

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** (1-4), 343-346, Nuclear Technology Publishing, Kent, England, 1992.
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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).
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9. 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).
10. Bailey, S.M. and Cornforth, M.N. Telomeres and DNA double-strand breaks: ever the twain shall meet? *Cell Mol Life Sci.* **64**: 2956-2964 (2007).
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12. Balajee, A.S., Geard, C.R. Replication protein A and gamma-H2AX foci assembly is triggered by cellular response to DNA double-strand breaks. *Exp Cell Res.* **300**: 320-334 (2004).
13. 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)

14. Bashkirov V., Schulte R., Breskin A., Chechik R., Shchemelinin S., Garty G., Wroe A., Sadrozinski H. and Grosswondt B. Ion-counting Nanodosimeter with Particle Tracking Capabilities. *Radiation protection Dosimetry* **122**(1-4): 415-419 (2006).
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20. Bigelow, A., Garty, G., Funayama, T., Randers-Pehrson, G., Brenner, D.J. and Geard, C.R. Expanding the question-answering potential of single-cell microbeams at RARAF, USA. *J Radiat Res* **50**: Suppl., A21-A28, (2009).
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26. Bigelow, A.W., Randers-Pehrson, G., Michel, K.A. Brenner D.J., and Dymnikov, A.D. Sample targeting during single-particle single-cell irradiation. *AIP Conference Proceedings for the Seventeenth International Conference on the Application of Accelerators in Research and Industry (CAARI)*, Denton, Texas, November 12-16, 2002. *AIP Conference Proceedings* **680**: 347-350 (2003).
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