

# Walter J Chazin

## List of Publications by Year in descending order

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193  
papers

16,265  
citations

14655

66  
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19749

117  
g-index

239  
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239  
docs citations

239  
times ranked

14740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gain-of-function mutations in RPA1 cause a syndrome with short telomeres and somatic genetic rescue. <i>Blood</i> , 2022, 139, 1039-1051.	1.4	29
2	Neutrophil-Associated Responses to <i>Vibrio cholerae</i> Infection in a Natural Host Model. <i>Infection and Immunity</i> , 2022, 90, iai0046621.	2.2	9
3	Mechanism of action of nucleotide excision repair machinery. <i>Biochemical Society Transactions</i> , 2022, 50, 375-386.	3.4	10
4	TdfH selectively binds metal-loaded tetrameric calprotectin for zinc import. <i>Communications Biology</i> , 2022, 5, 103.	4.4	4
5	Adherence Enables <i>Neisseria gonorrhoeae</i> to Overcome Zinc Limitation Imposed by Nutritional Immunity Proteins. <i>Infection and Immunity</i> , 2022, 90, iai0000922.	2.2	1
6	A Structural Perspective on Calprotectin as a Ligand of Receptors Mediating Inflammation and Potential Drug Target. <i>Biomolecules</i> , 2022, 12, 519.	4.0	9
7	Zn-regulated GTPase metalloprotein activator 1 modulates vertebrate zinc homeostasis. <i>Cell</i> , 2022, 185, 2148-2163.e27.	28.9	39
8	Modification of the 4Fe-4S Cluster Charge Transport Pathway Alters RNA Synthesis by Yeast DNA Primase. <i>Biochemistry</i> , 2022, 61, 1113-1123.	2.5	5
9	Mutagenesis of the Loop 3 $\alpha$ -Helix of <i>Neisseria gonorrhoeae</i> Tdfj Inhibits S100A7 Binding and Utilization. <i>MBio</i> , 2022, 13, .	4.1	3
10	RADX controls RAD51 filament dynamics to regulate replication fork stability. <i>Molecular Cell</i> , 2021, 81, 1074-1083.e5.	9.7	26
11	EXO5-DNA structure and BLM interactions direct DNA resection critical for ATR-dependent replication restart. <i>Molecular Cell</i> , 2021, 81, 2989-3006.e9.	9.7	26
12	Heterogeneous nuclear ribonucleoprotein E1 binds polycytosine DNA and monitors genome integrity. <i>Life Science Alliance</i> , 2021, 4, e202000995.	2.8	5
13	A $\alpha$ -based approach to discovery of Receptor for Advanced Glycation End products inhibitors. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 1399-1412.	2.6	8
14	Neutrophil extracellular traps enhance macrophage killing of bacterial pathogens. <i>Science Advances</i> , 2021, 7, eabj2101.	10.3	61
15	DNA Recognition/Processing   DNA Polymerase Alpha-Primase: Biochemical and Structural Mechanisms. , 2021, , 431-444.		2
16	Siderophore-mediated zinc acquisition enhances enterobacterial colonization of the inflamed gut. <i>Nature Communications</i> , 2021, 12, 7016.	12.8	35
17	A key interaction with RPA orients XPA in NER complexes. <i>Nucleic Acids Research</i> , 2020, 48, 2173-2188.	14.5	34
18	Envisioning how the prototypic molecular machine TFIIH functions in transcription initiation and DNA repair. <i>DNA Repair</i> , 2020, 96, 102972.	2.8	36

