres and Maintains Telomere G-Overhangs. <i>Cancer Research</i> , 2015, 75, 858-869.	0.9	19
16	The structural basis of DNA binding by the single-stranded DNA-binding protein from <i>Sulfolobus solfataricus</i> . <i>Biochemical Journal</i> , 2015, 465, 337-346.	3.7	29
17	Biophysical Characterisation and Quantification of Nucleic Acid-Protein Interactions: EMSA, MST and SPR. <i>Current Protein and Peptide Science</i> , 2015, 16, 727-734.	1.4	8
18	Backbone and side-chain 1H, 13C and 15N resonance assignments of the OB domain of the single stranded DNA binding protein from <i>Sulfolobus solfataricus</i> and chemical shift mapping of the DNA-binding interface. <i>Biomolecular NMR Assignments</i> , 2014, 8, 243-246.	0.8	9

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19	Backbone and side-chain assignments of a tethered complex between LMO4 and DEAF-1. <i>Biomolecular NMR Assignments</i> , 2014, 8, 141-144.	0.8	4
20	The Structure of an LIM-Only Protein 4 (LMO4) and Deformed Epidermal Autoregulatory Factor-1 (DEAF1) Complex Reveals a Common Mode of Binding to LMO4. <i>PLoS ONE</i> , 2014, 9, e109108.	2.5	13
21	Semiquantitative and quantitative analysis of protein-DNA interactions using steady-state measurements in surface plasmon resonance competition experiments. <i>Analytical Biochemistry</i> , 2013, 440, 178-185.	2.4	13
22	Human single-stranded DNA binding proteins are essential for maintaining genomic stability. <i>BMC Molecular Biology</i> , 2013, 14, 9.	3.0	85
23	A Structural Analysis of DNA Binding by Myelin Transcription Factor 1 Double Zinc Fingers. <i>Journal of Biological Chemistry</i> , 2013, 288, 35180-35191.	3.4	17
24	Contribution of DEAF1 Structural Domains to the Interaction with the Breast Cancer Oncogene LMO4. <i>PLoS ONE</i> , 2012, 7, e39218.	2.5	21
25	hSSB1 rapidly binds at the sites of DNA double-strand breaks and is required for the efficient recruitment of the MRN complex. <i>Nucleic Acids Research</i> , 2011, 39, 1692-1702.	14.5	70
26	hSSB1 interacts directly with the MRN complex stimulating its recruitment to DNA double-strand breaks and its endo-nuclease activity. <i>Nucleic Acids Research</i> , 2011, 39, 3643-3651.	14.5	70
27	Engineered Rings of Mixed Yeast Lsm Proteins Show Differential Interactions with Translation Factors and U-Rich RNA. <i>Biochemistry</i> , 2010, 49, 2335-2345.	2.5	13
28	NMR assignment of prespore specific antigen a cell surface adhesion glycoprotein from <i>Dictyostelium discoideum</i> . <i>Biomolecular NMR Assignments</i> , 2009, 3, 1-3.	0.8	2
29	Single-stranded DNA-binding protein hSSB1 is critical for genomic stability. <i>Nature</i> , 2008, 453, 677-681.	27.8	220
30	The Archaeal XPB Protein is a ssDNA-Dependent ATPase with a Novel Partner. <i>Journal of Molecular Biology</i> , 2008, 376, 634-644.	4.2	31
31	Sequence specificity of single-stranded DNA-binding proteins: a novel DNA microarray approach. <i>Nucleic Acids Research</i> , 2007, 35, e75.	14.5	22
32	DNA Damage Detection by an Archaeal Single-stranded DNA-binding Protein. <i>Journal of Molecular Biology</i> , 2005, 353, 507-516.	4.2	56
33	Insights into ssDNA recognition by the OB fold from a structural and thermodynamic study of <i>Sulfolobus</i> SSB protein. <i>EMBO Journal</i> , 2003, 22, 2561-2570.	7.8	122
34	Homomeric Ring Assemblies of Eukaryotic Sm Proteins Have Affinity for Both RNA and DNA. <i>Journal of Biological Chemistry</i> , 2003, 278, 17291-17298.	3.4	29
35	<i>Dictyostelium discoideum</i> as Expression Host: Isotopic Labeling of a Recombinant Glycoprotein for NMR Studies. <i>Protein Expression and Purification</i> , 2000, 19, 335-342.	1.3	20