

Lisa D Cabrera

List of Publications by Year in descending order

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papers

1,051
citations

516710

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24
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28
all docs

28
docs citations

28
times ranked

1301
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Dimensional NMR Lineshape Analysis. <i>Scientific Reports</i> , 2016, 6, 24826.	3.3	161
2	A structural ensemble of a ribosomeâ€“nascent chain complex during cotranslational protein folding. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 278-285.	8.2	135
3	Protein folding on the ribosome. <i>Current Opinion in Structural Biology</i> , 2010, 20, 33-45.	5.7	116
4	Probing ribosome-nascent chain complexes produced in vivo by NMR spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22239-22244.	7.1	81
5	The H50Q Mutation Induces a 10-fold Decrease in the Solubility of Î±-Synuclein. <i>Journal of Biological Chemistry</i> , 2015, 290, 2395-2404.	3.4	65
6	Structural characterization of the interaction of Î±-synuclein nascent chains with the ribosomal surface and trigger factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5012-5017.	7.1	54
7	How Does the Ribosome Fold the Proteome?. <i>Annual Review of Biochemistry</i> , 2020, 89, 389-415.	11.1	50
8	Solution structure of the major factor VIII binding region on von Willebrand factor. <i>Blood</i> , 2014, 123, 4143-4151.	1.4	41
9	A strategy for co-translational folding studies of ribosome-bound nascent chain complexes using NMR spectroscopy. <i>Nature Protocols</i> , 2016, 11, 1492-1507.	12.0	39
10	Systematic mapping of free energy landscapes of a growing filamin domain during biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9744-9749.	7.1	39
11	Probing Side-Chain Dynamics of a Ribosome-Bound Nascent Chain Using Methyl NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2009, 131, 8366-8367.	13.7	37
12	In Vitro and In Silico Design of Î±1-antitrypsin Mutants with Different Conformational Stabilities. <i>Journal of Molecular Biology</i> , 2003, 325, 581-589.	4.2	36
13	Structure, Dynamics and Folding of an Immunoglobulin Domain of the Gelation Factor (ABP-120) from <i>Dictyostelium discoideum</i> . <i>Journal of Molecular Biology</i> , 2009, 388, 865-879.	4.2	32
14	The ribosome and its role in protein folding: looking through a magnifying glass. <i>Acta Crystallographica Section D: Structural Biology</i> , 2017, 73, 509-521.	2.3	32
15	Interactions between nascent proteins and the ribosome surface inhibit co-translational folding. <i>Nature Chemistry</i> , 2021, 13, 1214-1220.	13.6	27
16	Nascent chains can form co-translational folding intermediates that promote post-translational folding outcomes in a disease-causing protein. <i>Nature Communications</i> , 2021, 12, 6447.	12.8	22
17	Archaeal MBF1 binds to 30S and 70S ribosomes via its helixâ€“turnâ€“helix domain. <i>Biochemical Journal</i> , 2014, 462, 373-384.	3.7	16
18	Common sequence motifs of nascent chains engage the ribosome surface and trigger factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	13

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19	Increasing the sensitivity of NMR diffusion measurements by paramagnetic longitudinal relaxation enhancement, with application to ribosome nascent chain complexes. <i>Journal of Biomolecular NMR</i> , 2015, 63, 151-163.	2.8	10
20	Probing the dynamic stalk region of the ribosome using solution NMR. <i>Scientific Reports</i> , 2019, 9, 13528.	3.3	10
21	Thermodynamics of co-translational folding and ribosome nascent chain interactions. <i>Current Opinion in Structural Biology</i> , 2022, 74, 102357.	5.7	9
22	Nascent chain dynamics and ribosome interactions within folded ribosome nascent chain complexes observed by NMR spectroscopy. <i>Chemical Science</i> , 2021, 12, 13120-13126.	7.4	8
23	Full-length TDP-43 and its C-terminal domain form filaments <i>in vitro</i> having non-amyloid properties. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2021, 28, 56-65.	3.0	6
24	Serpins in Prokaryotes. , 2007, , 131-162.		6
25	Evolution and Classification of the Serpin Superfamily. , 2007, , 1-33.		4
26	Solution-State Nuclear Magnetic Resonance Spectroscopy and Protein Folding. <i>Methods in Molecular Biology</i> , 2011, 752, 97-120.	0.9	2
27	Structural investigation of the folding of an immunoglobulin domain on the ribosome using NMR Spectroscopy (LB197). <i>FASEB Journal</i> , 2014, 28, LB197.	0.5	0