# Myon-Hee Lee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1926233/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 52 papers | 1,310 citations | 361045 20 h-index | 395343 33 g-index |
| 54 all docs | 54 docs citations | 54 times ranked | 1623 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Conserved Regulation of MAP Kinase Expression by PUF RNA-Binding Proteins. PLoS Genetics, 2007, 3, e233. | 1.5 | 114 |
| 2 | Calcineurin, a Calcium/Calmodulin-dependent Protein Phosphatase, Is Involved in Movement, Fertility, Egg Laying, and Growth inCaenorhabditis elegans. Molecular Biology of the Cell, 2002, 13, 3281-3293. | 0.9 | 99 |
| 3 | Postâ€transcriptional regulation of the Rasâ€ERK/MAPK signaling pathway. Journal of Cellular Physiology, 2012, 227, 1235-1241. | 2.0 | 80 |
| 4 | Triclosan: An Update on Biochemical and Molecular Mechanisms. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-28. | 1.9 | 80 |
| 5 | C. elegans La-related protein, LARP-1, localizes to germline P bodies and attenuates Ras-MAPK signaling during oogenesis. Rna, 2008, 14, 1378-1389. | 1.6 | 71 |
| 6 | LIP-1 phosphatase controls the extent of germline proliferation in Caenorhabditis elegans. EMBO Journal, 2006, 25, 88-96. | 3.5 | 68 |
| 7 | Measurement of Intracellular ROS in Caenorhabditis elegans Using 2â€™,7â€™-Dichlorodihydrofluorescein Diacetate. Bio-protocol, 2018, 8, . | 0.2 | 64 |
| 8 | Protocatechuic acid extends lifespan and increases stress resistance in Caenorhabditis elegans. Archives of Pharmacal Research, 2014, 37, 245-252. | 2.7 | 38 |
| 9 | Triclosan Disrupts SKN-1/Nrf2-Mediated Oxidative Stress Response in C. elegans and Human Mesenchymal Stem Cells. Scientific Reports, 2017, 7, 12592. | 1.6 | 36 |
| 10 | Chemical reprogramming of Caenorhabditis elegans germ cell fate. Nature Chemical Biology, 2010, 6, 102-104. | 3.9 | 34 |
| 11 | Catalpol Modulates Lifespan via DAF-16/FOXO and SKN-1/Nrf2 Activation inCaenorhabditis elegans. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-10. | 0.5 | 32 |
| 12 | Nicotine exposure and transgenerational impact: a prospective study on small regulatory microRNAs. Scientific Reports, 2014, 4, 7513. | 1.6 | 32 |
| 13 | Disruption of erythrocyte membrane asymmetry by triclosan is preceded by calcium dysregulation and p38 MAPK and RIP1 stimulation. Chemosphere, 2019, 229, 103-111. | 4.2 | 31 |
| 14 | Caenorhabditis elegans: A Model System for Anti-Cancer Drug Discovery and Therapeutic Target Identification. Biomolecules and Therapeutics, 2014, 22, 371-383. | 1.1 | 31 |
| 15 | Enhancement of Mesenchymal Stem Cell-Driven Bone Regeneration by Resveratrol-Mediated SOX2 Regulation. , 2019, 10, 818. | | 28 |
| 16 | Deficiency of Caenorhabditis elegans RecQ5 homologue reduces life span and increases sensitivity to ionizing radiation. DNA Repair, 2003, 2, 1309-1319. | 1.3 | 26 |
| 17 | The Ras-ERK MAPK regulatory network controls dedifferentiation in Caenorhabditis elegans germline. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1847-1855. | 1.9 | 26 |
| 18 | MPKâ€1/ERK is required for the full activity of resveratrol in extended lifespan and reproduction. Aging Cell, 2019, 18, e12867. | 3.0 | 26 |

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|---|---|---|---|
| 19 | Sorbus alnifoliaprotects dopaminergic neurodegeneration inCaenorhabditis elegans. Pharmaceutical Biology, 2017, 55, 481-486. | 1.3 | 24 |
| 20 | The gene expression and deficiency phenotypes of Cockayne syndrome B protein inCaenorhabditis elegans. FEBS Letters, 2002, 522, 47-51. | 1.3 | 23 |
| 21 | A simple and rapid method for combining fluorescent in situ RNA hybridization (FISH) and immunofluorescence in the C. elegans germline. MethodsX, 2016, 3, 378-385. | 0.7 | 23 |
| 22 | Stimulation of eryptosis by broad-spectrum insect repellent N,N-Diethyl-3-methylbenzamide (DEET). Toxicology and Applied Pharmacology, 2019, 370, 36-43. | 1.3 | 23 |
| 23 | Phosphorylation state of a Tob/BTG protein, FOG-3, regulates initiation and maintenance of the Caenorhabditis elegans sperm fate program. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9125-9130. | 3.3 | 21 |
| 24 | Distinct roles of two eIF4E isoforms in the germline ofCaenorhabditis elegans. Journal of Cell Science, 2020, 133, . | 1.2 | 18 |
| 25 | Dna2 requirement for normal reproduction of Caenorhabditis elegans is temperature-dependent. Molecules and Cells, 2003, 15, 81-6. | 1.0 | 18 |
| 26 | Role of PUFâ€8/PUF Protein in Stem Cell Control, Spermâ€Oocyte Decision and Cell Fate Reprogramming. Journal of Cellular Physiology, 2014, 229, 1306-1311. | 2.0 | 17 |