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19	Molecular Insight into TdfH-Mediated Zinc Piracy from Human Calprotectin by <i>Neisseria gonorrhoeae</i> . <i>MBio</i> , 2020, 11, .	4.1	15
20	ZupT Facilitates <i>Clostridioides difficile</i> Resistance to Host-Mediated Nutritional Immunity. <i>MSphere</i> , 2020, 5, .	2.9	23
21	Calmodulin Mutations Associated with Heart Arrhythmia: A Status Report. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1418.	4.1	28
22	A slipped-CAG DNA-binding small molecule induces trinucleotide-repeat contractions in vivo. <i>Nature Genetics</i> , 2020, 52, 146-159.	21.4	110
23	Identification of ubiquitin Ser57 kinases regulating the oxidative stress response in yeast. <i>ELife</i> , 2020, 9, .	6.0	10
24	The novel interaction between <i>Neisseria gonorrhoeae</i> Tdfj and human S100A7 allows gonococci to subvert host zinc restriction. <i>PLoS Pathogens</i> , 2019, 15, e1007937.	4.7	32
25	The anti-parasitic agent suramin and several of its analogues are inhibitors of the DNA binding protein Mcm10. <i>Open Biology</i> , 2019, 9, 190117.	3.6	15
26	Genetic Mosaicism in Calmodulinopathy. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, 375-385.	3.6	33
27	Dynamics and selective remodeling of the DNA-binding domains of RPA. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 129-136.	8.2	94
28	A new approach to discovery of S100 protein heterodimers. <i>FEBS Journal</i> , 2019, 286, 1838-1840.	4.7	0
29	Multi-metal Restriction by Calprotectin Impacts De Novo Flavin Biosynthesis in <i>Acinetobacter baumannii</i> . <i>Cell Chemical Biology</i> , 2019, 26, 745-755.e7.	5.2	61
30	The Innate Immune Protein S100A9 Protects from T-Helper Cell Type 2 <sup>â€œ</sup> mediated Allergic Airway Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 459-468.	2.9	25
31	An <i>Acinetobacter baumannii</i> , Zinc-Regulated Peptidase Maintains Cell Wall Integrity during Immune-Mediated Nutrient Sequestration. <i>Cell Reports</i> , 2019, 26, 2009-2018.e6.	6.4	61
32	The Immune Protein Calprotectin Impacts <i>Clostridioides difficile</i> Metabolism through Zinc Limitation. <i>MBio</i> , 2019, 10, .	4.1	21
33	Arachidonic Acid Kills <i>Staphylococcus aureus</i> through a Lipid Peroxidation Mechanism. <i>MBio</i> , 2019, 10, .	4.1	44
34	S100 Proteins in the Innate Immune Response to Pathogens. <i>Methods in Molecular Biology</i> , 2019, 1929, 275-290.	0.9	47
35	Identifying the substrate proteins of U-box E3s E4B and CHIP by orthogonal ubiquitin transfer. <i>Science Advances</i> , 2018, 4, e1701393.	10.3	39
36	A Mechanism of Calmodulin Modulation of the Human Cardiac Sodium Channel. <i>Structure</i> , 2018, 26, 683-694.e3.	3.3	43

