Yhong-Hee Shim

List of Publications by Year
in descending order

52 papers	1,270 citations	516710 16 h-index	395702 33 g-index
52 all docs	52 docs citations	52 times ranked	1646 citing authors

#	Article	IF	Citations
1	Caenorhabditis elegans as a powerful tool in natural product bioactivity research. Applied Biological Chemistry, 2022, 65, .	1.9	10
2	3,3â€²-Diindolylmethane Supplementation Maintains Oocyte Quality by Reducing Oxidative Stress and CEP-1/p53-Mediated Regulation of Germ Cells in a Reproductively Aged Caenorhabditis elegans Model. Antioxidants, 2022, 11, 950.	5.1	3
3	Depletion of gipc-1 and gipc-2 causes infertility in Caenorhabditis elegans by reducing sperm motility. Biochemical and Biophysical Research Communications, 2021, 534, 219-225.	2.1	1
4	Nicotinamide Supplementation Improves Oocyte Quality and Offspring Development by Modulating Mitochondrial Function in an Aged Caenorhabditis elegans Model. Antioxidants, 2021, 10, 519.	5.1	14
5	Long-Term Caffeine Intake Exerts Protective Effects on Intestinal Aging by Regulating Vitellogenesis and Mitochondrial Function in an Aged Caenorhabditis Elegans Model. Nutrients, 2021, 13, 2517.	4.1	7
6	Effects of Phosphoethanolamine Supplementation on Mitochondrial Activity and Lipogenesis in a Caffeine Ingestion Caenorhabditis elegans Model. Nutrients, 2020, 12, 3348.	4.1	15
7	Maternal Caffeine Intake Disrupts Eggshell Integrity and Retards Larval Development by Reducing Yolk Production in a Caenorhabditis elegans Model. Nutrients, 2020, 12, 1334.	4.1	13
8	Gliadin Intake Causes Disruption of the Intestinal Barrier and an Increase in Germ Cell Apoptosis in A Caenorhabditis Elegans Model. Nutrients, 2019, 11, 2587.	4.1	8
9	Autophagy of germ-granule components, PGL-1 and PGL-3, contributes to DNA damage-induced germ cell apoptosis in C. elegans. PLoS Genetics, 2019, 15, e1008150.	3.5	11
10	Gliadin intake induces oxidative-stress responses in Caenorhabditis elegans. Biochemical and Biophysical Research Communications, 2018, 503, 2139-2145.	2.1	9
11	cdc-25.2, a Caenorhabditis elegans ortholog of cdc25 , is required for male tail morphogenesis. Biochemical and Biophysical Research Communications, 2017, 482, 1213-1218.	2.1	1
12	Depletion of <i>cdcâ€25.3</i>, a <i>CaenorhabditisÂelegans</i> orthologue of <i>cdc25</i>, increases physiological germline apoptosis. FEBS Letters, 2017, 591, 2131-2146.	2.8	4
13	cyb-1, a C. elegans B-type cyclin, maintains proper position and number of centrosomes during spermatogenesis. Journal of Cell Science, 2017, 130, 2722-2735.	2.0	2
14	Transgenerational effects of proton beam irradiation on Caenorhabditis elegans germline apoptosis. Biochemical and Biophysical Research Communications, 2017, 490, 608-615.	2.1	11
15	Caffeine-induced food-avoidance behavior is mediated by neuroendocrine signals in Caenorhabditis elegans. BMB Reports, 2017, 50, 31-36.	2.4	12
16	Loss of PGL-1 and PGL-3, a family of constitutive germ-granule components, promotes germline apoptosis in <i>C. elegans</i>. Journal of Cell Science, 2016, 129, 341-53.	2.0	18
17	<i>cdc-25.4</i>, a<i>Caenorhabditis elegans</i>Ortholog of<i>cdc25</i>, Is Required for Male Mating Behavior. G3: Genes, Genomes, Genetics, 2016, 6, 4127-4138.	1.8	2
18	Anti-aging treatments slow propagation of synucleinopathy by restoring lysosomal function. Autophagy, 2016, 12, 1849-1863.	9.1	59

