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Selected Scholarly Contributions [Data Provided by **SCOPUS**]

Radiosensitivity profiles from a panel of ovarian cancer cell lines exhibiting genetic alterations in p53 and disparate DNA-dependent protein kinase activities

*Oncology Reports*, 23 (4), pp. 1021-1026, 2010.

Time-resolved single-step protease activity quantification using nanoplasmonic resonator sensors

*ACS Nano*, 4 (2), pp. 978-984, 2010.

Picomolar sensitivity MRI and photoacoustic imaging of cobalt nanoparticles

*Proceedings of the National Academy of Sciences of the United States of America*, 106 (11), pp. 4085-4089, 2009.

Facile functionalization of multilayer fullerenes (carbon nano-onions) by nitrene chemistry and "Grafting from" strategy

*Chemistry - A European Journal*, 15 (6), pp. 1389-1396, 2009.

Quantitative and label-free technique for measuring protease activity and inhibition using a microfluidic cantilever array

*Nano Letters*, 8 (9), pp. 2968-2974, 2008.

Targeted tumor cell internalization and imaging of multifunctional quantum dot-conjugated immunoliposomes in vitro and in vivo

*Nano Letters*, 8 (9), pp. 2851-2857, 2008.

A human breast cell model of preinvasive to invasive transition

*Cancer Research*, 68 (5), pp. 1378-1387, 2008.

Paramagnetic silica-coated nanocrystals as an advanced MRI contrast agent

*Journal of Physical Chemistry C*, 111 (34), pp. 12542-12551, 2007.

Optimizing quantum dot-conjugated immunoliposomes for cancer diagnostics and targeted therapeutics

2007 NSTI Nanotechnology Conference and Trade Show - NSTI Nanotech 2007, *Technical Proceedings*, 2, pp. 776-779, 2007.

Nanobarcodes gene expression monitoring system for potential miniaturized space applications

*Advances in Space Research*, 40 (4), pp. 513-522, 2007.

Peptide-nanoparticle hybrid SERS probes for optical detection of protease activity

*Journal of Nanoscience and Nanotechnology*, 7 (7), pp. 2323-2330, 2007.

Charge-associated effects of fullerene derivatives on microbial structural integrity and central metabolism

*Nano Letters*, 7 (3), pp. 754-760, 2007.