

Hyeon-Sook Koo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	AP2M1 Supports TGF- β 2 Signals to Promote Collagen Expression by Inhibiting Caveolin Expression. International Journal of Molecular Sciences, 2021, 22, 1639.	1.8	1
2	Hypersensitivity to DNA double-strand breaks associated with PARC deficiency is suppressed by exo- γ and polq Δ mutations in <i>Caenorhabditis elegans</i> . FEBS Journal, 2020, 287, 1101-1115.	2.2	10
3	A novel functional cross-interaction between opioid and pheromone signaling may be involved in stress avoidance in <i>Caenorhabditis elegans</i> . Scientific Reports, 2020, 10, 7524.	1.6	3
4	Single-strand annealing mediates the conservative repair of double-strand DNA breaks in homologous recombination-defective germ cells of <i>Caenorhabditis elegans</i> . DNA Repair, 2019, 75, 18-28.	1.3	14
5	The <i>Caenorhabditis elegans</i> WRN helicase promotes double-strand DNA break repair by mediating end resection and checkpoint activation. FEBS Letters, 2017, 591, 2155-2166.	1.3	9
6	Roles of <i>Caenorhabditis elegans</i> WRN Helicase in DNA Damage Responses, and a Comparison with Its Mammalian Homolog: A Mini-Review. Gerontology, 2016, 62, 296-303.	1.4	8
7	A PHF8 Homolog in <i>C. elegans</i> Promotes DNA Repair via Homologous Recombination. PLoS ONE, 2015, 10, e0123865.	1.1	12
8	Transgene-mediated co-suppression of DNA topoisomerase-1 gene in <i>Caenorhabditis elegans</i> . International Journal of Biochemistry and Molecular Biology, 2014, 5, 11-20.	0.1	4
9	<i>C. elegans</i> Ring Finger Protein RNF-113 Is Involved in Interstrand DNA Crosslink Repair and Interacts with a RAD51C Homolog. PLoS ONE, 2013, 8, e60071.	1.1	13
10	The 53BP1 Homolog in <i>C. elegans</i> Influences DNA Repair and Promotes Apoptosis in Response to Ionizing Radiation. PLoS ONE, 2013, 8, e64028.	1.1	15
11	Physical and Functional Interactions of <i>Caenorhabditis elegans</i> WRN-1 Helicase with RPA-1. Biochemistry, 2012, 51, 1336-1345.	1.2	15
12	STR-33, a Novel G Protein-coupled Receptor That Regulates Locomotion and Egg Laying in <i>Caenorhabditis elegans</i> . Journal of Biological Chemistry, 2011, 286, 39860-39870.	1.6	4
13	The involvement of FANCM, FANCI, and checkpoint proteins in the interstrand DNA crosslink repair pathway is conserved in <i>C. elegans</i> . DNA Repair, 2010, 9, 374-382.	1.3	25
14	<i>Caenorhabditis elegans</i> mitofilin homologs control the morphology of mitochondrial cristae and influence reproduction and physiology. Journal of Cellular Physiology, 2010, 224, 748-756.	2.0	68
15	The <i>Caenorhabditis elegans</i> Werner Syndrome Protein Functions Upstream of ATR and ATM in Response to DNA Replication Inhibition and Double-Strand DNA Breaks. PLoS Genetics, 2010, 6, e1000801.	1.5	50
16	DIC Δ overexpression enhances respiratory activity in <i>Caenorhabditis elegans</i> by promoting mitochondrial cristae formation. Genes To Cells, 2009, 14, 319-327.	0.5	10
17	The <i>Caenorhabditis elegans</i> AMP-activated Protein Kinase AAK-2 Is Phosphorylated by LKB1 and Is Required for Resistance to Oxidative Stress and for Normal Motility and Foraging Behavior. Journal of Biological Chemistry, 2008, 283, 14988-14993.	1.6	83
18	The efficiency of RNA interference in <i>Bursaphelenchus xylophilus</i> . Molecules and Cells, 2008, 26, 81-6.	1.0	32

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19	Developmental stage- and DNA damage-specific functions of <i>C. elegans</i> FANCD2. <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 479-485.	1.0	20
20	<i>Caenorhabditis elegans</i> as a screening tool for the endothelial cell-derived putative aging-related proteins detected by proteomic analysis. <i>Proteomics</i> , 2006, 6, 3339-3351.	1.3	23
21	Enzymatic properties of the <i>Caenorhabditis elegans</i> Dna2 endonuclease/helicase and a species-specific interaction between RPA and Dna2. <i>Nucleic Acids Research</i> , 2005, 33, 1372-1383.	6.5	32
22	A Werner syndrome protein homolog affects <i>C. elegans</i> development, growth rate, life span and sensitivity to DNA damage by acting at a DNA damage checkpoint. <i>Development (Cambridge)</i> , 2004, 131, 2565-2575.	1.2	53
23	A DNA repair gene of <i>Caenorhabditis elegans</i> : a homolog of human XPF. <i>DNA Repair</i> , 2004, 3, 1375-1383.	1.3	20
24	Deficiency of <i>Caenorhabditis elegans</i> RecQ5 homologue reduces life span and increases sensitivity to ionizing radiation. <i>DNA Repair</i> , 2003, 2, 1309-1319.	1.3	26
25	<i>Caenorhabditis elegans</i> dna-2 is involved in DNA repair and is essential for germ-line development. <i>FEBS Letters</i> , 2003, 555, 250-256.	1.3	11
26	Dna2 requirement for normal reproduction of <i>Caenorhabditis elegans</i> is temperature-dependent. <i>Molecules and Cells</i> , 2003, 15, 81-6.	1.0	18
27	The gene expression and deficiency phenotypes of Cockayne syndrome B protein in <i>Caenorhabditis elegans</i> . <i>FEBS Letters</i> , 2002, 522, 47-51.	1.3	23
28	Coaction of DNA topoisomerase III β and a RecQ homologue during the germ-line mitosis in <i>Caenorhabditis elegans</i> . <i>Genes To Cells</i> , 2002, 7, 19-27.	0.5	15
29	The <i>Caenorhabditis elegans</i> XPA homolog of human XPA. <i>Molecules and Cells</i> , 2002, 14, 50-5.	1.0	17
30	Regulation of gene expression, cellular localization, and in vivo function of <i>Caenorhabditis elegans</i> DNA topoisomerase I. <i>Genes To Cells</i> , 2001, 6, 303-312.	0.5	14
31	A deubiquitinating enzyme, UCH/CeUBP130, has an essential role in the formation of a functional microtubule-organizing centre (MTOC) during early cleavage in <i>C. elegans</i> . <i>Genes To Cells</i> , 2001, 6, 899-911.	0.5	9
32	Alternative splicing in the <i>Caenorhabditis elegans</i> DNA topoisomerase I gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1998, 1396, 207-214.	2.4	11
33	Cloning and Characterization of the 5' Flanking Region for the Human Topoisomerase III Gene. <i>Journal of Biological Chemistry</i> , 1998, 273, 26130-26137.	1.6	13
34	Helical Periodicity of GA-Alternating Triple-Stranded DNA. <i>Biochemistry</i> , 1996, 35, 968-972.	1.2	11
35	cDNA Cloning, Expression, and Chromosomal Localization of <i>Caenorhabditis elegans</i> DNA Topoisomerase I. <i>FEBS Journal</i> , 1996, 237, 367-372.	0.2	6
36	Identification of a DNA supercoiling activity in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 1992, 20, 5067-5072.	6.5	10

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37	DNA bending at adenine-thymine tracts. Nature, 1986, 320, 501-506.	13.7	1,105