

# Laura A Lindsey-Boltz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/714674/publications.pdf>

Version: 2024-02-01

49  
papers

5,258  
citations

236612

25  
h-index

243296

44  
g-index

51  
all docs

51  
docs citations

51  
times ranked

6329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Mechanisms of Mammalian DNA Repair and the DNA Damage Checkpoints. Annual Review of Biochemistry, 2004, 73, 39-85.	5.0	2,836
2	Loading of the human 9-1-1 checkpoint complex onto DNA by the checkpoint clamp loader hRad17-replication factor C complex in vitro. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1633-1638.	3.3	295
3	Circadian clock control of the cellular response to DNA damage. FEBS Letters, 2010, 584, 2618-2625.	1.3	212
4	Circadian control of XPA and excision repair of cisplatin-DNA damage by cryptochrome and HERC2 ubiquitin ligase. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4890-4895.	3.3	199
5	Purification and characterization of human DNA damage checkpoint Rad complexes. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 11236-11241.	3.3	187
6	Circadian Clock, Cancer, and Chemotherapy. Biochemistry, 2015, 54, 110-123.	1.2	122
7	Reconstitution of RPA-covered single-stranded DNA-activated ATR-Chk1 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13660-13665.	3.3	116
8	Structures of the Human Rad17-Replication Factor C and Checkpoint Rad 9-1-1 Complexes Visualized by Glycerol Spray/Low Voltage Microscopy. Journal of Biological Chemistry, 2002, 277, 15233-15236.	1.6	104
9	The human Rad9-Rad1-Hus1 checkpoint complex stimulates flap endonuclease 1. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16762-16767.	3.3	90
10	Mechanism of Release and Fate of Excised Oligonucleotides during Nucleotide Excision Repair. Journal of Biological Chemistry, 2012, 287, 22889-22899.	1.6	81
11	RNA polymerase: The most specific damage recognition protein in cellular responses to DNA damage?. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13213-13214.	3.3	68
12	Interactions of Human Mismatch Repair Proteins MutS $\alpha$ and MutL $\alpha$ with Proteins of the ATR-Chk1 Pathway. Journal of Biological Chemistry, 2010, 285, 5974-5982.	1.6	68
13	Human Claspin Is a Ring-shaped DNA-binding Protein with High Affinity to Branched DNA Structures. Journal of Biological Chemistry, 2004, 279, 39289-39295.	1.6	66
14	Reconstitution of a human ATR-mediated checkpoint response to damaged DNA. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13301-13306.	3.3	64
15	Long Patch Base Excision Repair Proceeds via Coordinated Stimulation of the Multienzyme DNA Repair Complex. Journal of Biological Chemistry, 2009, 284, 15158-15172.	1.6	51
16	Coupling of Human DNA Excision Repair and the DNA Damage Checkpoint in a Defined in Vitro System. Journal of Biological Chemistry, 2014, 289, 5074-5082.	1.6	51
17	Mechanism of Stimulation of Human DNA Ligase I by the Rad9-Rad1-Hus1 Checkpoint Complex. Journal of Biological Chemistry, 2006, 281, 20865-20872.	1.6	48
18	Reconstitution of Human Claspin-mediated Phosphorylation of Chk1 by the ATR (Ataxia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (Te 284, 33107-33114.	1.6	48

