Pernilla Wittung-stafshede

List of Publications by Year
in descending order

267	12,817	30070 54	32842 100
papers	citations	h-index	g-index

282	282	282	13748
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gut power: Modulation of human amyloid formation by amyloidogenic proteins in the gastrointestinal tract. Current Opinion in Structural Biology, 2022, 72, 33-38.	5.7	7
2	Frustration Dynamics and Electron-Transfer Reorganization Energies in Wild-Type and Mutant Azurins. Journal of the American Chemical Society, 2022, 144, 4178-4185.	13.7	3
3	Response to crowded conditions reveals compact nucleus for amyloid formation of folded protein. QRB Discovery, 2021, 2, .	1.6	1
4	ATP7A-Regulated Enzyme Metalation and Trafficking in the Menkes Disease Puzzle. Biomedicines, 2021, 9, 391.	3.2	38
5	The Zero-Order Loop in Apoazurin Modulates Folding Mechanism In Silico. Journal of Physical Chemistry B, 2021, 125, 3501-3509.	2.6	3
6	Macromolecular crowding modulates Î±-synuclein amyloid fiber growth. Biophysical Journal, 2021, 120, 3374-3381.	0.5	28
7	Another pearl in the â€œcopper-transportâ€•necklace. Biophysical Journal, 2021, 120, 4305-4306.	0.5	0
8	C-terminal truncation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mrow><mml:mi>Î±</mml:mi></mml:mrow></mml:math>-synuclein alters DNA structure from extension to compaction. Biochemical and Biophysical Research Communications, 2021, 568, 43-47.	2.1	6
9	Impact of crowded environments on binding between protein and single-stranded DNA. Scientific Reports, 2021, 11, 17682.	3.3	6
10	A large â€˜discoveryâ€™ experiment: Gender Initiative for Excellence (Genie) at Chalmers University of Technology. QRB Discovery, 2021, 2, .	1.6	1
11	The copper chaperone CCS facilitates copper binding to MEK1/2 to promote kinase activation. Journal of Biological Chemistry, 2021, 297, 101314.	3.4	21
12	Effects of the Toxic Metals Arsenite and Cadmium on Î±-Synuclein Aggregation In Vitro and in Cells. International Journal of Molecular Sciences, 2021, 22, 11455.	4.1	13
13	Orientation of Î±-Synuclein at Negatively Charged Lipid Vesicles: Linear Dichroism Reveals Time-Dependent Changes in Helix Binding Mode. Journal of the American Chemical Society, 2021, 143, 18899-18906.	13.7	8
14	Evaluation of ATOX1 as a Potential Predictive Biomarker for Tetrathiomolybdate Treatment of Breast Cancer Patients with High Risk of Recurrence. Biomedicines, 2021, 9, 1887.	3.2	1
15	My journey in academia: things not on the CV. Pure and Applied Chemistry, 2020, 92, 789-796.	1.9	0
16	Mirrorâ€Image 5S Ribonucleoprotein Complexes. Angewandte Chemie, 2020, 132, 3753-3760.	2.0	1
17	Correlation between Cellular Uptake and Cytotoxicity of Fragmented Î±-Synuclein Amyloid Fibrils Suggests Intracellular Basis for Toxicity. ACS Chemical Neuroscience, 2020, 11, 233-241.	3.5	26
18	Mirrorâ€Image 5S Ribonucleoprotein Complexes. Angewandte Chemie - International Edition, 2020, 59, 3724-3731.	13.8	20

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19	Evaluation of copper chaperone ATOX1 as prognostic biomarker in breast cancer. Breast Cancer, 2020, 27, 505-509.	2.9	27
20	Amyloid formation of fish Î²-parvalbumin involves primary nucleation triggered by disulfide-bridged protein dimers. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27997-28004.	7.1	15
21	Redox-Dependent Copper Ion Modulation of Amyloid-Î² (1-42) Aggregation In Vitro. Biomolecules, 2020, 10, 924.	4.0	16
22	Crosstalk Between Alpha-Synuclein and Other Human and Non-Human Amyloidogenic Proteins: Consequences for Amyloid Formation in Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2020, 10, 819-830.	2.8	16
23	The Caenorhabditis elegans homolog of human copper chaperone Atox1, CUC-1, aids in distal tip cell migration. BioMetals, 2020, 33, 147-157.	4.1	3