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37	Stress-induced acidification may contribute to formation of unusual structures in C9orf72-repeats. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1482-1491.	2.4	8
38	Role of Calprotectin in Withholding Zinc and Copper from <i>Candida albicans</i> . <i>Infection and Immunity</i> , 2018, 86, .	2.2	98
39	Substrate Binding Regulates Redox Signaling in Human DNA Primase. <i>Journal of the American Chemical Society</i> , 2018, 140, 17153-17162.	13.7	12
40	Functional and structural similarity of human DNA primase [4Fe4S] cluster domain constructs. <i>PLoS ONE</i> , 2018, 13, e0209345.	2.5	10
41	Yeast require redox switching in DNA primase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 13186-13191.	7.1	15
42	Characterization and development of SAPP as a specific peptidic inhibitor that targets <i>Porphyrromonas gingivalis</i> . <i>Molecular Oral Microbiology</i> , 2018, 33, 430-439.	2.7	8
43	Disrupted structure and aberrant function of CHIP mediates the loss of motor and cognitive function in preclinical models of SCAR16. <i>PLoS Genetics</i> , 2018, 14, e1007664.	3.5	28
44	A minimal threshold of FANCI helicase activity is required for its response to replication stress or double-strand break repair. <i>Nucleic Acids Research</i> , 2018, 46, 6238-6256.	14.5	18
45	Calprotectin protects against experimental colonic inflammation in mice. <i>British Journal of Pharmacology</i> , 2018, 175, 3797-3812.	5.4	20
46	Single-Molecule Analysis of Replication Protein A-DNA Interactions. <i>Methods in Enzymology</i> , 2018, 600, 439-461.	1.0	15
47	RPA Interacts with HIRA and Regulates H3.3 Deposition at Gene Regulatory Elements in Mammalian Cells. <i>Molecular Cell</i> , 2017, 65, 272-284.	9.7	83
48	The [4Fe4S] cluster of human DNA primase functions as a redox switch using DNA charge transport. <i>Science</i> , 2017, 355, .	12.6	114
49	Prp40 Homolog A Is a Novel Centrin Target. <i>Biophysical Journal</i> , 2017, 112, 2529-2539.	0.5	15
50	Molecular basis for PrimPol recruitment to replication forks by RPA. <i>Nature Communications</i> , 2017, 8, 15222.	12.8	82
51	A Polymerase With Potential: The Fe-S Cluster in Human DNA Primase. <i>Methods in Enzymology</i> , 2017, 595, 361-390.	1.0	11
52	Dietary Manganese Promotes Staphylococcal Infection of the Heart. <i>Cell Host and Microbe</i> , 2017, 22, 531-542.e8.	11.0	51
53	Response to Comments on "The [4Fe4S] cluster of human DNA primase functions as a redox switch using DNA charge transport". <i>Science</i> , 2017, 357, .	12.6	5
54	Analysis of DNA binding by human factor xeroderma pigmentosum complementation group A (XPA) provides insight into its interactions with nucleotide excision repair substrates. <i>Journal of Biological Chemistry</i> , 2017, 292, 16847-16857.	3.4	20

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55	RADX Promotes Genome Stability and Modulates Chemosensitivity by Regulating RAD51 at Replication Forks. <i>Molecular Cell</i> , 2017, 67, 374-386.e5.	9.7	153
56	Analysis of Functional Dynamics of Modular Multidomain Proteins by SAXS and NMR. <i>Methods in Enzymology</i> , 2017, 592, 49-76.	1.0	10
57	Ubiquitin turnover and endocytic trafficking in yeast are regulated by Ser57 phosphorylation of ubiquitin. <i>ELife</i> , 2017, 6, .	6.0	29
58	Identification and Optimization of Anthranilic Acid Based Inhibitors of Replication Protein A. <i>ChemMedChem</i> , 2016, 11, 893-899.	3.2	13
59	Dynamic binding of replication protein a is required for DNA repair. <i>Nucleic Acids Research</i> , 2016, 44, 5758-5772.	14.5	82
60	Dietary zinc alters the microbiota and decreases resistance to <i>Clostridium difficile</i> infection. <i>Nature Medicine</i> , 2016, 22, 1330-1334.	30.7	201
61	Binding of transition metals to S100 proteins. <i>Science China Life Sciences</i> , 2016, 59, 792-801.	4.9	59
62	<i>Acinetobacter baumannii</i> Coordinates Urea Metabolism with Metal Import To Resist Host-Mediated Metal Limitation. <i>MBio</i> , 2016, 7, .	4.1	57
63	ETAA1 acts at stalled replication forks to maintain genome integrity. <i>Nature Cell Biology</i> , 2016, 18, 1185-1195.	10.3	204
64	Novel CPVT-Associated Calmodulin Mutation in <i>CALM3</i> ( <i>CALM3-A103V</i> ) Activates Arrhythmogenic Ca Waves and Sparks. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	4.8	73
65	Novel calmodulin mutations associated with congenital long QT syndrome affect calcium current in human cardiomyocytes. <i>Heart Rhythm</i> , 2016, 13, 2012-2019.	0.7	58
66	The innate immune protein calprotectin promotes <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> interaction. <i>Nature Communications</i> , 2016, 7, 11951.	12.8	114
67	XPA: A key scaffold for human nucleotide excision repair. <i>DNA Repair</i> , 2016, 44, 123-135.	2.8	86
68	Data publication with the structural biology data grid supports live analysis. <i>Nature Communications</i> , 2016, 7, 10882.	12.8	113
69	The Response of <i>Acinetobacter baumannii</i> to Zinc Starvation. <i>Cell Host and Microbe</i> , 2016, 19, 826-836.	11.0	108
70	<i>Salmonella</i> Mitigates Oxidative Stress and Thrives in the Inflamed Gut by Evading Calprotectin-Mediated Manganese Sequestration. <i>Cell Host and Microbe</i> , 2016, 19, 814-825.	11.0	109
71	Molecular Basis for the Interaction Between <i>AP4</i> and its Accessory Protein, Tepsin. <i>Traffic</i> , 2016, 17, 400-415.	2.7	21
72	Single-molecule imaging reveals the mechanism of Exo1 regulation by single-stranded DNA binding proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1170-9.	7.1	81

