

# Robert T Sauer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3218626/publications.pdf>

Version: 2024-02-01

281  
papers

25,063  
citations

5782

84  
h-index

10955

142  
g-index

294  
all docs

294  
docs citations

294  
times ranked

14825  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acyldepsipeptide Antibiotics and a Bioactive Fragment Thereof Differentially Perturb <i>Mycobacterium tuberculosis</i> ClpXP1P2 Activity <i>in Vitro</i> . ACS Chemical Biology, 2023, 18, 724-733.	1.6	12
2	Structure and function of ClpXP, a AAA+ proteolytic machine powered by probabilistic ATP hydrolysis. Critical Reviews in Biochemistry and Molecular Biology, 2022, 57, 188-204.	2.3	17
3	ClpP1P2 peptidase activity promotes biofilm formation in <i>Pseudomonas aeruginosa</i> . Molecular Microbiology, 2021, 115, 1094-1109.	1.2	15
4	Heat activates the AAA+ HslUV protease by melting an axial autoinhibitory plug. Cell Reports, 2021, 34, 108639.	2.9	7
5	Division of labor between the pore-1 loops of the D1 and D2 AAA+ rings coordinates substrate selectivity of the ClpAP protease. Journal of Biological Chemistry, 2021, , 101407.	1.6	2
6	Modular and coordinated activity of AAA+ active sites in the double-ring ClpA unfoldase of the ClpAP protease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25455-25463.	3.3	11
7	The Intrinsically Disordered N-terminal Extension of the ClpS Adaptor Reprograms Its Partner AAA + ClpAP Protease. Journal of Molecular Biology, 2020, 432, 4908-4921.	2.0	7
8	Multistep substrate binding and engagement by the AAA+ ClpXP protease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28005-28013.	3.3	16
9	The Non-dominant AAA+ Ring in the ClpAP Protease Functions as an Anti-stalling Motor to Accelerate Protein Unfolding and Translocation. Cell Reports, 2020, 30, 2644-2654.e3.	2.9	21
10	Structures of the ATP-fueled ClpXP proteolytic machine bound to protein substrate. ELife, 2020, 9, .	2.8	105
11	ClpAP proteolysis does not require rotation of the ClpA unfoldase relative to ClpP. ELife, 2020, 9, .	2.8	9
12	Structural basis of ClpXP recognition and unfolding of ssrA-tagged substrates. ELife, 2020, 9, .	2.8	48
13	A mutagenesis screen for essential plastid biogenesis genes in human malaria parasites. PLoS Biology, 2019, 17, e3000136.	2.6	37
14	Roles of the ClpX IGF loops in ClpP association, dissociation, and protein degradation. Protein Science, 2019, 28, 756-765.	3.1	25
15	Interactions between a subset of substrate side chains and AAA+ motor pore loops determine grip during protein unfolding. ELife, 2019, 8, .	2.8	20
16	Mechanical Protein Unfolding and Degradation. Annual Review of Physiology, 2018, 80, 413-429.	5.6	70
17	Structure of the Mitochondrial Aminolevulinic Acid Synthase, a Key Heme Biosynthetic Enzyme. Structure, 2018, 26, 580-589.e4.	1.6	38
18	Hinge-Linker Elements in the AAA+ Protein Unfoldase ClpX Mediate Intersubunit Communication, Assembly, and Mechanical Activity. Biochemistry, 2018, 57, 6787-6796.	1.2	18

#	ARTICLE	IF	CITATIONS
19	Structural and Functional Analysis of E.Âcoli Cyclopropane Fatty Acid Synthase. <i>Structure</i> , 2018, 26, 1251-1258.e3.	1.6	27
20	Covalently linked HslU hexamers support a probabilistic mechanism that links ATP hydrolysis to protein unfolding and translocation. <i>Journal of Biological Chemistry</i> , 2017, 292, 5695-5704.	1.6	13
21	Rational Design of Selective and Bioactive Inhibitors of the Mycobacterium tuberculosis Proteasome. <i>ACS Infectious Diseases</i> , 2017, 3, 176-181.	1.8	19
22	Effect of directional pulling on mechanical protein degradation by ATP-dependent proteolytic machines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6306-E6313.	3.3	44
23	Small molecule inhibition of apicomplexan FtsH1 disrupts plastid biogenesis in human pathogens. <i>ELife</i> , 2017, 6, .	2.8	47
24	A Structurally Dynamic Region of the HslU Intermediate Domain Controls Protein Degradation and ATP Hydrolysis. <i>Structure</i> , 2016, 24, 1766-1777.	1.6	9
25	The AAA+ FtsH Protease Degrades an <i>ssrA</i> -Tagged Model Protein in the Inner Membrane of <i>Escherichia coli</i> . <i>Biochemistry</i> , 2016, 55, 5649-5652.	1.2	18
26	Mechanistic insights into bacterial AAA+ proteases and protein-remodelling machines. <i>Nature Reviews Microbiology</i> , 2016, 14, 33-44.	13.6	243
27	Highly Dynamic Interactions Maintain Kinetic Stability of the ClpXP Protease During the ATP-Fueled Mechanical Cycle. <i>ACS Chemical Biology</i> , 2016, 11, 1552-1560.	1.6	29
28	Structural Basis of an N-Degron Adaptor with More Stringent Specificity. <i>Structure</i> , 2016, 24, 232-242.	1.6	27
29	Origin and Functional Evolution of the Cdc48/p97/VCP AAA+ Protein Unfolding and Remodeling Machine. <i>Journal of Molecular Biology</i> , 2016, 428, 1861-1869.	2.0	60
30	<sc>A</sc>n <sc>ALS</sc> disease mutation in <sc>C</sc>dc48/p97 impairs 20<sc>S</sc> proteasome binding and proteolytic communication. <i>Protein Science</i> , 2015, 24, 1521-1527.	3.1	19
31	Examination of a Structural Model of Peptidomimicry by Cyclic Acyldepsipeptide Antibiotics in Their Interaction with the ClpP Peptidase. <i>ChemBioChem</i> , 2015, 16, 1875-1879.	1.3	7
32	Coordinated gripping of substrate by subunits of a AAA+ proteolytic machine. <i>Nature Chemical Biology</i> , 2015, 11, 201-206.	3.9	56
33	A Conserved Activation Cluster Is Required for Allosteric Communication in HtrA-Family Proteases. <i>Structure</i> , 2015, 23, 517-526.	1.6	32
34	Assaying the kinetics of protein denaturation catalyzed by AAA+ unfolding machines and proteases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5377-5382.	3.3	29
35	Subunit asymmetry and roles of conformational switching in the hexameric AAA+ ring of ClpX. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 411-416.	3.6	36
36	Deciphering the Roles of Multicomponent Recognition Signals by the AAA + Unfoldase ClpX. <i>Journal of Molecular Biology</i> , 2015, 427, 2966-2982.	2.0	11

