

John Sutherland, Recent Publications (1997– present)

1. Sutherland, B.M., A.G. Georgakilas, P.V. Bennett, J. Laval, and J.C. Sutherland, Quantifying Clustered DNA Damage Induction and Repair by Gel Electrophoresis, Electronic Imaging and Number Average Length Analysis. Mutation Research, 2003. 531(1-2): p. 93-107.
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3. Praissman, J.L. and J.C. Sutherland, Laboratory Voice Data Entry System, in BioComputing: computer tools for Biologists, S.M. Brown, Editor. 2003, Eaton Publishing: Westborough, MA. p. 493-502.
4. Sutherland, B.M., P.V. Bennett, A.G. Georgakilas, and J.C. Sutherland, Evaluation of Number Average length Analysis in Quantifying Double Strand Breaks in Genomic DNAs. Biochemistry, 2003. 42(11): p. 3375-3384.
5. Sutherland, B.M., P.V. Bennett, J.C. Sutherland, and J. Laval, Clustered DNA damages induced by X-rays in human cells. Radiation Research, 2002. 157(6): p. 611-616.
6. Sutherland, B.M., N. Cintron-Torres, P.V. Bennett, M. Hada, H. Schenk, J.G. Trunk, D.C. Monteleone, J.C. Sutherland, J. Laval, M. Stanislaus, and A. Gewirtz Clustered DNA damages induced in human hematopoietic cells by low doses of ionizing radiation. Japanese Journal of Radiation Research, 2002. 43(SUL.): p. S149-S152.
7. Sutherland, B.M., H. Hacham, P. Bennett, J.C. Sutherland, M. Moran, and R.W. Gange, Repair of cyclobutyl pyrimidine dimers in human skin: variability among normal humans in nucleotide excision and in photorepair. Photodermatol Photoimmunol Photomed, 2002. 18(3): p. 109-116.
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9. Sutherland, J.C., Biological Effects of Polychromatic Light. Photochemistry and Photobiology, 2002. 76(2): p. 164-170.
10. Sutherland, J.C., X-ray Sources for Studies of Ultrafast Processes. Synchrotron Radiation News, 2002. 15(5): p. 12-13.
11. Bennett, P.V., M. Hada, J. Hidema, A.M. Lepre, L.C. Pope, F.E. Quaite, J.H. Sullivan, S. Takayanagi, J.C. Sutherland, and B.M. Sutherland, Isolation of High Molecular Length DNA: Alfalfa, Pea, Rice, Sorghum, Soybean and Spinach. Crop Science, 2001. 41(1): p. 167-172.
12. Sutherland, B.M., P.V. Bennett, M. Saparbaev, J.C. Sutherland, and J. Laval, Clustered DNA damages as dosimeters for exposure and biological responses. Radiation Protection Dosimetry, 2001. 97(1): p. 33-38.
13. Sutherland, B.M., P.V. Bennett, H. Schenk, O. Sidorkina, J. Laval, J. Trunk, D. Monteleone, and J.C. Sutherland, Clustered DNA damages induced by high and low LET radiation, including heavy ions. Physica Medica, 2001. 17S1(March): p. 204-206.

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18. Oakberg, T.C., J. Trunk, and J.C. Sutherland, Calibration of photoelastic modulators in the vacuum UV. *Proceedings of the Society for Photo-Optical Instrumentation Engineers*, 2000. 4133: p. 101-111.
19. Sutherland, J.C., Can Free Electron Lasers Answer Critical Questions in Ultraviolet Photobiology? *Proceedings of the Society of Photo-Instrumentation Engineers*, 2000. 3925: p. 50-59.
20. Praissman, J.L. and J.C. Sutherland, Laboratory Voice Data Entry System. *BioTechniques*, 1999. 27(6): p. 1202-1208.
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