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73	Spectrum and Prevalence of <i>CALM1</i> -, <i>CALM2</i> -, and <i>CALM3</i> -Encoded Calmodulin Variants in Long QT Syndrome and Functional Characterization of a Novel Long QT Syndrome-associated Calmodulin Missense Variant, E141G. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 136-146.	5.1	104
74	The pattern recognition reagents RAGE VC1 and peptide p5 share common binding sites and exhibit specific reactivity with AA amyloid in mice. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2016, 23, 8-16.	3.0	4
75	CacyBP/SIP - Structure and variety of functions. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 79-85.	2.4	41
76	Zinc and Manganese Chelation by Neutrophil S100A8/A9 (Calprotectin) Limits Extracellular <i>Aspergillus fumigatus</i> Hyphal Growth and Corneal Infection. <i>Journal of Immunology</i> , 2016, 196, 336-344.	0.8	130
77	<i>Helicobacter pylori</i> Resists the Antimicrobial Activity of Calprotectin via Lipid A Modification and Associated Biofilm Formation. <i>MBio</i> , 2015, 6, e01349-15.	4.1	43
78	Mechanochemical regulations of RPA's binding to ssDNA. <i>Scientific Reports</i> , 2015, 5, 9296.	3.3	38
79	Simian Virus Large T Antigen Interacts with the N-Terminal Domain of the 70 kD Subunit of Replication Protein A in the Same Mode as Multiple DNA Damage Response Factors. <i>PLoS ONE</i> , 2015, 10, e0116093.	2.5	7
80	Calprotectin Increases the Activity of the SaeRS Two Component System and Murine Mortality during <i>Staphylococcus aureus</i> Infections. <i>PLoS Pathogens</i> , 2015, 11, e1005026.	4.7	59
81	The Human Antimicrobial Protein Calgranulin C Participates in Control of <i>Helicobacter pylori</i> Growth and Regulation of Virulence. <i>Infection and Immunity</i> , 2015, 83, 2944-2956.	2.2	58
82	Dimerization and phosphatase activity of calcyclin-binding protein/Siah1 interacting protein: the influence of oxidative stress. <i>FASEB Journal</i> , 2015, 29, 1711-1724.	0.5	20
83	Human PrimPol is a highly error-prone polymerase regulated by single-stranded DNA binding proteins. <i>Nucleic Acids Research</i> , 2015, 43, 1056-1068.	14.5	93
84	Nutritional Immunity: S100 Proteins at the Host-Pathogen Interface. <i>Journal of Biological Chemistry</i> , 2015, 290, 18991-18998.	3.4	190
85	Functional Dynamics in Replication Protein A DNA Binding and Protein Recruitment Domains. <i>Structure</i> , 2015, 23, 1028-1038.	3.3	40
86	Promotion of BRCA2-Dependent Homologous Recombination by DSS1 via RPA Targeting and DNA Mimicry. <i>Molecular Cell</i> , 2015, 59, 176-187.	9.7	141
87	Characteristics and concepts of dynamic hub proteins in DNA processing machinery from studies of RPA. <i>Progress in Biophysics and Molecular Biology</i> , 2015, 117, 206-211.	2.9	32
88	Zinc regulates a switch between primary and alternative <i>S</i> 18 ribosomal proteins in <i>Mycobacterium tuberculosis</i> . <i>Molecular Microbiology</i> , 2015, 97, 263-280.	2.5	41
89	Arrhythmogenic Calmodulin Mutations Affect the Activation and Termination of Cardiac Ryanodine Receptor-mediated Ca <sup>2+</sup> Release. <i>Journal of Biological Chemistry</i> , 2015, 290, 26151-26162.	3.4	56
90	Diphenylpyrazoles as Replication Protein A Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 140-145.	2.8	18