| 27 | RNAâ€binding protein PUM2 regulates mesenchymal stem cell fate via repression of JAK2 and RUNX2 mRNAs. Journal of Cellular Physiology, 2020, 235, 3874-3885. | 2.0 | 17 |
| 28 | Regulation of gene expression, cellular localization, and in vivo function of Caenorhabditis elegans DNA topoisomerase I. Genes To Cells, 2001, 6, 303-312. | 0.5 | 14 |
| 29 | C. elegans FOG-3/Tob can either promote or inhibit germline proliferation, depending on gene dosage and genetic context. Oncogene, 2013, 32, 2614-2621. | 2.6 | 14 |
| 30 | Drug-dependent behaviors and nicotinic acetylcholine receptor expressions in Caenorhabditis elegans following chronic nicotine exposure. NeuroToxicology, 2015, 47, 27-36. | 1.4 | 14 |
| 31 | Single-strand annealing mediates the conservative repair of double-strand DNA breaks in homologous recombination-defective germ cells of Caenorhabditis elegans. DNA Repair, 2019, 75, 18-28. | 1.3 | 14 |
| 32 | A high-content assay for identifying small molecules that reprogram C. elegans germ cell fate. Methods, 2014, 68, 529-535. | 1.9 | 13 |
| 33 | Subunits of the <scp>DNA</scp> polymerase alphaâ€primase complex promote Notchâ€mediated proliferation with discrete and shared functions in C. elegans germline. FEBS Journal, 2018, 285, 2590-2604. | 2.2 | 13 |
| 34 | Triclosan induces apoptosis in Burkitt lymphoma-derived BJAB cells through caspase and JNK/MAPK pathways. Apoptosis: an International Journal on Programmed Cell Death, 2021, 26, 96-110. | 2.2 | 13 |
| 35 | MPK-1/ERK regulatory network controls the number of sperm by regulating timing of sperm-oocyte switch in C.Âelegans germline. Biochemical and Biophysical Research Communications, 2017, 491, 1077-1082. | 1.0 | 12 |
| 36 | Alternative splicing in the Caenorhabditis elegans DNA topoisomerase I gene. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1998, 1396, 207-214. | 2.4 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Caenorhabditis elegans dna-2 is involved in DNA repair and is essential for germ-line development. FEBS Letters, 2003, 555, 250-256. | 1.3 | 11 |
| 38 | Hypersensitivity to DNA doubleâ€strand breaks associated with PARG deficiency is suppressed by exoâ€1 and polqâ€1 mutations in CaenorhabditisÂelegans. FEBS Journal, 2020, 287, 1101-1115. | 2.2 | 10 |
| 39 | Flow Cytofluorometric Analysis of Molecular Mechanisms of Premature Red Blood Cell Death. Methods in Molecular Biology, 2021, 2326, 155-165. | 0.4 | 10 |
| 40 | A deubiquitinating enzyme, UCH/CeUBP130, has an essential role in the formation of a functional microtubule-organizing centre (MTOC) during early cleavage inC. elegans. Genes To Cells, 2001, 6, 899-911. | 0.5 | 9 |
| 41 | Caenorhabditis elegans DNA-2 helicase/endonuclease plays a vital role in maintaining genome stability, morphogenesis, and life span. Biochemical and Biophysical Research Communications, 2011, 407, 495-500. | 1.0 | 8 |
| 42 | Differential subcellular localization of DNA topoisomerase-1 isoforms and their roles during Caenorhabditis elegans development. Gene Expression Patterns, 2012, 12, 189-195. | 0.3 | 8 |
| 43 | A Phenotype-Based RNAi Screening for Ras-ERK/MAPK Signaling-Associated Stem Cell Regulators in C. elegans. Methods in Molecular Biology, 2017, 1622, 207-221. | 0.4 | 6 |
| 44 | Non-Ionic Surfactants Antagonize Toxicity of Potential Phenolic Endocrine-Disrupting Chemicals, Including Triclosan in. Molecules and Cells, 2018, 41, 1052-1060. | 1.0 | 6 |
| 45 | Dose-Dependent Effects of GLD-2 and GLD-1 on Germline Differentiation and Dedifferentiation in the Absence of PUF-8. Frontiers in Cell and Developmental Biology, 2020, 8, 5. | 1.8 | 5 |
| 46 | The soma-germline communication: implications for somatic and reproductive aging. BMB Reports, 2021, 54, 253-259. | 1.1 | 4 |
| 47 | A systematic mRNA control mechanism for germline stem cell homeostasis and cell fate specification. BMB Reports, 2016, 49, 93-98. | 1.1 | 4 |
| 48 | Transgene-mediated co-suppression of DNA topoisomerase-1 gene in Caenorhabditis elegans. International Journal of Biochemistry and Molecular Biology, 2014, 5, 11-20. | 0.1 | 4 |
| 49 | Nucleotide Excision Repair, XPA-1, and the Translesion Synthesis Complex, POLZ-1 and REV-1, Are Critical for Interstrand Cross-Link Repair in Caenorhabditis elegans Germ Cells. Biochemistry, 2020, 59, 3554-3561. | 1.2 | 3 |
| 50 | Genetic and Chemical Effects on Somatic and Germline Aging. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-2. | 1.9 | 2 |
| 51 | Editorial: Germline Development: From Germline Stem Cells to Gametes. Frontiers in Cell and Developmental Biology, 2020, 8, 650. | 1.8 | 1 |
| 52 | The teratogenic effect of Triclosan on embryogenesis is attenuated by Tween 20 in. MicroPublication Biology, 2020, 2020, . | 0.1 | 0 |