#	ARTICLE	IF	CITATIONS
37	Steric clashes with bound OMP peptides activate the DegS stress-response protease. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3326-3331.	3.3	19
38	Dissection of Axial-Pore Loop Function during Unfolding and Translocation by a AAA+ Proteolytic Machine. Cell Reports, 2015, 12, 1032-1041.	2.9	48
39	Substrate-guided optimization of the syringolins yields potent proteasome inhibitors with activity against leukemia cell lines. Bioorganic and Medicinal Chemistry, 2015, 23, 6218-6222.	1.4	8
40	Substrate delivery by the AAA+ ClpX and ClpC1 unfoldases activates the mycobacterial ClpP1P2 peptidase. Molecular Microbiology, 2014, 93, 617-628.	1.2	62
41	Overexpression of CupB5 activates alginate overproduction in <i>Pseudomonas aeruginosa</i> by a novel AlgW-dependent mechanism. Molecular Microbiology, 2014, 93, 415-425.	1.2	15
42	Architecture and assembly of the archaeal Cdc48-20S proteasome. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1687-94.	3.3	53
43	Roles of the N domain of the AAA+ Lon protease in substrate recognition, allosteric regulation and chaperone activity. Molecular Microbiology, 2014, 91, 66-78.	1.2	36
44	Distinct regulatory mechanisms balance DegP proteolysis to maintain cellular fitness during heat stress. Genes and Development, 2014, 28, 902-911.	2.7	29
45	Restriction of the Conformational Dynamics of the Cyclic Acyldepsipeptide Antibiotics Improves Their Antibacterial Activity. Journal of the American Chemical Society, 2014, 136, 1922-1929.	6.6	73
46	A Simple Fragment of Cyclic Acyldepsipeptides Is Necessary and Sufficient for ClpP Activation and Antibacterial Activity. ChemBioChem, 2014, 15, 2216-2220.	1.3	29
47	Remodeling of a delivery complex allows ClpS-mediated degradation of N-degron substrates. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3853-9.	3.3	38
48	Stochastic but Highly Coordinated Protein Unfolding and Translocation by the ClpXP Proteolytic Machine. Cell, 2014, 158, 647-658.	13.5	120
49	Mechanochemical basis of protein degradation by a double-ring AAA+ machine. Nature Structural and Molecular Biology, 2014, 21, 871-875.	3.6	77
50	Crystal structure of <i>Mycobacterium tuberculosis</i> ClpP1P2 suggests a model for peptidase activation by AAA+ partner binding and substrate delivery. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4587-95.	3.3	82
51	Dual Molecular Signals Mediate the Bacterial Response to Outer-Membrane Stress. Science, 2013, 340, 837-841.	6.0	159
52	Antibacterial Activity of and Resistance to Small Molecule Inhibitors of the ClpP Peptidase. ACS Chemical Biology, 2013, 8, 2669-2677.	1.6	58
53	A Mutation in the N Domain of Escherichia coli Lon Stabilizes Dodecamers and Selectively Alters Degradation of Model Substrates. Journal of Bacteriology, 2013, 195, 5622-5628.	1.0	10
54	Mutagenic dissection of the sequence determinants of protein folding, recognition, and machine function. Protein Science, 2013, 22, 1675-1687.	3.1	4

#	ARTICLE	IF	CITATIONS
55	Engineering fluorescent protein substrates for the AAA+ Lon protease. <i>Protein Engineering, Design and Selection</i> , 2013, 26, 299-305.	1.0	22
56	Allosteric regulation of DegS protease subunits through a shared energy landscape. <i>Nature Chemical Biology</i> , 2013, 9, 90-96.	3.9	40
57	Nucleotide Binding and Conformational Switching in the Hexameric Ring of a AAA+ Machine. <i>Cell</i> , 2013, 153, 628-639.	13.5	97
58	Bipartite determinants mediate an evolutionarily conserved interaction between Cdc48 and the 20S proteasome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3327-3332.	3.3	56
59	Distinct quaternary structures of the AAA+ Lon protease control substrate degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2002-8.	3.3	64
60	Cage assembly of DegP protease is not required for substrate-dependent regulation of proteolytic activity or high-temperature cell survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7263-7268.	3.3	51
61	Identification of the Cdc48-20S Proteasome as an Ancient AAA+ Proteolytic Machine. <i>Science</i> , 2012, 337, 843-846.	6.0	111
62	The I domain of the AAA+ HslUV protease coordinates substrate binding, ATP hydrolysis, and protein degradation. <i>Protein Science</i> , 2012, 21, 188-198.	3.1	13
63	Protein unfolding and degradation by the AAA+ Lon protease. <i>Protein Science</i> , 2012, 21, 268-278.	3.1	40
64	Dynamic and static components power unfolding in topologically closed rings of a AAA+ proteolytic machine. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 616-622.	3.6	56
65	ClpXP, an ATP-powered unfolding and protein-degradation machine. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 15-28.	1.9	384
66	Small-Molecule Control of Protein Degradation Using Split Adaptors. <i>ACS Chemical Biology</i> , 2011, 6, 1205-1213.	1.6	35
67	AAA+ Proteases: ATP-Fueled Machines of Protein Destruction. <i>Annual Review of Biochemistry</i> , 2011, 80, 587-612.	5.0	638
68	Signal integration by DegS and RseB governs the $\sigma^E$ -mediated envelope stress response in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2106-2111.	3.3	63
69	Covalent Linkage of Distinct Substrate Degrons Controls Assembly and Disassembly of DegP Proteolytic Cages. <i>Cell</i> , 2011, 145, 67-78.	13.5	81
70	Single-Molecule Protein Unfolding and Translocation by an ATP-Fueled Proteolytic Machine. <i>Cell</i> , 2011, 145, 257-267.	13.5	251
71	The ClpS Adaptor Mediates Staged Delivery of N-End Rule Substrates to the AAA+ ClpAP Protease. <i>Molecular Cell</i> , 2011, 43, 217-228.	4.5	59
72	Stepwise Unfolding of a $\beta^2$ Barrel Protein by the AAA+ ClpXP Protease. <i>Journal of Molecular Biology</i> , 2011, 413, 4-16.	2.0	66