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91	Biochemical and Proteomic Analysis of Ubiquitination of Hsc70 and Hsp70 by the E3 Ligase CHIP. PLoS ONE, 2015, 10, e0128240.	2.5	24
92	Novel Function of the Fanconi Anemia Group J or RECQ1 Helicase to Disrupt Protein-DNA Complexes in a Replication Protein A-stimulated Manner. Journal of Biological Chemistry, 2014, 289, 19928-19941.	3.4	35
93	The Host Protein Calprotectin Modulates the Helicobacter pylori cag Type IV Secretion System via Zinc Sequestration. PLoS Pathogens, 2014, 10, e1004450.	4.7	78
94	Replication protein A: Single-stranded DNA's first responder. BioEssays, 2014, 36, 1156-1161.	2.5	222
95	Divergent Regulation of Ryanodine Receptor 2 Calcium Release Channels by Arrhythmogenic Human Calmodulin Missense Mutants. Circulation Research, 2014, 114, 1114-1124.	4.5	126
96	Insights into Eukaryotic Primer Synthesis from Structures of the p48 Subunit of Human DNA Primase. Journal of Molecular Biology, 2014, 426, 558-569.	4.2	30
97	Diffusion of Human Replication Protein A along Single-Stranded DNA. Journal of Molecular Biology, 2014, 426, 3246-3261.	4.2	120
98	Redefining the DNA-Binding Domain of Human XPA. Journal of the American Chemical Society, 2014, 136, 10830-10833.	13.7	38
99	Structural Analysis of Replication Protein A Recruitment of the DNA Damage Response Protein SMARCAL1. Biochemistry, 2014, 53, 3052-3061.	2.5	33
100	Acinetobacter baumannii Response to Host-Mediated Zinc Limitation Requires the Transcriptional Regulator Zur. Journal of Bacteriology, 2014, 196, 2616-2626.	2.2	82
101	Novel Calmodulin Mutations Associated With Congenital Arrhythmia Susceptibility. Circulation: Cardiovascular Genetics, 2014, 7, 466-474.	5.1	165
102	Discovery of a Potent Stapled Helix Peptide That Binds to the 70N Domain of Replication Protein A. Journal of Medicinal Chemistry, 2014, 57, 2455-2461.	6.4	49
103	Surface Reengineering of RPA70N Enables Cocrystallization with an Inhibitor of the Replication Protein A Interaction Motif of ATR Interacting Protein. Biochemistry, 2013, 52, 6515-6524.	2.5	19
104	Discovery of a Potent Inhibitor of Replication Protein A Protein-Protein Interactions Using a Fragment-Linking Approach. Journal of Medicinal Chemistry, 2013, 56, 9242-9250.	6.4	59
105	Xeroderma pigmentosum complementation group C protein (XPC) serves as a general sensor of damaged DNA. DNA Repair, 2013, 12, 947-953.	2.8	43
106	Calmodulin Mutations Associated With Recurrent Cardiac Arrest in Infants. Circulation, 2013, 127, 1009-1017.	1.6	331
107	Molecular basis for manganese sequestration by calprotectin and roles in the innate immune response to invading bacterial pathogens. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3841-3846.	7.1	325
108	Activation of UbcH5câ <sup>1</sup> / <sub>4</sub> Ub Is the Result of a Shift in Interdomain Motions of the Conjugate Bound to U-Box E3 Ligase E4B. Biochemistry, 2013, 52, 2991-2999.	2.5	47

