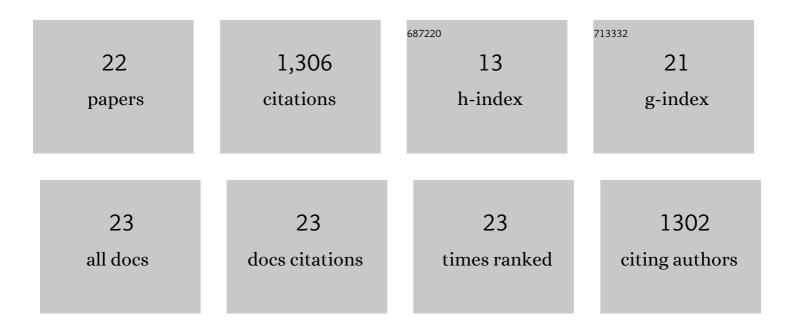
## Rita S Cha

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	ATR Homolog Mec1 Promotes Fork Progression, Thus Averting Breaks in Replication Slow Zones. Science, 2002, 297, 602-606.	6.0	407
2	Phosphorylation of the Axial Element Protein Hop1 by Mec1/Tel1 Ensures Meiotic Interhomolog Recombination. Cell, 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. Genes and Development, 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. PLoS Genetics, 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. PLoS ONE, 2015, 10, e0134297.	1.1	54
6	Meiotic roles of Mec1, a budding yeast homolog of mammalian ATR/ATM. Chromosome Research, 2007, 15, 539-550.	1.0	36
7	Transcription of ribosomal genes can cause nondisjunction. Journal of Cell Biology, 2006, 173, 893-903.	2.3	32
8	Essential Function of Mec1, the Budding Yeast ATM/ATR Checkpoint-Response Kinase, in Protein Homeostasis. Developmental Cell, 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. Current Genetics, 2019, 65, 657-661.	0.8	26
10	Topoisomerase II– and Condensin-Dependent Breakage of MEC1ATR-Sensitive Fragile Sites Occurs Independently of Spindle Tension, Anaphase, or Cytokinesis. PLoS Genetics, 2012, 8, e1002978.	1.5	25
11	Enzymatic amplification and characterization of large DNA fragments from genomic DNA. Gene, 1988, 71, 211-216.	1.0	20
12	Induction and Analysis of Synchronous Meiotic Yeast Cultures. Cold Spring Harbor Protocols, 2015, 2015, 2015, pdb.prot085035.	0.2	16
13	Regulation of fragile sites expression in budding yeast by MEC1, RRM3 and hydroxyurea. Journal of Cell Science, 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. Biology Open, 2015, 4, 1739-1743.	0.6	6
16	Analysis of Meiotic Recombination and Homolog Interaction during Yeast Meiosis: Figure 1 Cold Spring Harbor Protocols, 2015, 2015, pdb.prot085050.	0.2	6
17	Cancer genome datamining and functional genetic analysis implicate mechanisms of ATM/ATR dysfunction underpinning carcinogenesis. Communications Biology, 2021, 4, 363.	2.0	5
18	Recombinogenic Conditions Influence Partner Choice in Spontaneous Mitotic Recombination. PLoS Genetics, 2013, 9, e1003931.	1.5	3

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#	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