Judith L Yanowitz

List of Publications by Year
in descending order

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41 papers	1,218 citations	361413 20 h-index	434195 31 g-index
50 all docs	50 docs citations	50 times ranked	1527 citing authors

#	Article	IF	Citations
1	The CHARGE syndrome ortholog CHD-7 regulates TGF-Î² pathways in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2109508119.	7.1	6
2	Modeling primary ovarian insufficiency-associated loci in C. elegans identifies novel pathogenic allele of MSH5. Journal of Assisted Reproduction and Genetics, 2022, 39, 1255-1260.	2.5	5
3	idpr: A package for profiling and analyzing Intrinsically Disordered Proteins in R. PLoS ONE, 2022, 17, e0266929.	2.5	6
4	Cytogenetic signatures of recurrent pregnancy losses. Prenatal Diagnosis, 2021, 41, 70-78.	2.3	7
5	Molecular basis of reproductive senescence: insights from model organisms. Journal of Assisted Reproduction and Genetics, 2021, 38, 17-32.	2.5	9
6	Variants in GCNA, X-linked germ-cell genome integrity gene, identified in men with primary spermatogenic failure. Human Genetics, 2021, 140, 1169-1182.	3.8	27
7	Aging Negatively Impacts DNA Repair and Bivalent Formation in the C. elegans Germ Line. Frontiers in Cell and Developmental Biology, 2021, 9, 695333.	3.7	11
8	GCNA Preserves Genome Integrity and Fertility Across Species. Developmental Cell, 2020, 52, 38-52.e10.	7.0	53
9	Poly(ADP-ribose) glycohydrolase coordinates meiotic DNA double-strand break induction and repair independent of its catalytic activity. Nature Communications, 2020, 11, 4869.	12.8	16
10	The molecular tug of war between immunity and fertility: Emergence of conserved signaling pathways and regulatory mechanisms. BioEssays, 2020, 42, 2000103.	2.5	11
11	The longevity-promoting factor, TCER-1, widely represses stress resistance and innate immunity. Nature Communications, 2019, 10, 3042.	12.8	26
12	ATM and ATR Influence Meiotic Crossover Formation Through Antagonistic and Overlapping Functions in Caenorhabditis elegans. Genetics, 2019, 212, 431-443.	2.9	16
13	A DNA repair protein and histone methyltransferase interact to promote genome stability in the Caenorhabditis elegans germ line. PLoS Genetics, 2019, 15, e1007992.	3.5	19
14	A LONGEVITY PROMOTING FACTOR THAT SUPPRESSES IMMUNITY AND HEALTHSPAN. Innovation in Aging, 2019, 3, S769-S769.	0.1	0
15	Meiotic Double-Strand Break Proteins Influence Repair Pathway Utilization. Genetics, 2018, 210, 843-856.	2.9	34
16	Meiosis. WormBook, 2017, 2017, 1-43.	5.3	92
17	Control of meiotic pairing and recombination by chromosomally tethered 26 S proteasome. Science, 2017, 355, 408-411.	12.6	80
18	X Chromosome Crossover Formation and Genome Stability inCaenorhabditis elegansAre Independently Regulated byxnd-1. G3: Genes, Genomes, Genetics, 2016, 6, 3913-3925.	1.8	15

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19	A twist of fate: How a meiotic protein is providing new perspectives on germ cell development. Worm, 2016, 5, e1175259.	1.0	0
20	The p53-like Protein CEP-1 Is Required for Meiotic Fidelity in C.Âelegans. Current Biology, 2016, 26, 1148-1158.	3.9	30
21	Unearthing aneuploidy: investigating double-strand breaks in oocytes of Caenorhabditis elegans. Fertility and Sterility, 2016, 106, e187-e188.	1.0	0
22	A Surveillance System Ensures Crossover Formation in C.Âelegans. Current Biology, 2016, 26, 2873-2884.	3.9	56
23	Promotion of Homologous Recombination by SWS-1 in Complex with RAD-51 Paralogs in Caenorhabditis elegans. Genetics, 2016, 203, 133-145.	2.9	25
24	DAF-16 and TCER-1 Facilitate Adaptation to Germline Loss by Restoring Lipid Homeostasis and Repressing Reproductive Physiology in C. elegans. PLoS Genetics, 2016, 12, e1005788.	3.5	49
25	REC-1 and HIM-5 distribute meiotic crossovers and function redundantly in meiotic double-strand break formation in Caenorhabditis elegans. Genes and Development, 2015, 29, 1969-1979.	5.9	19
26	A novel germ cell determinant reveals parallel pathways for germ line development inCaenorhabditis elegans. Development (Cambridge), 2015, 142, 3571-82.	2.5	22
27	Methodological considerations for mutagen exposure in C. elegans. Methods, 2014, 68, 441-449.	3.8	7
28	Expanding the C. elegans toolbox into a toolshed. Methods, 2014, 68, 379-380.	3.8	1
29	Methodological considerations for heat shock of the nematode Caenorhabditis elegans. Methods, 2014, 68, 450-457.	3.8	54
30	Crossover Distribution and Frequency Are Regulated by him-5 in Caenorhabditis elegans. Genetics, 2012, 190, 1251-1266.	2.9	60
31	An extracellular matrix protein prevents cytokinesis failure and aneuploidy in theC. elegansgermline. Cell Cycle, 2011, 10, 1916-1920.	2.6	5
32	The Translation Initiation Factor eIF4E Regulates the Sex-Specific Expression of the Master Switch Gene Sxl in Drosophila melanogaster. PLoS Genetics, 2011, 7, e1002185.	3.5	24
33	Meiosis: making a break for it. Current Opinion in Cell Biology, 2010, 22, 744-751.	5.4	48
34	xnd-1 regulates the global recombination landscape in Caenorhabditis elegans. Nature, 2010, 467, 839-843.	27.8	86
35	Domain-Specific Regulation of Recombination inCaenorhabditis elegansin Response to Temperature, Age and Sex. Genetics, 2008, 180, 715-726.	2.9	39
36	Genome Integrity Is Regulated by theCaenorhabditis elegansRad51D Homologrfs-1. Genetics, 2008, 179, 249-262.	2.9	38

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37	Replication blocking lesions present a unique substrate for homologous recombination. EMBO Journal, 2007, 26, 3384-3396.	7.8	77
38	If I only had a brain: exploring mouse brain images in the Allen Brain Atlas. Biology of the Cell, 2007, 99, 403-409.	2.0	9
39	An antagonistic role for the C. elegans Schnurri homolog SMA-9 in modulating TGFÎ² signaling during mesodermal patterning. Development (Cambridge), 2006, 133, 2887-2896.	2.5	57
40	The Drosophila GAGA Factor Is Required for Dosage Compensation in Males and for the Formation of the Male-Specific-Lethal Complex Chromatin Entry Site at 12DE. Genetics, 2004, 166, 279-289.	2.9	29
41	An N-Terminal Truncation Uncouples the Sex-Transforming and Dosage Compensation Functions of Sex-lethal. Molecular and Cellular Biology, 1999, 19, 3018-3028.	2.3	45