#	ARTICLE	IF	CITATIONS
73	Design, construction and characterization of a set of insulated bacterial promoters. <i>Nucleic Acids Research</i> , 2011, 39, 1131-1141.	6.5	302
74	Versatile modes of peptide recognition by the ClpX N domain mediate alternative adaptor binding specificities in different bacterial species. <i>Protein Science</i> , 2010, 19, 242-254.	3.1	20
75	The IbpA and IbpB small heat shock proteins are substrates of the AAA+ Lon protease. <i>Molecular Microbiology</i> , 2010, 75, 1539-1549.	1.2	74
76	The AAA+ ClpX machine unfolds a keystone subunit to remodel the Mu transpososome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2437-2442.	3.3	20
77	Allostery Is an Intrinsic Property of the Protease Domain of DegS. <i>Journal of Biological Chemistry</i> , 2010, 285, 34039-34047.	1.6	37
78	Control of Substrate Gating and Translocation into ClpP by Channel Residues and ClpX Binding. <i>Journal of Molecular Biology</i> , 2010, 399, 707-718.	2.0	74
79	Multiple Sequence Signals Direct Recognition and Degradation of Protein Substrates by the AAA+ Protease HslUV. <i>Journal of Molecular Biology</i> , 2010, 403, 420-429.	2.0	10
80	Molecular basis of substrate selection by the N-end rule adaptor protein ClpS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8888-8893.	3.3	54
81	Analyzing the Interaction of RseA and RseB, the Two Negative Regulators of the $\sigma^E$ Envelope Stress Response, Using a Combined Bioinformatic and Experimental Strategy. <i>Journal of Biological Chemistry</i> , 2009, 284, 5403-5413.	1.6	11
82	Engineering Synthetic Adaptors and Substrates for Controlled ClpXP Degradation. <i>Journal of Biological Chemistry</i> , 2009, 284, 21848-21855.	1.6	22
83	Degrons in protein substrates program the speed and operating efficiency of the AAA+ Lon proteolytic machine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18503-18508.	3.3	72
84	Single-molecule denaturation and degradation of proteins by the AAA+ ClpXP protease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19340-19345.	3.3	41
85	OMP Peptides Activate the DegS Stress-Sensor Protease by a Relief of Inhibition Mechanism. <i>Structure</i> , 2009, 17, 1411-1421.	1.6	40
86	Control of <i>Pseudomonas aeruginosa</i> AlgW protease cleavage of MucA by peptide signals and MucB. <i>Molecular Microbiology</i> , 2009, 72, 368-379.	1.2	77
87	Polypeptide Translocation by the AAA+ ClpXP Protease Machine. <i>Chemistry and Biology</i> , 2009, 16, 605-612.	6.2	61
88	Structures of Asymmetric ClpX Hexamers Reveal Nucleotide-Dependent Motions in a AAA+ Protein-Unfolding Machine. <i>Cell</i> , 2009, 139, 744-756.	13.5	231
89	OMP Peptides Modulate the Activity of DegS Protease by Differential Binding to Active and Inactive Conformations. <i>Molecular Cell</i> , 2009, 33, 64-74.	4.5	44
90	Protein unfolding by a AAA+ protease is dependent on ATP-hydrolysis rates and substrate energy landscapes. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 139-145.	3.6	116

#	ARTICLE	IF	CITATIONS
91	Distinct structural elements of the adaptor ClpS are required for regulating degradation by ClpAP. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 288-294.	3.6	45
92	Pore loops of the AAA+ ClpX machine grip substrates to drive translocation and unfolding. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 1147-1151.	3.6	244
93	Asymmetric Nucleotide Transactions of the HslUV Protease. <i>Journal of Molecular Biology</i> , 2008, 380, 946-957.	2.0	47
94	Diverse Pore Loops of the AAA+ ClpX Machine Mediate Unassisted and Adaptor-Dependent Recognition of <i>ssrA</i> -Tagged Substrates. <i>Molecular Cell</i> , 2008, 29, 441-450.	4.5	146
95	Unique Contacts Direct High-Priority Recognition of the Tetrameric Mu Transposase-DNA Complex by the AAA+ Unfoldase ClpX. <i>Molecular Cell</i> , 2008, 30, 39-50.	4.5	32
96	The Molecular Basis of N-End Rule Recognition. <i>Molecular Cell</i> , 2008, 32, 406-414.	4.5	85
97	Forced extraction of targeted components from complex macromolecular assemblies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11685-11690.	3.3	21
98	Tuning the Strength of a Bacterial N-end Rule Degradation Signal. <i>Journal of Biological Chemistry</i> , 2008, 283, 24600-24607.	1.6	50
99	Recognition of misfolded proteins by Lon, a AAA+ protease. <i>Genes and Development</i> , 2008, 22, 2267-2277.	2.7	216
100	Revisiting the mechanism of macrolide-antibiotic resistance mediated by ribosomal protein L22. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18261-18266.	3.3	44
101	Evolution of the <i>ssrA</i> degradation tag in <i>Mycoplasma</i> : Specificity switch to a different protease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16113-16118.	3.3	65
102	Inhibition of regulated proteolysis by RseB. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3771-3776.	3.3	73
103	Direct and adaptor-mediated substrate recognition by an essential AAA+ protease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6590-6595.	3.3	84
104	ClpS modulates but is not essential for bacterial N-end rule degradation. <i>Genes and Development</i> , 2007, 21, 403-408.	2.7	64
105	Allosteric Activation of DegS, a Stress Sensor PDZ Protease. <i>Cell</i> , 2007, 131, 572-583.	13.5	114
106	Altered Specificity of a AAA+ Protease. <i>Molecular Cell</i> , 2007, 25, 161-166.	4.5	44
107	Distinct Static and Dynamic Interactions Control ATPase-Peptidase Communication in a AAA+ Protease. <i>Molecular Cell</i> , 2007, 27, 41-52.	4.5	113
108	The tmRNA System for Translational Surveillance and Ribosome Rescue. <i>Annual Review of Biochemistry</i> , 2007, 76, 101-124.	5.0	296