24	Single-vesicle imaging reveals lipid-selective and stepwise membrane disruption by monomeric Î±-synuclein. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14178-14186.	7.1	49
25	Differential effects of Cu2+ and Fe3+ ions on in vitro amyloid formation of biologically-relevant Î±-synuclein variants. BioMetals, 2020, 33, 97-106.	4.1	11
26	Single-cell tracking demonstrates copper chaperone Atox1 to be required for breast cancer cell migration. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2014-2019.	7.1	78
27	Female Faculty: Why So Few and Why Care?. Chemistry - A European Journal, 2020, 26, 8319-8323.	3.3	18
28	A gut bacterial amyloid promotes Î±-synuclein aggregation and motor impairment in mice. ELife, 2020, 9, .	6.0	251
29	Copper relay path through the N-terminus of Wilson disease protein, ATP7B. Metallomics, 2019, 11, 1472-1480.	2.4	19
30	Wilson disease missense mutations in ATP7B affect metal-binding domain structural dynamics. BioMetals, 2019, 32, 875-885.	4.1	8
31	Interaction between Copper Chaperone Atox1 and Parkinsonâ€™s Disease Protein Î±-Synuclein Includes Metal-Binding Sites and Occurs in Living Cells. ACS Chemical Neuroscience, 2019, 10, 4659-4668.	3.5	20
32	Synaptic vesicle mimics affect the aggregation of wild-type and A53T Î±-synuclein variants differently albeit similar membrane affinity. Protein Engineering, Design and Selection, 2019, 32, 59-66.	2.1	6
33	Alpha-Synuclein Binds to DNA and Modulates its Physical Properties. Biophysical Journal, 2019, 116, 506a.	0.5	0
34	Crowding-Induced Elongated Conformation of Urea-Unfolded Apoazurin: Investigating the Role of Crowder Shape in Silico. Journal of Physical Chemistry B, 2019, 123, 3607-3617.	2.6	25
35	Membraneâ€“Proteinâ€“Hydration Interaction of Î±-Synuclein with Anionic Vesicles Probed via Angle-Resolved Second-Harmonic Scattering. Journal of Physical Chemistry B, 2019, 123, 1044-1049.	2.6	10
36	Folding of copper proteins: role of the metal?. Quarterly Reviews of Biophysics, 2018, 51, e4.	5.7	23

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37	Abundant fish protein inhibits Î±-synuclein amyloid formation. Scientific Reports, 2018, 8, 5465.	3.3	29
38	Fucosylated Molecules Competitively Interfere with Cholera Toxin Binding to Host Cells. ACS Infectious Diseases, 2018, 4, 758-770.	3.8	42
39	The Role of Lipid Chemistry in Alpha-Synuclein Membrane Binding and Aggregation. Biophysical Journal, 2018, 114, 277a.	0.5	0
40	3D-Models of Insulin-Producing Î²-Cells: from Primary Islet Cells to Stem Cell-Derived Islets. Stem Cell Reviews and Reports, 2018, 14, 177-188.	5.6	15
41	Interaction of the Copper Chaperone Atox1 with Alpha-Synuclein. Biophysical Journal, 2018, 114, 77a.	0.5	0
42	Copper Chaperone Atox1 Interacts with Cell Cycle Proteins. Computational and Structural Biotechnology Journal, 2018, 16, 443-449.	4.1	19
43	Copper distribution in breast cancer cells detected by time-of-flight secondary ion mass spectrometry with delayed extraction methodology. Biointerphases, 2018, 13, 06E412.	1.6	11
44	Geometrical Description of Protein Structural Motifs. Journal of Physical Chemistry B, 2018, 122, 11289-11294.	2.6	8
45	A Luminal Loop of Wilson Disease Protein Binds Copper and Is Required for Protein Activity. Biophysical Journal, 2018, 115, 1007-1018.	0.5	3
46	Exosomes from Human Pancreatic Islets Suppress IAPP Amyloid Formation. Biophysical Journal, 2018, 114, 78a.	0.5	0
47	Synergistic Effects of Copper Sites on Apparent Stability of Multicopper Oxidase, Fet3p. International Journal of Molecular Sciences, 2018, 19, 269.	4.1	3
48	Alphaâ€Synuclein Modulates the Physical Properties of DNA. Chemistry - A European Journal, 2018, 24, 15685-15690.	3.3	29