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109	Zinc Piracy as a Mechanism of <i>Neisseria meningitidis</i> for Evasion of Nutritional Immunity. <i>PLoS Pathogens</i> , 2013, 9, e1003733.	4.7	68
110	A new structural framework for integrating replication protein A into DNA processing machinery. <i>Nucleic Acids Research</i> , 2013, 41, 2313-2327.	14.5	88
111	MntABC and MntH Contribute to Systemic <i>Staphylococcus aureus</i> Infection by Competing with Calprotectin for Nutrient Manganese. <i>Infection and Immunity</i> , 2013, 81, 3395-3405.	2.2	173
112	Identification of an <i>Acinetobacter baumannii</i> Zinc Acquisition System that Facilitates Resistance to Calprotectin-mediated Zinc Sequestration. <i>PLoS Pathogens</i> , 2012, 8, e1003068.	4.7	226
113	Zinc Sequestration by the Neutrophil Protein Calprotectin Enhances <i>Salmonella</i> Growth in the Inflamed Gut. <i>Cell Host and Microbe</i> , 2012, 11, 227-239.	11.0	286
114	Structure of an E3:E2 <sup>~14</sup> Ub Complex Reveals an Allosteric Mechanism Shared among RING/U-box Ligases. <i>Molecular Cell</i> , 2012, 47, 933-942.	9.7	272
115	Repair-specific Functions of Replication Protein A. <i>Journal of Biological Chemistry</i> , 2012, 287, 3908-3918.	3.4	36
116	Human DNA Helicase B (HDHB) Binds to Replication Protein A and Facilitates Cellular Recovery from Replication Stress. <i>Journal of Biological Chemistry</i> , 2012, 287, 6469-6481.	3.4	42
117	A high-throughput fluorescence polarization anisotropy assay for the 70N domain of replication protein A. <i>Analytical Biochemistry</i> , 2012, 421, 742-749.	2.4	39
118	Relating Form and Function of EF-Hand Calcium Binding Proteins. <i>Accounts of Chemical Research</i> , 2011, 44, 171-179.	15.6	113
119	Nutrient Metal Sequestration by Calprotectin Inhibits Bacterial Superoxide Defense, Enhancing Neutrophil Killing of <i>Staphylococcus aureus</i> . <i>Cell Host and Microbe</i> , 2011, 10, 158-164.	11.0	337
120	Solution NMR Structure of Apo-Calmodulin in Complex with the IQ Motif of Human Cardiac Sodium Channel NaV1.5. <i>Journal of Molecular Biology</i> , 2011, 406, 106-119.	4.2	105
121	E2 Conjugating Enzyme Selectivity and Requirements for Function of the E3 Ubiquitin Ligase CHIP. <i>Journal of Biological Chemistry</i> , 2011, 286, 21277-21286.	3.4	52
122	BID Binds to Replication Protein A and Stimulates ATR Function following Replicative Stress. <i>Molecular and Cellular Biology</i> , 2011, 31, 4298-4309.	2.3	25
123	Structural Basis for Ligand Recognition and Activation of RAGE. <i>Structure</i> , 2010, 18, 1342-1352.	3.3	195
124	A naturally occurring human RPA subunit homolog does not support DNA replication or cell-cycle progression. <i>Nucleic Acids Research</i> , 2010, 38, 846-858.	14.5	34
125	Insights into eukaryotic DNA priming from the structure and functional interactions of the 4Fe-4S cluster domain of human DNA primase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13684-13689.	7.1	81
126	Functional Characterization of a Cancer Causing Mutation in Human Replication Protein A. <i>Molecular Cancer Research</i> , 2010, 8, 1017-1026.	3.4	28