#	ARTICLE	IF	CITATIONS
109	Altered Tethering of the SspB Adaptor to the ClpXP Protease Causes Changes in Substrate Delivery. <i>Journal of Biological Chemistry</i> , 2007, 282, 11465-11473.	1.6	28
110	Structure and Substrate Specificity of an SspB Ortholog: Design Implications for AAA+ Adaptors. <i>Structure</i> , 2007, 15, 1296-1305.	1.6	18
111	Proteomic Profiling of ClpXP Substrates after DNA Damage Reveals Extensive Instability within SOS Regulon. <i>Molecular Cell</i> , 2006, 22, 193-204.	4.5	172
112	Engineering Controllable Protein Degradation. <i>Molecular Cell</i> , 2006, 22, 701-707.	4.5	202
113	ATP-dependent proteases of bacteria: recognition logic and operating principles. <i>Trends in Biochemical Sciences</i> , 2006, 31, 647-653.	3.7	258
114	Cytoplasmic degradation of ssrA-tagged proteins. <i>Molecular Microbiology</i> , 2005, 57, 1750-1761.	1.2	134
115	Ribosome rescue: tmRNA tagging activity and capacity in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2005, 58, 456-466.	1.2	109
116	Nucleotide-dependent substrate recognition by the AAA+ HslUV protease. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 245-251.	3.6	63
117	Versatile modes of peptide recognition by the AAA+ adaptor protein SspB. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 520-525.	3.6	39
118	Rebuilt AAA + motors reveal operating principles for ATP-fuelled machines. <i>Nature</i> , 2005, 437, 1115-1120.	13.7	344
119	Partitioning between unfolding and release of native domains during ClpXP degradation determines substrate selectivity and partial processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1390-1395.	3.3	94
120	Sequence determinants of a conformational switch in a protein structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18344-18349.	3.3	30
121	Consolidating critical binding determinants by noncyclic rearrangement of protein secondary structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2305-2309.	3.3	6
122	Specificity versus stability in computational protein design. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12724-12729.	3.3	129
123	Asymmetric Interactions of ATP with the AAA+ ClpX6 Unfoldase: Allosteric Control of a Protein Machine. <i>Cell</i> , 2005, 121, 1017-1027.	13.5	158
124	Role of the processing pore of the ClpX AAA+ ATPase in the recognition and engagement of specific protein substrates. <i>Genes and Development</i> , 2004, 18, 369-374.	2.7	146
125	Modulating substrate choice: the SspB adaptor delivers a regulator of the extracytoplasmic-stress response to the AAA+ protease ClpXP for degradation. <i>Genes and Development</i> , 2004, 18, 2292-2301.	2.7	175
126	Ribosomal protein S1 binds mRNA and tmRNA similarly but plays distinct roles in translation of these molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 13454-13459.	3.3	54



#	ARTICLE	IF	CITATIONS
127	SspB delivery of substrates for ClpXP proteolysis probed by the design of improved degradation tags. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12136-12141.	3.3	57
128	Signaling degradation. Nature Structural and Molecular Biology, 2004, 11, 800-802.	3.6	5
129	Communication between ClpX and ClpP during substrate processing and degradation. Nature Structural and Molecular Biology, 2004, 11, 404-411.	3.6	128
130	Computational and Experimental Probes of Symmetry Mismatches in the Arc Repressor-DNA Complex. Journal of Molecular Biology, 2004, 340, 253-253.	2.0	0
131	Sculpting the Proteome with AAA+ Proteases and Disassembly Machines. Cell, 2004, 119, 9-18.	13.5	398
132	Nucleotide-Dependent Substrate Handoff from the SspB Adaptor to the AAA+ ClpXP Protease. Molecular Cell, 2004, 16, 343-350.	4.5	68
133	Effects of local protein stability and the geometric position of the substrate degradation tag on the efficiency of ClpXP denaturation and degradation. Journal of Structural Biology, 2004, 146, 130-140.	1.3	54
134	Computational and Experimental Probes of Symmetry Mismatches in the Arc Repressor-DNA Complex. Journal of Molecular Biology, 2004, 340, 253-261.	2.0	4
135	Bivalent Tethering of SspB to ClpXP Is Required for Efficient Substrate Delivery. Molecular Cell, 2004, 13, 443-449.	4.5	57
136	C-terminal domain mutations in ClpX uncouple substrate binding from an engagement step required for unfolding. Molecular Microbiology, 2003, 48, 67-76.	1.2	13
137	Nickel coordination is regulated by the DNA-bound state of NikR. Nature Structural Biology, 2003, 10, 126-130.	9.7	64
138	Crystal structure of the nickel-responsive transcription factor NikR. Nature Structural and Molecular Biology, 2003, 10, 794-799.	3.6	165
139	Energy-dependent degradation: Linkage between ClpX-catalyzed nucleotide hydrolysis and protein-substrate processing. Protein Science, 2003, 12, 893-902.	3.1	55
140	Structure of a Delivery Protein for an AAA+ Protease in Complex with a Peptide Degradation Tag. Molecular Cell, 2003, 12, 365-372.	4.5	87
141	Expression of N-formylated proteins in Escherichia coli. Protein Expression and Purification, 2003, 32, 317-322.	0.6	17
142	Cleavage of the A Site mRNA Codon during Ribosome Pausing Provides a Mechanism for Translational Quality Control. Molecular Cell, 2003, 12, 903-911.	4.5	203
143	Solution Structure of Switch Arc, a Mutant with 310 Helices Replacing a Wild-type $\beta$ -Ribbon. Journal of Molecular Biology, 2003, 326, 899-909.	2.0	13
144	Toxin-Antitoxin Pairs in Bacteria. Cell, 2003, 112, 2-4.	13.5	51

