

Helene Z Hill

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

943
citations

567281

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454955

30
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41
all docs

41
docs citations

41
times ranked

890
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The function of melanin or six blind people examine an elephant. <i>BioEssays</i> , 1992, 14, 49-56. | 2.5 | 297 |
| 2 | Melanin: A Two Edged Sword?. <i>Pigment Cell & Melanoma Research</i> , 1997, 10, 158-161. | 3.6 | 96 |
| 3 | UVA, Pheomelanin and the Carcinogenesis of Melanoma. <i>Pigment Cell & Melanoma Research</i> , 2000, 13, 140-144. | 3.6 | 88 |
| 4 | Eumelanin Causes DNA Strand Breaks and Kills Cells. <i>Pigment Cell & Melanoma Research</i> , 1987, 1, 163-170. | 3.6 | 50 |
| 5 | Radiation and Melanoma: Response of B16 Mouse Tumor Cells and Clonal Lines to in Vitro Irradiation. <i>Radiation Research</i> , 1979, 80, 259. | 1.5 | 40 |
| 6 | Role of mitochondrial DNA damage and dysfunction in veterans with Gulf War Illness. <i>PLoS ONE</i> , 2017, 12, e0184832. | 2.5 | 38 |
| 7 | Melanin photosensitizes ultraviolet light (uv) dna damage in pigmented cells. <i>Environmental and Molecular Mutagenesis</i> , 1990, 16, 37-43. | 2.2 | 30 |
| 8 | Comparative Action Spectrum for Ultraviolet Light Killing of Mouse Melanocytes from Different Genetic Coat Color Backgrounds. <i>Photochemistry and Photobiology</i> , 1997, 65, 983-989. | 2.5 | 29 |
| 9 | Ability of Melanins to Protect Against the Radiolysis of Thymine and Thymidine. <i>Pigment Cell & Melanoma Research</i> , 1987, 1, 81-86. | 3.6 | 28 |
| 10 | Differential regulation of full-length genome and a single-stranded 7S DNA along the cell cycle in human mitochondria. <i>Nucleic Acids Research</i> , 2010, 38, 6466-6476. | 14.5 | 26 |
| 11 | Patterns of Persistent DNA Damage Associated with Sun Exposure and the Glutathione S-transferase M1 Genotype in Melanoma Patients. <i>Photochemistry and Photobiology</i> , 2009, 85, 379-386. | 2.5 | 23 |
| 12 | Evaluation of adenosine deaminase activity in patients with head and neck cancer. <i>Journal of Surgical Research</i> , 1986, 40, 368-373. | 1.6 | 19 |
| 13 | Does Melanin Affect the Low LET Radiation Response of Cloudman S91 Mouse Melanoma Cell Lines?. <i>Pigment Cell & Melanoma Research</i> , 1991, 4, 80-86. | 3.6 | 19 |
| 14 | Growth and pigmentation in genetically related Cloudman S91 melanoma cell lines treated with 3-isobutyl-1-methyl-xanthine and beta-melanocyte-stimulating hormone. <i>Experimental Dermatology</i> , 1995, 4, 192-198. | 2.9 | 17 |
| 15 | Detection of inborn errors of metabolism. <i>Clinical Genetics</i> , 1974, 6, 73-78. | 2.0 | 15 |
| 16 | Ultraviolet B, melanin and mitochondrial DNA: Photo-damage in human epidermal keratinocytes and melanocytes modulated by alpha-melanocyte-stimulating hormone. <i>F1000Research</i> , 2016, 5, 881. | 1.6 | 12 |
| 17 | A MULTITHERAPY RESISTANCE FACTOR FROM MELANOMA REVEALS THAT KILLING BY NEAR UV IS DIFFERENT FROM GENOTOXIC AGENTS. <i>Photochemistry and Photobiology</i> , 1995, 61, 479-483. | 2.5 | 10 |
| 18 | Detection of inborn errors of metabolism. <i>Clinical Genetics</i> , 1974, 6, 79-81. | 2.0 | 10 |