#	ARTICLE	IF	CITATIONS
19	UV Light Potentiates STING (Stimulator of Interferon Genes)-dependent Innate Immune Signaling through Deregulation of ULK1 (Unc51-like Kinase 1). <i>Journal of Biological Chemistry</i> , 2015, 290, 12184-12194.	1.6	46
20	Cooperative activation of the ATR checkpoint kinase by TopBP1 and damaged DNA. <i>Nucleic Acids Research</i> , 2009, 37, 1501-1509.	6.5	41
21	RHINO forms a stoichiometric complex with the 9-1-1 checkpoint clamp and mediates ATR-Chk1 signaling. <i>Cell Cycle</i> , 2015, 14, 99-108.	1.3	39
22	Circadian clock, carcinogenesis, chronochemotherapy connections. <i>Journal of Biological Chemistry</i> , 2021, 297, 101068.	1.6	35
23	Tethering DNA Damage Checkpoint Mediator Proteins Topoisomerase II $\beta$ -binding Protein 1 (TopBP1) and Claspin to DNA Activates Ataxia-Telangiectasia Mutated and RAD3-related (ATR) Phosphorylation of Checkpoint Kinase 1 (Chk1). <i>Journal of Biological Chemistry</i> , 2011, 286, 19229-19236.	1.6	34
24	Drosophila, which lacks canonical transcription-coupled repair proteins, performs transcription-coupled repair. <i>Journal of Biological Chemistry</i> , 2019, 294, 18092-18098.	1.6	34
25	Nucleotide excision repair by dual incisions in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4706-4710.	3.3	33
26	Circadian regulation of c-MYC in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21609-21617.	3.3	31
27	The DNA Damage Response Kinases DNA-dependent Protein Kinase (DNA-PK) and Ataxia Telangiectasia Mutated (ATM) Are Stimulated by Bulky Adduct-containing DNA. <i>Journal of Biological Chemistry</i> , 2011, 286, 19237-19246.	1.6	27
28	A Mammalian Activity Required for the Second Step of Pre-messenger RNA Splicing. <i>Journal of Biological Chemistry</i> , 1995, 270, 13415-13421.	1.6	25
29	In Vitro Analysis of the Role of Replication Protein A (RPA) and RPA Phosphorylation in ATR-mediated Checkpoint Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 36123-36131.	1.6	25
30	The human Rad9 checkpoint protein stimulates the carbamoyl phosphate synthetase activity of the multifunctional protein CAD. <i>Nucleic Acids Research</i> , 2004, 32, 4524-4530.	6.5	23
31	The human ATR-mediated DNA damage checkpoint in a reconstituted system. <i>Methods</i> , 2009, 48, 3-7.	1.9	22
32	Functional Conservation of the Human Homolog of the Yeast Pre-mRNA Splicing Factor Prp17p. <i>Journal of Biological Chemistry</i> , 1998, 273, 32771-32775.	1.6	20
33	Direct Role for the Replication Protein Treslin (Ticrr) in the ATR Kinase-mediated Checkpoint Response. <i>Journal of Biological Chemistry</i> , 2013, 288, 18903-18910.	1.6	16
34	Analysis of Ribonucleotide Removal from DNA by Human Nucleotide Excision Repair. <i>Journal of Biological Chemistry</i> , 2015, 290, 29801-29807.	1.6	16
35	Low hprt mRNA levels and multiple hprt mRNA species in 6-thioguanine-resistant Chinese hamster cell mutants possessing nonsense mutations. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1994, 308, 65-75.	0.4	13
36	Super hotspots and super coldspots in the repair of UV-induced DNA damage in the human genome. <i>Journal of Biological Chemistry</i> , 2021, 296, 100581.	1.6	13

#	ARTICLE	IF	CITATIONS
37	The Transcription-Repair Coupling Factor Mfd Prevents and Promotes Mutagenesis in a Context-Dependent Manner. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 668290.	1.6	11
38	Bringing It All Together: Coupling Excision Repair to the DNA Damage Checkpoint. <i>Photochemistry and Photobiology</i> , 2017, 93, 238-244.	1.3	10
39	The carboxy terminal WD domain of the pre-mRNA splicing factor Prp17p is critical for function. <i>Rna</i> , 2000, 6, 1289-1305.	1.6	9
40	Mycobacteria excise DNA damage in 12- or 13-nucleotide-long oligomers by prokaryotic-type dual incisions and performs transcription-coupled repair. <i>Journal of Biological Chemistry</i> , 2020, 295, 17374-17380.	1.6	9
41	Comparative analyses of two primate species diverged by more than 60 million years show different rates but similar distribution of genome-wide UV repair events. <i>BMC Genomics</i> , 2021, 22, 600.	1.2	5
42	Prespliceosome and Spliceosome Isolation and Analysis. , 1999, 118, 351-364.		3
43	Mechanistic Study of TTF-1 Modulation of Cellular Sensitivity to Cisplatin. <i>Scientific Reports</i> , 2019, 9, 7990.	1.6	3
44	InÂSilico Construction of a Protein Interaction Landscape for Nucleotide Excision Repair. <i>Cell Biochemistry and Biophysics</i> , 2009, 53, 101-114.	0.9	2
45	The Phosphoryl Transfer Reactions in Pre-Messenger RNA Splicing. , 2001, , 109-123.		1
46	Nucleotide Excision Repair in Eukaryotes. , 2004, , 130-133.		1
47	Coupling of Human DNA Excision Repair and the ATRâ€mediated DNA Damage Checkpoint. <i>FASEB Journal</i> , 2015, 29, 490.1.	0.2	1
48	Long Patch Base Excision Repair proceeds via coordinated stimulation of the multienzyme repair complex. <i>FASEB Journal</i> , 2009, 23, 836.13.	0.2	0
49	Interactions of human mismatch repair proteins MutSalphalpha and MutLalphalpha with proteins of the ATRâ€Chk1 pathway. <i>FASEB Journal</i> , 2010, 24, 492.10.	0.2	0