#	ARTICLE	IF	CITATIONS
145	OMP Peptide Signals Initiate the Envelope-Stress Response by Activating DegS Protease via Relief of Inhibition Mediated by Its PDZ Domain. <i>Cell</i> , 2003, 113, 61-71.	13.5	456
146	Linkage between ATP Consumption and Mechanical Unfolding during the Protein Processing Reactions of an AAA+ Degradation Machine. <i>Cell</i> , 2003, 114, 511-520.	13.5	277
147	Proteomic Discovery of Cellular Substrates of the ClpXP Protease Reveals Five Classes of ClpX-Recognition Signals. <i>Molecular Cell</i> , 2003, 11, 671-683.	4.5	563
148	Flexible Linkers Leash the Substrate Binding Domain of SspB to a Peptide Module that Stabilizes Delivery Complexes with the AAA+ ClpXP Protease. <i>Molecular Cell</i> , 2003, 12, 355-363.	4.5	91
149	STRUCTURAL BIOLOGY: A Glimpse into tmRNA-Mediated Ribosome Rescue. <i>Science</i> , 2003, 300, 72-73.	6.0	2
150	Distinct peptide signals in the UmuD and UmuD' subunits of UmuD/D' mediate tethering and substrate processing by the ClpXP protease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13219-13224.	3.3	98
151	Latent ClpX-recognition signals ensure LexA destruction after DNA damage. <i>Genes and Development</i> , 2003, 17, 1084-1089.	2.7	99
152	Stop codons preceded by rare arginine codons are efficient determinants of SsrA tagging in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3440-3445.	3.3	105
153	Proline Residues at the C Terminus of Nascent Chains Induce SsrA Tagging during Translation Termination. <i>Journal of Biological Chemistry</i> , 2002, 277, 33825-33832.	1.6	139
154	Tsp and Related Tail-Specific Proteases. <i>The Enzymes</i> , 2002, 22, 373-386.	0.7	1
155	Characterization of a Specificity Factor for an AAA+ ATPase. <i>Chemistry and Biology</i> , 2002, 9, 1237-1245.	6.2	89
156	Mutational studies of protein stability and folding of the hyperstable MYL Arc repressor variant. <i>Biophysical Chemistry</i> , 2002, 101-102, 35-42.	1.5	6
157	Role of an Ncap residue in determining the stability and operator-binding affinity of Arc repressor. <i>Biophysical Chemistry</i> , 2002, 100, 341-350.	1.5	13
158	Understanding protein hydrogen bond formation with kinetic H/D amide isotope effects. <i>Nature Structural Biology</i> , 2002, 9, 458-463.	9.7	66
159	NikR Repressor. <i>Chemistry and Biology</i> , 2002, 9, 1141-1148.	6.2	102
160	Simultaneous and functional binding of SmpB and EF-Tu·GTP to the alanyl acceptor arm of tmRNA. <i>Journal of Molecular Biology</i> , 2001, 314, 9-21.	2.0	96
161	Preferential Heterodimer Formation via Undercompensated Electrostatic Interactions. <i>Journal of the American Chemical Society</i> , 2001, 123, 1264-1265.	6.6	17
162	Assignments of the 1H, 13C, and 15N resonances of the substrate-binding SSD domain from Lon protease. <i>Journal of Biomolecular NMR</i> , 2001, 21, 387-388.	1.6	3

#	ARTICLE	IF	CITATIONS
163	Characterization of the N-terminal repeat domain of Escherichia coli ClpA--A class I Clp/HSP100 ATPase. Protein Science, 2001, 10, 551-559.	3.1	55
164	Effects of protein stability and structure on substrate processing by the ClpXP unfolding and degradation machine. EMBO Journal, 2001, 20, 3092-3100.	3.5	132
165	Molecular determinants of complex formation between Clp/Hsp100 ATPases and the ClpP peptidase. Nature Structural Biology, 2001, 8, 230-233.	9.7	234
166	Identification of Endogenous SsrA-tagged Proteins Reveals Tagging at Positions Corresponding to Stop Codons. Journal of Biological Chemistry, 2001, 276, 28509-28515.	1.6	112
167	Overlapping recognition determinants within the ssrA degradation tag allow modulation of proteolysis. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 10584-10589.	3.3	262
168	An evolutionary bridge to a new protein fold. Nature Structural Biology, 2000, 7, 1129-1132.	9.7	78
169	The SsrA-SmpB system for protein tagging, directed degradation and ribosome rescue. Nature Structural Biology, 2000, 7, 449-455.	9.7	363
170	Regulation of High Affinity Nickel Uptake in Bacteria. Journal of Biological Chemistry, 2000, 275, 19735-19741.	1.6	148
171	Interactions of Arg2 in the Mnt N-terminal arm with the central and flanking regions of the mnt operator 1 Edited by M. Yaniv. Journal of Molecular Biology, 2000, 301, 959-973.	2.0	7
172	A Specificity-Enhancing Factor for the ClpXP Degradation Machine. Science, 2000, 289, 2354-2356.	6.0	297
173	Dynamics of Substrate Denaturation and Translocation by the ClpXP Degradation Machine. Molecular Cell, 2000, 5, 639-648.	4.5	307
174	Structure and Dynamics of the Tetrameric Mnt Repressor and a Model for its DNA Complex. Journal of Biomolecular Structure and Dynamics, 2000, 17, 113-122.	2.0	2
175	Evidence for Partial Secondary Structure Formation in the Transition State for Arc Repressor Refolding and Dimerization. Biochemistry, 2000, 39, 8308-8314.	1.2	30
176	Dexamethasone~Methotrexate: An Efficient Chemical Inducer of Protein Dimerization In Vivo. Journal of the American Chemical Society, 2000, 122, 4247-4248.	6.6	97
177	Striking Stabilization of Arc Repressor by an Engineered Disulfide Bond. Biochemistry, 2000, 39, 12494-12502.	1.2	30
178	The Doc Toxin and Phd Antidote Proteins of the Bacteriophage P1 Plasmid Addiction System Form a Heterotrimeric Complex. Journal of Biological Chemistry, 1999, 274, 16813-16818.	1.6	51
179	Stability and DNA Binding of the Phd Protein of the Phage P1 Plasmid Addiction System. Journal of Biological Chemistry, 1999, 274, 2652-2657.	1.6	59
180	The tetramerization domain of the Mnt repressor consists of two right-handed coiled coils. Nature Structural Biology, 1999, 6, 755-759.	9.7	49