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|----|---|-----|-----------|
| 19 | Enzyme kinetics in mammalian cells. II. Simultaneous determination of rate constants for the first three steps of galactose metabolism in red cells. <i>Journal of Cellular Physiology</i> , 1970, 75, 49-56. | 4.1 | 8 |
| 20 | Patterns of albumin and general protein synthesis in rat liver as revealed by gel electrophoresis. <i>Nucleic Acids and Protein Synthesis</i> , 1972, 269, 477-484. | 1.7 | 8 |
| 21 | The gray opossum (<i>Monodelphis domestica</i>): A marsupial model for xenogeneic neoplasms. <i>Cancer Letters</i> , 1985, 27, 233-238. | 7.2 | 8 |
| 22 | The Photobiology of Melanin. <i>Photochemistry and Photobiology</i> , 1997, 65, 471-471. | 2.5 | 8 |
| 23 | Novel mitochondrial deletions in human epithelial cells irradiated with an FS20 ultraviolet light source in vitro. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 184, 340-346. | 3.9 | 8 |
| 24 | Veterans with Gulf War Illness exhibit distinct respiratory patterns during maximal cardiopulmonary exercise. <i>PLoS ONE</i> , 2019, 14, e0224833. | 2.5 | 8 |
| 25 | Transplantation, Growth, and Regression of Mouse Melanoma Xenografts in Neonatal Marsupials. <i>Cancer Investigation</i> , 1988, 6, 403-408. | 1.3 | 7 |
| 26 | Induction of DNA-Protein Crosslinks in Melanotic Cloudman S91 Mouse Melanoma Cells and EMT6 Mouse Mammary Carcinoma Cells by Monochromatic 254 and 405 nm Light. <i>Pigment Cell & Melanoma Research</i> , 1989, 2, 427-430. | 3.6 | 7 |
| 27 | Effects of sodium cyanate in mice bearing B16 melanoma. <i>Cancer Chemotherapy and Pharmacology</i> , 1986, 17, 231-5. | 2.3 | 6 |
| 28 | Enzyme kinetics in mammalian cells. III. Regulation of activities of galactokinase, galactose-1-phosphate uridyl transferase and uridine diphosphogalactose-4-epimerase in human erythrocytes. <i>Journal of Cellular Physiology</i> , 1971, 78, 419-430. | 4.1 | 5 |
| 29 | Plating efficiency of mouse embryo cells as a function of gestational age. <i>Experientia</i> , 1976, 32, 1054-1055. | 1.2 | 5 |
| 30 | An analysis of 2â€œday cardiopulmonary exercise testing to assess unexplained fatigue. <i>Physiological Reports</i> , 2020, 8, e14564. | 1.7 | 5 |
| 31 | Survival of Cloudman Mouse Melanoma Cells After Irradiation by Solar Wavelengths of Light. <i>Pigment Cell & Melanoma Research</i> , 1997, 10, 193-200. | 3.6 | 4 |
| 32 | Transfection of nonmelanocytic cells with tyrosinase gene constructs for survival studies. <i>Environmental and Molecular Mutagenesis</i> , 2001, 38, 216-222. | 2.2 | 3 |
| 33 | In vitro activation of cyclophosphamide for an in vitro chemosensitivity assay. <i>Journal of Surgical Oncology</i> , 1984, 26, 225-229. | 1.7 | 2 |
| 34 | Failure to Replicate: A Sign of Scientific Misconduct?. <i>Publications</i> , 2014, 2, 71-82. | 3.8 | 2 |
| 35 | Expression of galactose genes in mammalian cells. I. Galactose enzymes in Chinese hamster ovary cell hybrids. <i>Biochemical Genetics</i> , 1972, 7, 117-126. | 1.7 | 1 |
| 36 | Interference by Cellular Melanin With Assay of DNA-Protein Crosslinks by the Potassium Dodecyl Sulfate Precipitation Method. <i>Pigment Cell & Melanoma Research</i> , 1996, 9, 68-71. | 3.6 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Plating of indian muntjac cells in commercially available media. Tissue Culture Association Manual, 1978, 4, 831-832. | 0.3 | 0 |
| 38 | Use of the ⁹⁰ Sr applicator for intraoperative radiation therapy in a mouse tumor model. Journal of Surgical Oncology, 1987, 34, 264-267. | 1.7 | 0 |
| 39 | Salivary mtDNA copy number: index of aerobic efficiency? (705.6). FASEB Journal, 2014, 28, 705.6. | 0.5 | 0 |
| 40 | Statistical analysis of numerical preclinical radiobiological data. ScienceOpen Research, 2016, . | 0.6 | 0 |
| 41 | Photo-recall of sunburn induced by radiation therapy 50 years later. Journal of Medicine, 2002, 33, 115-8. | 0.1 | 0 |