

Randal S Tibbetts

List of Publications by Year in descending order

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36
papers

2,592
citations

236925

25
h-index

361022

35
g-index

38
all docs

38
docs citations

38
times ranked

3980
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Linkage Between the Kinase ATM and NF- κ B Signaling in Response to Genotoxic Stimuli. <i>Science</i> , 2006, 311, 1141-1146.	12.6	467
2	ATR/ATM-mediated phosphorylation of human Rad17 is required for genotoxic stress responses. <i>Nature</i> , 2001, 411, 969-974.	27.8	245
3	The mRNA Surveillance Protein hSMG-1 Functions in Genotoxic Stress Response Pathways in Mammalian Cells. <i>Molecular Cell</i> , 2004, 14, 585-598.	9.7	202
4	The RNA-binding Protein Fused in Sarcoma (FUS) Functions Downstream of Poly(ADP-ribose) Polymerase (PARP) in Response to DNA Damage. <i>Journal of Biological Chemistry</i> , 2013, 288, 24731-24741.	3.4	202
5	Amyotrophic Lateral Sclerosis-associated Proteins TDP-43 and FUS/TLS Function in a Common Biochemical Complex to Co-regulate HDAC6 mRNA*. <i>Journal of Biological Chemistry</i> , 2010, 285, 34097-34105.	3.4	185
6	Ubiquilin Modifies TDP-43 Toxicity in a Drosophila Model of Amyotrophic Lateral Sclerosis (ALS). <i>Journal of Biological Chemistry</i> , 2010, 285, 11068-11072.	3.4	120
7	Potential of Amyotrophic Lateral Sclerosis (ALS)-associated TDP-43 Aggregation by the Proteasome-targeting Factor, Ubiquilin 1. <i>Journal of Biological Chemistry</i> , 2009, 284, 8083-8092.	3.4	108
8	Ataxia-telangiectasia-mutated (ATM) Is a T-antigen Kinase That Controls SV40 Viral Replication in Vivo. <i>Journal of Biological Chemistry</i> , 2005, 280, 40195-40200.	3.4	89
9	DNA Replication Defects, Spontaneous DNA Damage, and ATM-dependent Checkpoint Activation in Replication Protein A-deficient Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 34010-34014.	3.4	84
10	Regulation of Ribosomal Protein S6 Phosphorylation by Casein Kinase 1 and Protein Phosphatase 1. <i>Journal of Biological Chemistry</i> , 2011, 286, 8688-8696.	3.4	82
11	Direct regulation of CREB transcriptional activity by ATM in response to genotoxic stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5898-5903.	7.1	80
12	Casein Kinase 1-dependent Phosphorylation of Familial Advanced Sleep Phase Syndrome-associated Residues Controls PERIOD 2 Stability. <i>Journal of Biological Chemistry</i> , 2011, 286, 12766-12774.	3.4	69
13	Opposing roles of p38 and JNK in a Drosophila model of TDP-43 proteinopathy reveal oxidative stress and innate immunity as pathogenic components of neurodegeneration. <i>Human Molecular Genetics</i> , 2015, 24, 757-772.	2.9	55
14	RNA-binding proteins in neurodegenerative disease: TDP-43 and beyond. <i>Wiley Interdisciplinary Reviews RNA</i> , 2012, 3, 265-285.	6.4	53
15	Identification of Genetic Modifiers of TDP-43 Neurotoxicity in Drosophila. <i>PLoS ONE</i> , 2013, 8, e57214.	2.5	48
16	CELL BIOLOGY: Enhanced: Guiding ATM to Broken DNA. <i>Science</i> , 2005, 308, 510-511.	12.6	47
17	RNF8-dependent and RNF8-independent Regulation of 53BP1 in Response to DNA Damage. <i>Journal of Biological Chemistry</i> , 2008, 283, 13549-13555.	3.4	41
18	Transcription-dependent Activation of Ataxia Telangiectasia Mutated Prevents DNA-dependent Protein Kinase-mediated Cell Death in Response to Topoisomerase I Poison. <i>Journal of Biological Chemistry</i> , 2010, 285, 15201-15208.	3.4	37