49	In Vitro Analysis of Î±-Synuclein Amyloid Formation and Cross-Reactivity. Methods in Molecular Biology, 2018, 1779, 73-83.	0.9	5
50	Copper chaperone blocks amyloid formation via ternary complex. Quarterly Reviews of Biophysics, 2018, 51, e6.	5.7	10
51	Cross-Reactivity of Alpha-Synuclein with Other Cellular Components Can Dramatically Modulate Amyloid Formation. Biophysical Journal, 2017, 112, 365a.	0.5	0
52	Unraveling amyloid formation paths of Parkinson's disease protein Î±-synuclein triggered by anionic vesicles. Quarterly Reviews of Biophysics, 2017, 50, e3.	5.7	21
53	Defining the human copper proteome and analysis of its expression variation in cancers. Metallomics, 2017, 9, 112-123.	2.4	168
54	Copper chaperone Atox1 plays role in breast cancer cell migration. Biochemical and Biophysical Research Communications, 2017, 483, 301-304.	2.1	46

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55	Extracellular vesicles from human pancreatic islets suppress human islet amyloid polypeptide amyloid formation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11127-11132.	7.1	31
56	Copper chaperone ATOX1 regulates pluripotency factor OCT4 in preimplantation mouse embryos. Biochemical and Biophysical Research Communications, 2017, 491, 147-153.	2.1	6
57	The six metal binding domains in human copper transporter, ATP7B: molecular biophysics and disease-causing mutations. BioMetals, 2017, 30, 823-840.	4.1	29
58	Probing functional roles of Wilson disease protein (ATP7B) copper-binding domains in yeast. Metallomics, 2017, 9, 981-988.	2.4	12
59	Disease-causing point-mutations in metal-binding domains of Wilson disease protein decrease stability and increase structural dynamics. BioMetals, 2017, 30, 27-35.	4.1	13
60	Roles of Copper-Binding Proteins in Breast Cancer. International Journal of Molecular Sciences, 2017, 18, 871.	4.1	68
61	A stretched conformation of DNA with a biological role?. Quarterly Reviews of Biophysics, 2017, 50, e11.	5.7	17
62	Second harmonic generation for collagen I characterization in rectal cancer patients with and without preoperative radiotherapy. Journal of Biomedical Optics, 2017, 22, 1.	2.6	8
63	Effects of small-molecule amyloid modulators on a Drosophila model of Parkinsonâ€™s disease. PLoS ONE, 2017, 12, e0184117.	2.5	11
64	Gut Microbiota Regulate Motor Deficits and Neuroinflammation in a Model of Parkinsonâ€™s Disease. Cell, 2016, 167, 1469-1480.e12.	28.9	2,399
65	Attenuating Listeria monocytogenes Virulence by Targeting the Regulatory Protein PrfA. Cell Chemical Biology, 2016, 23, 404-414.	5.2	35
66	Protein Interactions that Enable Safe and Efficient Copper Ion Transport in the Human Cytoplasm. Biophysical Journal, 2016, 110, 179a.	0.5	0
67	A Copper Story: From Protein Folding and Metal Transport to Cancer. Israel Journal of Chemistry, 2016, 56, 671-681.	2.3	6
68	Cross-talk between amyloidogenic proteins in type-2 diabetes and Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12473-12477.	7.1	129
69	Extended functional repertoire for human copper chaperones. Biomolecular Concepts, 2016, 7, 29-39.	2.2	33
70	Copper binding triggers compaction in N-terminal tail of human copper pump ATP7B. Biochemical and Biophysical Research Communications, 2016, 470, 663-669.	2.1	16
71	The C-Terminus of Human Copper Importer Ctr1 Acts as a Binding Site and Transfers Copper to Atox1. Biophysical Journal, 2016, 110, 95-102.	0.5	49
72	Unresolved questions in human copper pump mechanisms. Quarterly Reviews of Biophysics, 2015, 48, 471-478.	5.7	14

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73	Insulin-degrading enzyme prevents Î±-synuclein fibril formation in a nonproteolytical manner. Scientific Reports, 2015, 5, 12531.	3.3	88
74	Single injection of small-molecule amyloid accelerator results in cell death of nigral dopamine neurons in mice. Npj Parkinson's Disease, 2015, 1, 15024.	5.3	9
