

Laura Masino

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,019
citations

304743

22
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

4396
citing authors

#	ARTICLE	IF	CITATIONS
1	EGCG redirects amyloidogenic polypeptides into unstructured, off-pathway oligomers. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 558-566.	8.2	1,249
2	The solution structure of the Josephin domain of ataxin-3: Structural determinants for molecular recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 10493-10498.	7.1	176
3	Solution structure of polyglutamine tracts in GST-polyglutamine fusion proteins. <i>FEBS Letters</i> , 2002, 513, 267-272.	2.8	140
4	NEW EMBO MEMBER'S REVIEW: From Alzheimer to Huntington: why is a structural understanding so difficult?. <i>EMBO Journal</i> , 2003, 22, 355-361.	7.8	133
5	Ligand binding and thermodynamic stability of a multidomain protein, calmodulin. <i>Protein Science</i> , 2000, 9, 1519-1529.	7.6	125
6	Characterization of the Structure and the Amyloidogenic Properties of the Josephin Domain of the Polyglutamine-containing Protein Ataxin-3. <i>Journal of Molecular Biology</i> , 2004, 344, 1021-1035.	4.2	117
7	SARS-CoV-2 can recruit a heme metabolite to evade antibody immunity. <i>Science Advances</i> , 2021, 7, .	10.3	107
8	Domain architecture of the polyglutamine protein ataxin-3: a globular domain followed by a flexible tail. <i>FEBS Letters</i> , 2003, 549, 21-25.	2.8	103
9	The Structure of the C-Terminal KH Domains of KSRP Reveals a Noncanonical Motif Important for mRNA Degradation. <i>Structure</i> , 2007, 15, 485-498.	3.3	97
10	Pathogenic and Non-pathogenic Polyglutamine Tracts Have Similar Structural Properties: Towards a Length-dependent Toxicity Gradient. <i>Journal of Molecular Biology</i> , 2007, 371, 235-244.	4.2	86
11	Fast Events in Protein Folding: Structural Volume Changes Accompanying the Early Events in the Native Transition of Apomyoglobin Induced by Ultrafast pH Jump. <i>Biophysical Journal</i> , 2000, 78, 405-415.	0.5	82
12	Josephin domain of ataxin-3 contains two distinct ubiquitin-binding sites. <i>Biopolymers</i> , 2009, 91, 1203-1214.	2.4	77
13	Functional interactions as a survival strategy against abnormal aggregation. <i>FASEB Journal</i> , 2011, 25, 45-54.	0.5	68
14	The Interplay between PolyQ and Protein Context Delays Aggregation by Forming a Reservoir of Protofibrils. <i>PLoS ONE</i> , 2006, 1, e111.	2.5	58
15	Enhancement by Mg ²⁺ of domain specificity in Ca ²⁺ -dependent interactions of calmodulin with target sequences. <i>Protein Science</i> , 2000, 9, 2477-2488.	7.6	51
16	Structure validation of the Josephin domain of ataxin-3: Conclusive evidence for an open conformation. <i>Journal of Biomolecular NMR</i> , 2006, 36, 267-277.	2.8	44
17	The Josephin Domain Determines the Morphological and Mechanical Properties of Ataxin-3 Fibrils. <i>Biophysical Journal</i> , 2011, 100, 2033-2042.	0.5	44
18	Bacterial IscU is a well folded and functional single domain protein. <i>FEBS Journal</i> , 2004, 271, 2093-2100.	0.2	40

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19	Functional cross-talk between allosteric effects of activating and inhibiting ligands underlies PKM2 regulation. <i>ELife</i> , 2019, 8, .	6.0	29
20	On the mechanism of calcium-dependent activation of NADPH oxidase 5 (NOX5). <i>FEBS Journal</i> , 2020, 287, 2486-2503.	4.7	27
21	Thermal Stability of Calmodulin and Mutants Studied by ^1H - ^{15}N HSQC NMR Measurements of Selectively Labeled ^{15}N Ile Proteins. <i>Biochemistry</i> , 2002, 41, 6850-6859.	2.5	26
22	Rv1460, a SufR homologue, is a repressor of the suf operon in <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2018, 13, e0200145.	2.5	26
23	A Ubiquitin-Binding Domain that Binds a Structural Fold Distinct from that of Ubiquitin. <i>Structure</i> , 2019, 27, 1316-1325.e6.	3.3	23
24	MutS 2 Stimulates Holliday Junction Resolution by the SMX Complex. <i>Cell Reports</i> , 2020, 33, 108289.	6.4	23
25	A structural approach to trinucleotide expansion diseases. <i>Brain Research Bulletin</i> , 2001, 56, 183-189.	3.0	18
26	Determinants of E2-ubiquitin conjugate recognition by RBR E3 ligases. <i>Scientific Reports</i> , 2018, 8, 68.	3.3	17
27	Letter to the Editor: Assignment of the ^1H , ^{13}C , and ^{15}N resonances of the Josephin domain of human ataxin-3. <i>Journal of Biomolecular NMR</i> , 2004, 30, 457-458.	2.8	16
28	Polyglutamine and Neurodegeneration: Structural Aspects. <i>Protein and Peptide Letters</i> , 2004, 11, 239-248.	0.9	6
29	A malaria parasite subtilisin propeptide-like protein is a potent inhibitor of the egress protease SUB1. <i>Biochemical Journal</i> , 2020, 477, 525-540.	3.7	6
30	Biolayer Interferometry: Protein-RNA Interactions. <i>Methods in Molecular Biology</i> , 2021, 2263, 351-368.	0.9	5