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19	Coregulated Ataxia Telangiectasia-mutated and Casein Kinase Sites Modulate cAMP-response Element-binding Protein-Coactivator Interactions in Response to DNA Damage. <i>Journal of Biological Chemistry</i> , 2007, 282, 6283-6291.	3.4	36
20	Identification of Carboxyl-terminal MCM3 Phosphorylation Sites Using Polyreactive Phosphospecific Antibodies. <i>Journal of Biological Chemistry</i> , 2007, 282, 9236-9243.	3.4	36
21	High-content RNAi screening identifies the Type 1 inositol triphosphate receptor as a modifier of TDP-43 localization and neurotoxicity. <i>Human Molecular Genetics</i> , 2012, 21, 4845-4856.	2.9	36
22	Non-specific in vivo inhibition of CK1 by the pyridinyl imidazole p38 inhibitors SB 203580 and SB 202190. <i>BMB Reports</i> , 2009, 42, 142-147.	2.4	36
23	Mutations in <i>String/CDC25</i> inhibit cell cycle re-entry and neurodegeneration in a <i>Drosophila</i> model of Ataxia telangiectasia. <i>Genes and Development</i> , 2008, 22, 1205-1220.	5.9	35
24	DNA Replication Stress-induced Phosphorylation of Cyclic AMP Response Element-binding Protein Mediated by ATM. <i>Journal of Biological Chemistry</i> , 2006, 281, 1692-1697.	3.4	30
25	Mutation-dependent aggregation and toxicity in a <i>Drosophila</i> model for UBQLN2-associated ALS. <i>Human Molecular Genetics</i> , 2018, 27, 322-337.	2.9	30
26	<i>Trypanosoma cruzi</i> heat-shock protein 90 can functionally complement yeast. <i>Molecular and Biochemical Parasitology</i> , 1995, 70, 199-202.	1.1	24
27	Conserved and Distinct Modes of CREB/ATF Transcription Factor Regulation by PP2A/B56 β and Genotoxic Stress. <i>PLoS ONE</i> , 2010, 5, e12173.	2.5	20
28	The DnaJ family of protein chaperones in <i>Trypanosoma cruzi</i> 1Note: Nucleotide sequence data reported in this paper have been submitted to the GenBank $\text{\textcircled{c}}$ data base with the following accession numbers: tcj1, L42541; tcj2, L42549; tcj3, L46818; tcj4, L46819.1. <i>Molecular and Biochemical Parasitology</i> , 1998, 91, 319-326.	1.1	19
29	Proteasome inhibition suppresses DNA-dependent protein kinase activation caused by camptothecin. <i>DNA Repair</i> , 2010, 9, 76-82.	2.8	17
30	Problems at the nuclear pore. <i>Nature</i> , 2015, 525, 36-37.	27.8	13
31	Tunable regulation of CREB DNA binding activity couples genotoxic stress response and metabolism. <i>Nucleic Acids Research</i> , 2016, 44, gkw643.	14.5	13
32	Cyclin-dependent Kinase 1-dependent Phosphorylation of cAMP Response Element-binding Protein Decreases Chromatin Occupancy. <i>Journal of Biological Chemistry</i> , 2013, 288, 23765-23775.	3.4	11
33	TcDJ1, a putative mitochondrial DnaJ protein in <i>Trypanosoma cruzi</i> 1. <i>FEMS Microbiology Letters</i> , 1998, 166, 141-146.	1.8	10
34	Fused in sarcoma regulates DNA replication timing and kinetics. <i>Journal of Biological Chemistry</i> , 2021, 297, 101049.	3.4	7
35	Roles of constitutive and signal-dependent protein phosphatase 2A docking motifs in burst attenuation of the cyclic AMP response element-binding protein. <i>Journal of Biological Chemistry</i> , 2021, 297, 100908.	3.4	5
36	Cell Cycle Regulation and DNA Damage. , 2009, , 81-107.		0