75	Identification of New Potential Interaction Partners for Human Cytoplasmic Copper Chaperone Atox1: Roles in Gene Regulation?. International Journal of Molecular Sciences, 2015, 16, 16728-16739.	4.1	26
76	Bacterial Chaperones CsgE and CsgC Differentially Modulate Human Î±-Synuclein Amyloid Formation via Transient Contacts. PLoS ONE, 2015, 10, e0140194.	2.5	57
77	Enthalpy-entropy compensation at play in human copper ion transfer. Scientific Reports, 2015, 5, 10518.	3.3	18
78	Direct Correlation Between Ligand-Induced Î±-Synuclein Oligomers and Amyloid-like Fibril Growth. Scientific Reports, 2015, 5, 10422.	3.3	29
79	Synthesis of Multiring Fused 2-Pyridones via a Nitrene Insertion Reaction: Fluorescent Modulators of Î±-Synuclein Amyloid Formation. Organic Letters, 2015, 17, 6194-6197.	4.6	18
80	Human cytoplasmic copper chaperones Atox1 and CCS exchange copper ions in vitro. BioMetals, 2015, 28, 577-585.	4.1	29
81	The Bacterial Curli System Possesses a Potent and Selective Inhibitor of Amyloid Formation. Molecular Cell, 2015, 57, 445-455.	9.7	176
82	Tuning of Alpha-Synuclein Aggregation by Small Molecules and Bacterial Proteins. Biophysical Journal, 2015, 108, 522a.	0.5	0
83	Insulin-degrading enzyme is activated by the C-terminus of Î±-synuclein. Biochemical and Biophysical Research Communications, 2015, 466, 192-195.	2.1	27
84	Human Copper Chaperone Atox1 Translocates to the Nucleus but does not Bind DNA In Vitro. Protein and Peptide Letters, 2015, 22, 532-538.	0.9	23
85	Synthetic crowding agent dextran causes excluded volume interactions exclusively to tracer protein apoazurin. FEBS Letters, 2014, 588, 811-814.	2.8	32
86	T versus D in the MTCXXC motif of copper transport proteins plays a role in directional metal transport. Journal of Biological Inorganic Chemistry, 2014, 19, 1037-1047.	2.6	15
87	Folding of an Unfolded Protein by Macromolecular Crowding in Vitro. Biochemistry, 2014, 53, 2271-2277.	2.5	53
88	Macromolecular Crowding Effects on Two Homologs of Ribosomal Protein S16: Protein-Dependent Structural Changes and Local Interactions. Biophysical Journal, 2014, 107, 401-410.	0.5	17
89	Effects of macromolecular crowding agents on protein folding in vitro and in silico. Biophysical Reviews, 2013, 5, 137-145.	3.2	69
90	In Vitro effects of Macromolecular Crowding on Protein Stability, Structure and Folding. Biophysical Journal, 2013, 104, 576a.	0.5	1

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91	Modulation of Curli Assembly and Pellicle Biofilm Formation by Chemical and Protein Chaperones. Chemistry and Biology, 2013, 20, 1245-1254.	6.0	72
92	Modulation of Î±-synuclein fibrillization by ring-fused 2-pyridones: Templation and inhibition involve oligomers with different structure. Archives of Biochemistry and Biophysics, 2013, 532, 84-90.	3.0	26
93	Direct Observation of Protein Unfolded State Compaction in the Presence of Macromolecular Crowding. Biophysical Journal, 2013, 104, 694-704.	0.5	55
94	Quantification of Excluded Volume Effects on the Folding Landscape of Pseudomonas aeruginosa Apoazurin InÂVitro. Biophysical Journal, 2013, 105, 1689-1699.	0.5	56
95	Small pH and Salt Variations Radically Alter the Thermal Stability of Metal-Binding Domains in the Copper Transporter, Wilson Disease Protein. Journal of Physical Chemistry B, 2013, 117, 13038-13050.	2.6	15
96	Interaction between the Anticancer Drug Cisplatin and the Copper Chaperone Atox1 in Human Melanoma Cells. Protein and Peptide Letters, 2013, 21, 63-68.	0.9	19
97	Determinants for Simultaneous Binding of Copper and Platinum to Human Chaperone Atox1: Hitchhiking not Hijacking. PLoS ONE, 2013, 8, e70473.	2.5	40