#	ARTICLE	IF	CITATIONS
181	Acceleration of the refolding of Arc repressor by nucleic acids and other polyanions. <i>Nature Structural Biology</i> , 1999, 6, 569-573.	9.7	53
182	NMR structure determination of the tetramerization domain of the Mnt repressor: An asymmetric alpha-helical assembly in slow exchange. <i>Journal of Biomolecular NMR</i> , 1999, 15, 39-53.	1.6	4
183	Evolution of a Protein Fold in Vitro. <i>Science</i> , 1999, 284, 325-327.	6.0	105
184	The Solution Structure and Dynamics of an Arc Repressor Mutant Reveal Premelting Conformational Changes Related to DNA Binding. <i>Biochemistry</i> , 1999, 38, 6035-6042.	1.2	20
185	NikR is a ribbon-helix-helix DNA-binding protein. <i>Protein Science</i> , 1999, 8, 2494-2500.	3.1	109
186	Tolerance of a protein to multiple polar-to-hydrophobic surface substitutions. <i>Protein Science</i> , 1999, 8, 318-325.	3.1	45
187	Tolerance of a protein helix to multiple alanine and valine substitutions. <i>Folding &amp; Design</i> , 1998, 3, 119-126.	4.5	46
188	Biophysical Characterization of the TraY Protein of Escherichia coli F Factor. <i>Journal of Biological Chemistry</i> , 1998, 273, 1329-1333.	1.6	20
189	Formation of a denatured dimer limits the thermal stability of Arc repressor 1 Edited by P. E. Wright. <i>Journal of Molecular Biology</i> , 1997, 273, 692-700.	2.0	33
190	PDZ-like Domains Mediate Binding Specificity in the Clp/Hsp100 Family of Chaperones and Protease Regulatory Subunits. <i>Cell</i> , 1997, 91, 939-947.	13.5	115
191	Nonlinear Free Energy Relationships in Arc Repressor Unfolding Imply the Existence of Unstable, Native-like Folding Intermediates. <i>Biochemistry</i> , 1996, 35, 4795-4802.	1.2	79
192	Protein Stabilization by Removal of Unsatisfied Polar Groups: Computational Approaches and Experimental Tests. <i>Biochemistry</i> , 1996, 35, 7621-7625.	1.2	89
193	Role of Operator Subsites in Arc Repression. <i>Journal of Molecular Biology</i> , 1996, 264, 233-242.	2.0	5
194	Covalent Attachment of Arc Repressor Subunits by a Peptide Linker Enhances Affinity for Operator DNA. <i>Biochemistry</i> , 1996, 35, 109-116.	1.2	56
195	Equilibrium Stability and Sub-Millisecond Refolding of a Designed Single-Chain Arc Repressor. <i>Biochemistry</i> , 1996, 35, 13878-13884.	1.2	62
196	Sequence space, folding and protein design. <i>Current Opinion in Structural Biology</i> , 1996, 6, 3-10.	2.6	154
197	Signal Detection by the PhoQ Sensor-Transmitter. <i>Journal of Biological Chemistry</i> , 1996, 271, 26630-26636.	1.6	70
198	Lac repressor at last. <i>Structure</i> , 1996, 4, 219-222.	1.6	13

#	ARTICLE	IF	CITATIONS
199	Protein folding from a combinatorial perspective. <i>Folding &amp; Design</i> , 1996, 1, R27-R30.	4.5	36
200	Sequence Determinants of C-terminal Substrate Recognition by the Tsp Protease. <i>Journal of Biological Chemistry</i> , 1996, 271, 2589-2593.	1.6	92
201	C-terminal specific protein degradation: Activity and substrate specificity of the Tsp protease. <i>Protein Science</i> , 1995, 4, 1507-1515.	3.1	70
202	Minor groove DNA-recognition by $\alpha$ -helices. <i>Nature Structural Biology</i> , 1995, 2, 7-9.	9.7	15
203	Are buried salt bridges important for protein stability and conformational specificity?. <i>Nature Structural and Molecular Biology</i> , 1995, 2, 122-128.	3.6	327
204	Cooperatively folded proteins in random sequence libraries. <i>Nature Structural Biology</i> , 1995, 2, 856-864.	9.7	149
205	Dramatic changes in DNA-binding specificity caused by single residue substitutions in an Arc/Mnt hybrid repressor. <i>Nature Structural and Molecular Biology</i> , 1995, 2, 1115-1122.	3.6	20
206	Identification of Active Site Residues of the Tsp Protease. <i>Journal of Biological Chemistry</i> , 1995, 270, 28864-28868.	1.6	69
207	Critical side-chain interactions at a subunit interface in the Arc repressor dimer. <i>Biochemistry</i> , 1995, 34, 3344-3351.	1.2	46
208	Domains of Mnt Repressor: Roles in Tetramer Formation, Protein Stability, and Operator DNA Binding. <i>Biochemistry</i> , 1995, 34, 13109-13116.	1.2	33
209	P22 Arc Repressor: Transition State Properties Inferred from Mutational Effects on the Rates of Protein Unfolding and Refolding. <i>Biochemistry</i> , 1995, 34, 13914-13919.	1.2	127
210	Crystal structure, folding, and operator binding of the hyperstable Arc repressor mutant PL8. <i>Biochemistry</i> , 1995, 34, 1405-1412.	1.2	34
211	Specificity of Minor-Groove and Major-Groove Interactions in a Homeodomain-DNA Complex. <i>Biochemistry</i> , 1995, 34, 14601-14608.	1.2	86
212	P22 Arc Repressor: Role of Cooperativity in Repression and Binding to Operators with Altered Half-site Spacing. <i>Journal of Molecular Biology</i> , 1995, 249, 729-742.	2.0	24
213	Deletion of the <i>prc</i> ( <i>tsp</i> ) gene provides evidence for additional tail-specific proteolytic activity in <i>Escherichia coli</i> K-12. <i>Molecular Genetics and Genomics</i> , 1994, 242, 237-240.	2.4	39
214	Contributions of a hydrogen bond/salt bridge network to the stability of secondary and tertiary structure in $\lambda$ repressor. <i>Protein Science</i> , 1994, 3, 2217-2225.	3.1	135
215	DNA recognition by $\beta$ -sheets in the Arc repressor-operator crystal structure. <i>Nature</i> , 1994, 367, 754-757.	13.7	287
216	Scanning mutagenesis of the Arc repressor as a functional probe of operator recognition. <i>Nature Structural Biology</i> , 1994, 1, 164-168.	9.7	42