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19	Somatically expressed germ-granule components, PGL-1 and PGL-3, repress programmed cell death in C. elegans. Scientific Reports, 2016, 6, 33884.	3.3	6
20	CDC-25.2, a<i>C. elegans</i>ortholog of<i>cdc25</i>, is essential for the progression of intestinal divisions. Cell Cycle, 2016, 15, 654-666.	2.6	21
21	LIN-23, an E3 Ubiquitin Ligase Component, Is Required for the Repression of CDC-25.2 Activity during Intestinal Development in Caenorhabditis elegans. Molecules and Cells, 2016, 39, 834-840.	2.6	5
22	Caffeine Induces the Stress Response and Up-Regulates Heat Shock Proteins in Caenorhabditis elegans. Molecules and Cells, 2016, 39, 163-168.	2.6	14
23	Loss of PGL-1 and PGL-3, members of a family of constitutive germ-granule components, promotes germline apoptosis in <i>C. elegans</i>. Development (Cambridge), 2016, 143, e1.2-e1.2.	2.5	0
24	Caffeine Induces High Expression of cyp-35A Family Genes and Inhibits the Early Larval Development in Caenorhabditis elegans. Molecules and Cells, 2015, 38, 236-242.	2.6	27
25	Increased Stability of Nucleolar PinX1 in the Presence of TERT. Molecules and Cells, 2015, 38, 814-820.	2.6	4
26	Cholesterol-Responsive Metabolic Proteins Are Required for Larval Development in Caenorhabditis elegans. Molecules and Cells, 2013, 36, 410-416.	2.6	14
27	PAB-1, a Caenorhabditis elegans Poly(A)-Binding Protein, Regulates mRNA Metabolism in germline by Interacting with CGH-1 and CAR-1. PLoS ONE, 2013, 8, e84798.	2.5	16
28	CDC-25.1 controls the rate of germline mitotic cell cycle by counteracting WEE-1.3 and by positively regulating CDK-1 in<i>Caenorhabditis elegans</i>. Cell Cycle, 2012, 11, 1354-1363.	2.6	18
29	Regulation of Sperm-Specific Proteins by IFE-1, a Germline-Specific Homolog of eIF4E, in C. elegans. Molecules and Cells, 2011, 31, 191-198.	2.6	19
30	Identification of cdc25 Gene in Pinewood Nematode, Bursaphelenchus xylophilus, and Its Function in Reproduction. Molecules and Cells, 2010, 29, 195-202.	2.6	2
31	Two Mutations in pab-1 Encoding Poly(A)-Binding Protein Show Similar Defects in Germline Stem Cell Proliferation but Different Longevity in C. elegans. Molecules and Cells, 2010, 30, 167-172.	2.6	10
32	Apigenin inhibits larval growth of<i>Caenorhabditis elegans</i>through DAFâ€16 activation. FEBS Letters, 2010, 584, 3587-3591.	2.8	20
33	A circulatory transcriptional regulation among <i>dafâ€9, dafâ€12</i>, and <i>dafâ€16</i> mediates larval development upon cholesterol starvation in <i>Caenorhabditis elegans</i>â€. Developmental Dynamics, 2010, 239, 1931-1940.	1.8	18
34	<i>Caenorhabditis elegans</i> proteomics comes of age. Proteomics, 2010, 10, 846-857.	2.2	17
35	cdc-25.2, a C. elegans ortholog of cdc25, is required to promote oocyte maturation. Journal of Cell Science, 2010, 123, 993-1000.	2.0	29
36	Identification and Characterization of a Dual-Acting Antinematodal Agent against the Pinewood Nematode, Bursaphelenchus xylophilus. PLoS ONE, 2009, 4, e7593.	2.5	17

#	ARTICLE	IF	CITATIONS
37	Inhibition of Overexpressed CDC-25.1 Phosphatase Activity by Flavone in Caenorhabditis elegans. Molecules and Cells, 2009, 27, 345-350.	2.6	5
38	A Mutation of cdc-25.1 Causes Defects in Germ Cells But Not in Somatic Tissues in C. elegans. Molecules and Cells, 2009, 28, 43-48.	2.6	17
39	Proteomic Analysis of Caenorhabditis elegans. Methods in Molecular Biology, 2009, 519, 145-169.	0.9	13
40	Proteomic Analysis of the Sterol-Mediated Signaling Pathway in Caenorhabditis elegans. Methods in Molecular Biology, 2009, 462, 1-15.	0.9	5
41	Inhibition of developmental processes by flavone in Caenorhabditis elegans and its application to the pinewood nematode, Bursaphelenchus xylophilus. Molecules and Cells, 2008, 26, 171-4.	2.6	13
42	Effects of Ginsenosides, Active Ingredients of Panax ginseng, on Development, Growth, and Life Span of Caenorhabditis elegans. Biological and Pharmaceutical Bulletin, 2007, 30, 2126-2134.	1.4	39
43	C. elegans: an invaluable model organism for the proteomics studies of the cholesterol-mediated signaling pathway. Expert Review of Proteomics, 2006, 3, 439-453.	3.0	15
44	DNA methyltransferase expression and DNA hypermethylation in human hepatocellular carcinoma. Cancer Letters, 2006, 233, 271-278.	7.2	99
45	Functional and phenotypic relevance of differentially expressed proteins in calcineurin mutants ofCaenorhabditis elegans. Proteomics, 2006, 6, 1340-1350.	2.2	11
46	Relationships between the larval growth inhibition ofCaenorhabditis elegans by apigenin derivatives and their structures. Archives of Pharmacal Research, 2006, 29, 582-586.	6.3	21
47	Cholesterol-producing transgenic Caenorhabditis elegans lives longer due to newly acquired enhanced stress resistance. Biochemical and Biophysical Research Communications, 2005, 328, 929-936.	2.1	33
48	A novel mutation of the human 7-dehydrocholesterol reductase gene reduces enzyme activity in patients with holoprosencephaly. Biochemical and Biophysical Research Communications, 2004, 315, 219-223.	2.1	9
49	Expression of DNA methyltransferases in multistep hepatocarcinogenesis. Human Pathology, 2003, 34, 11-17.	2.0	62
50	Role of cholesterol in germ-line development ofCaenorhabditis elegans. Molecular Reproduction and Development, 2002, 61, 358-366.	2.0	64
51	PGL-1, a Predicted RNA-Binding Component of Germ Granules, Is Essential for Fertility in C. elegans. Cell, 1998, 94, 635-645.	28.9	340
52	DNA methyltransferase expression and DNA methylation in human hepatocellular carcinoma and their clinicopathological correlation. International Journal of Molecular Medicine, 0, , .	4.0	67