98	Interactions between DNA, transcriptional regulator Dreb2a and the Med25 mediator subunit from Arabidopsis thaliana involve conformational changes. Nucleic Acids Research, 2012, 40, 5938-5950.	14.5	27
99	Effects of Macromolecular Crowding on Burst Phase Kinetics of Cytochrome c Folding. Biochemistry, 2012, 51, 9836-9845.	2.5	43
100	Similar but Different: Thermodynamic and Structural Characterization of a Pair of Enantiomers Binding to Acetylcholinesterase. Angewandte Chemie - International Edition, 2012, 51, 12716-12720.	13.8	18
101	Comparison of Chemical and Thermal Protein Denaturation by Combination of Computational and Experimental Approaches. Biophysical Journal, 2012, 102, 457a-458a.	0.5	0
102	Effects of Macromolecular Crowding on Protein Biophysics. Biophysical Journal, 2012, 102, 475a.	0.5	0
103	Mechanisms of Protein Oligomerization: Inhibitor of Functional Amyloids Templates Î±-Synuclein Fibrillation. Journal of the American Chemical Society, 2012, 134, 3439-3444.	13.7	101
104	Role of metal in folding and stability of copper proteins in vitro. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1594-1603.	4.1	76
105	In Vitro Thermodynamic Dissection of Human Copper Transfer from Chaperone to Target Protein. PLoS ONE, 2012, 7, e36102.	2.5	26
106	Discovery of Ligands for ADP-Ribosyltransferases via Docking-Based Virtual Screening. Journal of Medicinal Chemistry, 2012, 55, 7706-7718.	6.4	37
107	Reaction of platinum anticancer drugs and drug derivatives with a copper transporting protein, Atox1. Biochemical Pharmacology, 2012, 83, 874-881.	4.4	29
108	Macromolecular Crowding Extended to a Heptameric System: The Co-chaperonin Protein 10. Biochemistry, 2011, 50, 3034-3044.	2.5	29

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109	Macromolecular Crowding Tunes Folding Landscape of Parallel Î±/Î² Protein, Apoflavodoxin. Journal of the American Chemical Society, 2011, 133, 646-648.	13.7	48
110	In Vitro Interactions Between Model Proteins and Amyloid Inhibitors. Biophysical Journal, 2011, 100, 400a.	0.5	0
111	Factors Defining Effects of Macromolecular Crowding on Protein Stability: an in vitro/in Silico Case Study using Cytochrome C. Biophysical Journal, 2011, 100, 396a.	0.5	0
112	Protein Folding Inside the Cell. Biophysical Journal, 2011, 101, 265-266.	0.5	7
113	Effects of Macromolecular Crowding on Oligomeric Protein Unfolding: Case Study with Human Co-Chaperonin Protein 10 (cpn10). Biophysical Journal, 2011, 100, 213a.	0.5	0
114	Comparison of chemical and thermal protein denaturation by combination of computational and experimental approaches. II. Journal of Chemical Physics, 2011, 135, 175102.	3.0	26
115	Cisplatin binds human copper chaperone Atox1 and promotes unfolding in vitro. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6951-6956.	7.1	94
116	Non-linear effects of macromolecular crowding on enzymatic activity of multi-copper oxidase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 740-744.	2.3	60
117	Residue Specific Analysis of Frustration in Folding Landscape of Repeat Alpha/Beta Protein Apoflavodoxin. Biophysical Journal, 2010, 98, 200a.	0.5	1
118	Protein Structure, Stability and Folding in the Cell - in vitro Biophysical Approaches. Biophysical Journal, 2010, 98, 5a.	0.5	0
119	Experimental Evolution of Adenylate Kinase Reveals Contrasting Strategies toward Protein Thermostability. Biophysical Journal, 2010, 99, 887-896.	0.5	26
120	Interdomain Interactions Modulate Collective Dynamics of the Metal-Binding Domains in the Wilson Disease Protein. Journal of Physical Chemistry B, 2010, 114, 1836-1848.	2.6	21
121	Factors Defining Effects of Macromolecular Crowding on Protein Stability: An in Vitro/in Silico Case Study Using Cytochrome c. Biochemistry, 2010, 49, 6519-6530.	2.5	137