#	ARTICLE	IF	CITATIONS
217	Protein stability effects of a complete set of alanine substitutions in Arc repressor. <i>Nature Structural Biology</i> , 1994, 1, 518-523.	9.7	107
218	Major groove DNA recognition by $\beta^2$ -sheets: the ribbon-helix-helix family of gene regulatory proteins. <i>Current Opinion in Structural Biology</i> , 1994, 4, 36-43.	2.6	78
219	Solution Structure of Dimeric Mnt Repressor (1-76). <i>Biochemistry</i> , 1994, 33, 15036-15045.	1.2	67
220	p22 Arc Repressor: Folding Kinetics of a Single-Domain, Dimeric Protein. <i>Biochemistry</i> , 1994, 33, 1125-1133.	1.2	164
221	Differential DNA-binding specificity of the engrailed homeodomain: The role of residue 50. <i>Biochemistry</i> , 1994, 33, 9187-9194.	1.2	120
222	Probing the roles of residues at the e and g positions of the GCN4 leucine zipper by combinatorial mutagenesis. <i>Protein Science</i> , 1993, 2, 1072-1084.	3.1	97
223	P22 Arc repressor: Enhanced expression of unstable mutants by addition of polar C-terminal sequences. <i>Protein Science</i> , 1993, 2, 2198-2205.	3.1	77
224	Assembly of the arc repressor-operator complex: cooperative interactions between DNA-bound dimers. <i>Biochemistry</i> , 1993, 32, 1354-1363.	1.2	55
225	Isolation of $\lambda$ repressor mutants with defects in cooperative operator binding. <i>Biochemistry</i> , 1993, 32, 9073-9079.	1.2	54
226	Mutational analysis of protein stability. <i>Current Opinion in Structural Biology</i> , 1992, 2, 46-51.	2.6	26
227	Structural and energetic consequences of disruptive mutations in a protein core. <i>Biochemistry</i> , 1992, 31, 4324-4333.	1.2	183
228	Transcription Factors: Structural Families and Principles of DNA Recognition. <i>Annual Review of Biochemistry</i> , 1992, 61, 1053-1095.	5.0	1,425
229	The role of internal packing interactions in determining the structure and stability of a protein. <i>Journal of Molecular Biology</i> , 1991, 219, 359-376.	2.0	219
230	[27] Random mutagenesis of protein sequences using oligonucleotide cassettes. <i>Methods in Enzymology</i> , 1991, 208, 564-586.	0.4	77
231	[12] Analysis of DNA-protein interactions by affinity coelectrophoresis. <i>Methods in Enzymology</i> , 1991, 208, 196-210.	0.4	52
232	[29] A streptomycin selection for DNA-binding activity. <i>Methods in Enzymology</i> , 1991, 208, 604-619.	0.4	10
233	$\lambda$ Repressor: A Model System for Understanding Protein-DNA Interactions and Protein Stability. <i>Advances in Protein Chemistry</i> , 1990, 40, 1-61.	4.4	68
234	Reverse hydrophobic effects relieved by amino-acid substitutions at a protein surface. <i>Nature</i> , 1990, 344, 363-364.	13.7	172

#	ARTICLE	IF	CITATIONS
235	Scissors and helical forks. <i>Nature</i> , 1990, 347, 514-515.	13.7	28
236	Surface areas of unfolded proteins. <i>Nature</i> , 1990, 348, 397-397.	13.7	0
237	Identification of protein folds: Matching hydrophobicity patterns of sequence sets with solvent accessibility patterns of known structures. <i>Proteins: Structure, Function and Bioinformatics</i> , 1990, 7, 257-264.	1.5	101
238	Functionally acceptable substitutions in two $\lambda$ -helical regions of $\lambda$ repressor. <i>Proteins: Structure, Function and Bioinformatics</i> , 1990, 7, 306-316.	1.5	74
239	An essential proline in $\lambda$ repressor is required for resistance to intracellular proteolysis. <i>Biochemistry</i> , 1990, 29, 7563-7571.	1.2	33
240	Arc repressor is tetrameric when bound to operator DNA. <i>Biochemistry</i> , 1990, 29, 11189-11195.	1.2	65
241	TraY proteins of F and related episomes are members of the Arc and Mnt repressor family. <i>Journal of Molecular Biology</i> , 1990, 211, 5-6.	2.0	53
242	Amino acid substitutions that increase the thermal stability of the $\lambda$ Cro protein. <i>Proteins: Structure, Function and Bioinformatics</i> , 1989, 5, 202-210.	1.5	96
243	Alternative packing arrangements in the hydrophobic core of $\lambda$ repressor. <i>Nature</i> , 1989, 339, 31-36.	13.7	418
244	Equilibrium dissociation and unfolding of the arc repressor dimer. <i>Biochemistry</i> , 1989, 28, 7139-7143.	1.2	233
245	$\lambda$ Repressor mutants that are better substrates for RecA-mediated cleavage. <i>Journal of Molecular Biology</i> , 1989, 206, 29-39.	2.0	52
246	NMR studies of Arc repressor mutants: proton assignments, secondary structure, and long-range contacts for the thermostable proline-8 leucine variant of Arc. <i>Biochemistry</i> , 1989, 28, 9813-9825.	1.2	26
247	The Mnt repressor of bacteriophage P22: role of C-terminal residues in operator binding and tetramer formation. <i>Biochemistry</i> , 1988, 27, 2088-2094.	1.2	20
248	Quaternary Structure and Function in Phage $\lambda$ Repressor: <sup>1</sup> H-NMR Studies of Genetically Altered Proteins. <i>Journal of Biomolecular Structure and Dynamics</i> , 1987, 5, 539-556.	2.0	6
249	Bacteriophage P22 Mnt repressor. <i>Journal of Molecular Biology</i> , 1987, 195, 311-322.	2.0	77
250	Interaction of the bacteriophage P22 arc repressor with operator DNA. <i>Journal of Molecular Biology</i> , 1987, 195, 323-331.	2.0	52
251	Proton NMR aromatic spectrum of the operator binding domain of the $\lambda$ repressor: resonance assignment with application to structure and dynamics. <i>Biochemistry</i> , 1987, 26, 890-897.	1.2	25
252	Dimerization of the operator binding domain of phage $\lambda$ repressor. <i>Biochemistry</i> , 1987, 26, 897-904.	1.2	62