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127	Reconstitution of RPA-covered single-stranded DNA-activated ATR-Chk1 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13660-13665.	7.1	116
128	Structural Dynamics and Single-Stranded DNA Binding Activity of the Three N-Terminal Domains of the Large Subunit of Replication Protein A from Small Angle X-ray Scattering. <i>Biochemistry</i> , 2010, 49, 2880-2889.	2.5	44
129	Structural and Functional Characterization of the Monomeric U-Box Domain from E4B. <i>Biochemistry</i> , 2010, 49, 347-355.	2.5	35
130	Defining the modular protein interactions that coordinate recruitment of DNA polymerase alpha to initiate SV40 DNA replication. <i>FASEB Journal</i> , 2010, 24, 196.2.	0.5	0
131	Engineering a Ubiquitin Ligase Reveals Conformational Flexibility Required for Ubiquitin Transfer. <i>Journal of Biological Chemistry</i> , 2009, 284, 26797-26802.	3.4	46
132	The EF-hand domain: A globally cooperative structural unit. <i>Protein Science</i> , 2009, 11, 198-205.	7.6	95
133	NMR Analysis of the Architecture and Functional Remodeling of a Modular Multidomain Protein, RPA. <i>Journal of the American Chemical Society</i> , 2009, 131, 6346-6347.	13.7	47
134	Characterization of binding-induced changes in dynamics suggests a model for sequence-nonspecific binding of ssDNA by replication protein A. <i>Protein Science</i> , 2009, 11, 2316-2325.	7.6	17
135	Experimental model of the interplay between TBL1-mediated activation and Siah1-induced polyubiquitination of Î²-catenin. <i>FASEB Journal</i> , 2009, 23, 849.2.	0.5	0
136	Evolution of the NIGMS Protein Structure Initiative. <i>Structure</i> , 2008, 16, 12-14.	3.3	1
137	Metal Chelation and Inhibition of Bacterial Growth in Tissue Abscesses. <i>Science</i> , 2008, 319, 962-965.	12.6	751
138	Cellular Functions of Human RPA1. <i>Journal of Biological Chemistry</i> , 2008, 283, 19095-19111.	3.4	100
139	Regulatory Functions of the N-terminal Domain of the 70-kDa Subunit of Replication Protein A (RPA). <i>Journal of Biological Chemistry</i> , 2008, 283, 21559-21570.	3.4	36
140	The Basic Cleft of RPA70N Binds Multiple Checkpoint Proteins, Including RAD9, To Regulate ATR Signaling. <i>Molecular and Cellular Biology</i> , 2008, 28, 7345-7353.	2.3	155
141	S100A8/A9 at low concentration promotes tumor cell growth via RAGE ligation and MAP kinase-dependent pathway. <i>Journal of Leukocyte Biology</i> , 2008, 83, 1484-1492.	3.3	265
142	Replication protein A prevents accumulation of single-stranded telomeric DNA in cells that use alternative lengthening of telomeres. <i>Nucleic Acids Research</i> , 2007, 35, 7267-7278.	14.5	59
143	An Iron-Sulfur Cluster in the C-terminal Domain of the p58 Subunit of Human DNA Primase. <i>Journal of Biological Chemistry</i> , 2007, 282, 33444-33451.	3.4	115
144	The Impact of X-ray Crystallography and NMR on Intracellular Calcium Signal Transduction by EF-Hand Proteins: Crossing the Threshold from Structure to Biology and Medicine. <i>Science's STKE: Signal Transduction Knowledge Environment</i> , 2007, 2007, pe27.	3.9	4

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145	The Extracellular Region of the Receptor for Advanced Glycation End Products Is Composed of Two Independent Structural Units. <i>Biochemistry</i> , 2007, 46, 6957-6970.	2.5	156
146	A common means to an end. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 176-177.	8.2	1
147	Biochemical and Structural Domain Analysis of Xeroderma Pigmentosum Complementation Group C Protein. <i>Biochemistry</i> , 2006, 45, 14965-14979.	2.5	74
148	The biochemical effect of Ser167 phosphorylation on <i>Chlamydomonas reinhardtii</i> centrin. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 342-348.	2.1	14
149	Structural mechanism of RPA loading on DNA during activation of a simple pre-replication complex. <i>EMBO Journal</i> , 2006, 25, 5516-5526.	7.8	73
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