122	Copper-Transfer Mechanism from the Human Chaperone Atox1 to a Metal-Binding Domain of Wilson Disease Protein. Journal of Physical Chemistry B, 2010, 114, 3698-3706.	2.6	44
123	Residue-Specific Analysis of Frustration in the Folding Landscape of Repeat Î²/Î± Protein Apoflavodoxin. Journal of Molecular Biology, 2010, 396, 75-89.	4.2	13
124	Metal Ions, Protein Folding, and Conformational States. , 2010, , 3-11.		1
125	Stability and Folding of Copper-Binding Proteins. , 2010, , 61-80.		1
126	Med8, Med18, and Med20 subunits of the Mediator head domain are interdependent upon each other for folding and complex formation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20728-20733.	7.1	7

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127	Folding, Stability and Shape of Proteins in Crowded Environments: Experimental and Computational Approaches. International Journal of Molecular Sciences, 2009, 10, 572-588.	4.1	65
128	Pseudosymmetry, high copy number and twinning complicate the structure determination ofDesulfovibrio desulfuricans(ATCC 29577) flavodoxin. Acta Crystallographica Section D: Biological Crystallography, 2009, 65, 523-534.	2.5	7
129	Lysine-60 in Copper Chaperone Atox1 Plays an Essential Role in Adduct Formation with a Target Wilson Disease Domain. Journal of the American Chemical Society, 2009, 131, 16371-16373.	13.7	40
130	Conformational Dynamics of Metal-Binding Domains in Wilson Disease Protein: Molecular Insights into Selective Copper Transfer. Biochemistry, 2009, 48, 5849-5863.	2.5	26
131	Tuning of Copper-Loop Flexibility in Bacillus subtilis CopZ Copper Chaperone: Role of Conserved Residues. Journal of Physical Chemistry B, 2009, 113, 1919-1932.	2.6	12
132	Differential Roles of Met10, Thr11, and Lys60 in Structural Dynamics of Human Copper Chaperone Atox1. Biochemistry, 2009, 48, 960-972.	2.5	17
133	Predicting protein folding cores by empirical potential functions. Archives of Biochemistry and Biophysics, 2009, 483, 16-22.	3.0	4
134	Macromolecular Crowding Modulates Folding Mechanism of Î±/Î² Protein Apoflavodoxin. Biophysical Journal, 2009, 96, 671-680.	0.5	77
135	Direct Optical Detection of Aptamer Conformational Changes Induced by Target Molecules. Analytical Chemistry, 2009, 81, 10002-10006.	6.5	89
136	Gold Nanoparticles Can Induce the Formation of Protein-based Aggregates at Physiological pH. Nano Letters, 2009, 9, 666-671.	9.1	352
137	Crowded, Cell-like Environment Induces Shape Changes In Aspherical Protein. Biophysical Journal, 2009, 96, 568a.	0.5	0
138	Mapping the domain structure of the influenza A virus polymerase acidic protein (PA) and its interaction with the basic protein 1 (PB1) subunit. Virology, 2008, 379, 135-142.	2.4	34
139	Role of Copper in Thermal Stability of Human Ceruloplasmin. Biophysical Journal, 2008, 94, 1384-1391.	0.5	42
140	Location and Flexibility of the Unique C-Terminal Tail of Aquifex aeolicus Co-Chaperonin Protein 10 as Derived by Cryo-Electron Microscopy and Biophysical Techniques. Journal of Molecular Biology, 2008, 381, 707-717.	4.2	13
141	Stability and ATP Binding of the Nucleotide-binding Domain of the Wilson Disease Protein: Effect of the Common H1069Q Mutation. Journal of Molecular Biology, 2008, 383, 1097-1111.	4.2	28
142	Role of cations in stability of acidic protein Desulfovibrio desulfuricans apoflavodoxin. Archives of Biochemistry and Biophysics, 2008, 474, 128-135.	3.0	18
143	Effect of Hofmeister ions on protein thermal stability: Roles of ion hydration and peptide groups?. Archives of Biochemistry and Biophysics, 2008, 479, 69-73.	3.0	94
144	Structure and Dynamics of Cu(I) Binding in Copper Chaperones Atox1 and CopZ:â€‰ A Computer Simulation Study. Journal of Physical Chemistry B, 2008, 112, 4583-4593.	2.6	30

