

RARAF Publications

This list does not include papers given at scientific meetings unless published in proceedings.

1. Amundson, S.A., Do, K.T., Vinikoor, L., Koch-Paiz, C.A., Bittner, M.L., Trent, J.M., Meltzer, P. and Fornace, A.J. Jr. Stress-specific signatures: Expression profiling of p53 wild-type and null human cells. *Oncogene* **24**: 4572-4579 (2005).
2. Amundson, S.A., Lee, R.A., Koch-Paiz, C.A., Bittner, M.L., Meltzer, P., Trent, J.M. and Fornace, Jr, A.J. Differential responses of stress genes to low dose-rate α -irradiation. *Molecular Cancer Res.* **1**: 445-452 (2003).
3. Apfel, R.E. Characterization of new passive superheated drop (bubble) dosimeters. In *Proceedings of the Seventh Symposium on Neutron Dosimetry* (R. Jahr, *et al.*, Eds.), Radiat. Prot. Dosim. **44**: 343-346, Nuclear Technology Publishing, Kent, England, 1992.
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5. Apfel, R. and Lo, Y.C. Practical neutron dosimetry with superheated drops. *Health Phys.* **56**: 79-83 (1989).
6. Aprile, E., Baudis, L., Choi, B., Giboni, K.L., Lim, K., Manalaysay, A., Monzani, M.E., Plante, G., Santorelli, R. and Yamashita, M. New measurement of the relative scintillation efficiency of xenon nuclear recoils below 10 keV. *Phys. Rev. C* **79**: 045807 (2009).
7. Aprile, E., Giboni, K.L., Majewski, P., Ni, K., Yamashita, M., Hasty, R., Manzur, A., and McKinsey, D.N. Scintillation Response of Liquid Xenon to Low Energy Nuclear Recoils. *Phys. Rev. D* **72**: 072006 (2005).
8. Azzam, E.I., de Toledo, S.M., Harris, A.L., Ivanov, V., Zhou, H., Amundson, S.A., Lieberman, H.B. and Hei, T.K. The ionizing radiation-induced bystander effect: Evidence, mechanism, and significance. *Pathobiology of Cancer Regimen-Related Toxicities*, Sonis, S.T., and Keefe, D.M., eds., pp.35-61. Springer, New York, NY, 2013. (Book chapter).
9. Azziz, N., Ranogajec-Komor, M., Marino, S.A., Klemic, G.A. and Osvay, M. Fast neutron detection using aluminum oxide TLDs. In *Proc. of the IRPA Regional Symposium on Radiation Protection in Neighboring Countries of Central Europe* (J. Sabol, Ed.) pp. 495-497, Prague, Czech Republic, 1997.
10. Bailey, S.M. Michael Fry Research Award lecture: Telomeres and Double-strand Breaks – All's Well That Ends Well. *Radiat. Res.* **169**: 1-7 (2008).
11. Bailey, S.M. and Cornforth, M.N. Telomeres and DSBs – ever the twain shall meet? *Cell. Mol. Life Sci.* **64**: 2956-2964 (2007).
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14. Balajee, A.S., Ponnaiya, B., Baskar, R. and Geard, C.R. Induction of replication protein A in bystander cells. *Radiat. Res.* **162**: 677-686 (2004)
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