

Rita S Cha

List of Publications by Year in descending order

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22
papers

1,306
citations

687220

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23
docs citations

23
times ranked

1302
citing authors

#	ARTICLE	IF	CITATIONS
1	ATR Homolog Mec1 Promotes Fork Progression, Thus Averting Breaks in Replication Slow Zones. <i>Science</i> , 2002, 297, 602-606.	6.0	407
2	Phosphorylation of the Axial Element Protein Hop1 by Mec1/Tel1 Ensures Meiotic Interhomolog Recombination. <i>Cell</i> , 2008, 132, 758-770.	13.5	285
3	Progression of meiotic DNA replication is modulated by interchromosomal interaction proteins, negatively by Spo11p and positively by Rec8p. <i>Genes and Development</i> , 2000, 14, 493-503.	2.7	209
4	Budding Yeast ATM/ATR Control Meiotic Double-Strand Break (DSB) Levels by Down-Regulating Rec114, an Essential Component of the DSB-machinery. <i>PLoS Genetics</i> , 2013, 9, e1003545.	1.5	115
5	Essential and Checkpoint Functions of Budding Yeast ATM and ATR during Meiotic Prophase Are Facilitated by Differential Phosphorylation of a Meiotic Adaptor Protein, Hop1. <i>PLoS ONE</i> , 2015, 10, e0134297.	1.1	54
6	Meiotic roles of Mec1, a budding yeast homolog of mammalian ATR/ATM. <i>Chromosome Research</i> , 2007, 15, 539-550.	1.0	36
7	Transcription of ribosomal genes can cause nondisjunction. <i>Journal of Cell Biology</i> , 2006, 173, 893-903.	2.3	32
8	Essential Function of Mec1, the Budding Yeast ATM/ATR Checkpoint-Response Kinase, in Protein Homeostasis. <i>Developmental Cell</i> , 2018, 46, 495-503.e2.	3.1	28
9	Versatility of the Mec1ATM/ATR signaling network in mediating resistance to replication, genotoxic, and proteotoxic stresses. <i>Current Genetics</i> , 2019, 65, 657-661.	0.8	26
10	Topoisomerase II α and Condensin-Dependent Breakage of MEC1ATR-Sensitive Fragile Sites Occurs Independently of Spindle Tension, Anaphase, or Cytokinesis. <i>PLoS Genetics</i> , 2012, 8, e1002978.	1.5	25
11	Enzymatic amplification and characterization of large DNA fragments from genomic DNA. <i>Gene</i> , 1988, 71, 211-216.	1.0	20
12	Induction and Analysis of Synchronous Meiotic Yeast Cultures. <i>Cold Spring Harbor Protocols</i> , 2015, 2015, pdb.prot085035.	0.2	16
13	Regulation of fragile sites expression in budding yeast by MEC1, RRM3 and hydroxyurea. <i>Journal of Cell Science</i> , 2011, 124, 181-185.	1.2	15
14	Global Linkage Map Connects Meiotic Centromere Function to Chromosome Size in Budding Yeast. G3: Genes, Genomes, Genetics, 2013, 3, 1741-1751.	0.8	12
15	S phase block following <i>MEC1ATR</i> inactivation occurs without severe dNTP depletion. <i>Biology Open</i> , 2015, 4, 1739-1743.	0.6	6
16	Analysis of Meiotic Recombination and Homolog Interaction during Yeast Meiosis: Figure 1.. <i>Cold Spring Harbor Protocols</i> , 2015, 2015, pdb.prot085050.	0.2	6
17	Cancer genome datamining and functional genetic analysis implicate mechanisms of ATM/ATR dysfunction underpinning carcinogenesis. <i>Communications Biology</i> , 2021, 4, 363.	2.0	5
18	Recombinogenic Conditions Influence Partner Choice in Spontaneous Mitotic Recombination. <i>PLoS Genetics</i> , 2013, 9, e1003931.	1.5	3

#	ARTICLE	IF	CITATIONS
19	Analysis of Yeast Sporulation Efficiency, Spore Viability, and Meiotic Recombination on Solid Medium. Cold Spring Harbor Protocols, 2015, 2015, pdb.prot085027.	0.2	3
20	Functional link between mitochondria and Rnr3, the minor catalytic subunit of yeast ribonucleotide reductase. Microbial Cell, 2019, 6, 286-294.	1.4	2
21	Analysis of Recombination and Chromosome Structure during Yeast Meiosis: Figure 1.. Cold Spring Harbor Protocols, 2015, 2015, pdb.top077636.	0.2	1
22	[44] Detection of point mutations in Ras in tumor cell lines by denaturant gradient gel electrophoresis. Methods in Enzymology, 1995, 255, 442-451.	0.4	0