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145	Conserved residues modulate copper release in human copper chaperone Atox1. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11158-11163.	7.1	43
146	In vitro unfolding of yeast multicopper oxidase Fet3p variants reveals unique role of each metal site. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19258-19263.	7.1	32
147	Response to Harve et al : Effects on protein folding speed and shape despite possible size changes in Ficoll 70. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, .	7.1	0
148	Crowded, cell-like environment induces shape changes in aspherical protein. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11754-11759.	7.1	194
149	Establishing the entatic state in folding metallated Pseudomonas aeruginosa azurin. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3159-3164.	7.1	26
150	An adaptive mutation in adenylate kinase that increases organismal fitness is linked to stability-activity trade-offs. Protein Engineering, Design and Selection, 2007, 21, 19-27.	2.1	32
151	Folding and assembly of co-chaperonin heptamer probed by forster resonance energy transfer. Archives of Biochemistry and Biophysics, 2007, 464, 306-313.	3.0	3
152	Role of copper in folding and stability of cupredoxin-like copper-carrier protein CopC. Archives of Biochemistry and Biophysics, 2007, 467, 58-66.	3.0	17
153	Macromolecular crowding increases structural content of folded proteins. FEBS Letters, 2007, 581, 5065-5069.	2.8	111
154	Discrete Roles of Copper Ions in Chemical Unfolding of Human Ceruloplasmin. Biochemistry, 2007, 46, 9638-9644.	2.5	26
155	Molecular crowding enhances native structure and stability of Î±/Î² protein flavodoxin. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18976-18981.	7.1	245
156	Impact of cofactor on stability of bacterial (CopZ) and human (Atox1) copper chaperones. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2007, 1774, 1316-1322.	2.3	28
157	Thermodynamic stability and folding of proteins from hyperthermophilic organisms. FEBS Journal, 2007, 274, 4023-4033.	4.7	92
158	On the precision of experimentally determined protein folding rates and Â-values. Protein Science, 2006, 15, 553-563.	7.6	41
159	Differential Effects of Alcohols on Conformational Switchovers in Î±-Helical and Î²-Sheet Protein Modelsâ€. Biochemistry, 2006, 45, 7740-7749.	2.5	64
160	Ït-Value Analysis of Apo-Azurin Folding:â€‰ Comparison between Experiment and Theory. Biochemistry, 2006, 45, 6458-6466.	2.5	26
161	Folding of Desulfovibrio desulfuricans flavodoxin is accelerated by cofactor fly-casting. Archives of Biochemistry and Biophysics, 2006, 451, 51-58.	3.0	21
162	Folding and assembly pathways of co-chaperonin proteins 10: Origin of bacterial thermostability. Archives of Biochemistry and Biophysics, 2006, 456, 8-18.	3.0	16

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163	Kinetic Folding and Assembly Mechanisms Differ for Two Homologous Heptamers. Journal of Molecular Biology, 2006, 363, 729-742.	4.2	19
164	Solvation of the folding-transition state in Pseudomonas aeruginosa azurin is modulated by metal: Solvation of azurin's folding nucleus. Protein Science, 2006, 15, 843-852.	7.6	14
165	Correlation between Protein Stability Cores and Protein Folding Kinetics: A Case Study on Pseudomonas aeruginosa Apo-Azurin. Structure, 2006, 14, 1401-1410.	3.3	12
166	FMN binding and unfolding of Desulfovibrio desulfuricans flavodoxin: â€œhiddenâ€•intermediates at low denaturant concentrations. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2005, 1747, 239-250.	2.3	18
167	The experimental folding landscape of monomeric lactose repressor, a large two-domain protein, involves two kinetic intermediates. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14563-14568.	7.1	27
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