#	ARTICLE	IF	CITATIONS
253	Identifying the Determinants of Protein Function and Stability. , 1987, , 177-198.		0
254	Protein-Protein Interactions in DNA Recognition. Biophysical Journal, 1986, 49, 29-33.	0.2	5
255	Bacteriophage P22 Cro protein: sequence, purification, and properties. Biochemistry, 1986, 25, 251-256.	1.2	31
256	Interaction of mutant $\lambda$ repressors with operator and non-operator DNA. Journal of Molecular Biology, 1986, 192, 27-38.	2.0	45
257	$\lambda$ Repressor inactivation: Properties of purified $\lambda$ proteins in the autodigestion and RecA-mediated cleavage reactions. Journal of Molecular Biology, 1986, 192, 39-47.	2.0	50
258	Stabilization of $\lambda$ repressor against thermal denaturation by site-directed Gly $\rightarrow$ Ala changes in $\lambda$ -helix 3. Proteins: Structure, Function and Bioinformatics, 1986, 1, 43-46.	1.5	116
259	Isolation and analysis of arc repressor mutants: Evidence for an unusual mechanism of DNA binding. Proteins: Structure, Function and Bioinformatics, 1986, 1, 302-311.	1.5	74
260	Genetic Methods in High-Resolution NMR Studies of Proteins. , 1986, , 37-48.		3
261	Increasing and decreasing protein stability: Effects of revertant substitutions on the thermal denaturation of phage $\lambda$ repressor. Journal of Cellular Biochemistry, 1985, 29, 217-224.	1.2	46
262	Crystallization of the Arc repressor. Journal of Molecular Biology, 1985, 185, 445-446.	2.0	11
263	Lambda repressor mutations that increase the affinity and specificity of operator binding. Cell, 1985, 42, 549-558.	13.5	157
264	Phage lambda repressor revertants. Journal of Molecular Biology, 1985, 186, 53-63.	2.0	66
265	<sup>1</sup> H-NMR study of the $\lambda$ operator site OL1: assignment of the imino and adenine H2 resonances. Nucleic Acids Research, 1984, 12, 4035-4047.	6.5	37
266	Changing the DNA-binding specificity of a repressor. Cell, 1983, 35, 777-783.	13.5	140
267	Primary structure of the immunity region of bacteriophage P22. Journal of Molecular Biology, 1983, 168, 699-713.	2.0	79
268	Domain structure and quaternary organization of the bacteriophage P22 Erf protein. Journal of Molecular Biology, 1983, 171, 401-418.	2.0	41
269	Control of phage P22 tail protein expression by transcription termination. Journal of Molecular Biology, 1983, 164, 561-572.	2.0	41
270	The Lambda and P22 Phage Repressors. Journal of Biomolecular Structure and Dynamics, 1983, 1, 1011-1022.	2.0	15



#	ARTICLE	IF	CITATIONS
271	Solution NMR Studies of Intact Lambda Repressor. <i>Journal of Biomolecular Structure and Dynamics</i> , 1983, 1, 151-157.	2.0	23
272	Diverse effects of mutations in the signal sequence on the secretion of $\hat{\lambda}$ -lactamase in <i>Salmonella typhimurium</i> . <i>Cell</i> , 1982, 30, 903-914.	13.5	134
273	Phage P22 tail protein: gene and amino acid sequence. <i>Biochemistry</i> , 1982, 21, 5811-5815.	1.2	88
274	The N-terminal arms of $\hat{\lambda}$ repressor wrap around the operator DNA. <i>Nature</i> , 1982, 298, 441-443.	13.7	136
275	Primary structure of the phage P22 repressor and its gene c2. <i>Biochemistry</i> , 1981, 20, 3591-3598.	1.2	74
276	$\hat{\lambda}$ Repressor and cro components of an efficient molecular switch. <i>Nature</i> , 1981, 294, 217-223.	13.7	410
277	[76] Bacteriophage $\hat{\lambda}$ repressor and cro protein: Interactions with operator DNA. <i>Methods in Enzymology</i> , 1980, 65, 839-856.	0.4	158
278	Regulatory functions of the $\hat{\lambda}$ repressor reside in the amino-terminal domain. <i>Nature</i> , 1979, 279, 396-400.	13.7	155
279	DNA sequence of the bacteriophage $\hat{\lambda}$ cI gene. <i>Nature</i> , 1978, 276, 301-302.	13.7	131
280	Primary structure of the $\hat{\lambda}$ repressor. <i>Biochemistry</i> , 1978, 17, 1092-1100.	1.2	129
281	Mutagenesis of the Arc Repressor Using Synthetic Primers with Random Nucleotide Substitutions. , 1973, , 243-256.		2