

Institut für Strahlenschutz

AG Risikoanalyse (ISAR)

Publikationen aus der Arbeitsgruppe im Jahr 2008:

BEITRÄGE IN INTERNATIONALEN FACHZEITSCHRIFTEN

Alloni, D.*, Friedland, W. et al. (31 Coauthors): **Charged particle effects : Experimental and theoretical studies on the mechanisms underlying the induction of molecular and cellular damage and the modulation of intracellular signalling.** Nuovo Cimento C 31 (N.1), 21-38 (2008)

Andersson, K.G.*, Brown, J.*, Mortimer, K.*, Jones, J.A.*, Charnock, T.*, Thykier-Nielsen, S.*, Kaiser, J.C., Pröhl, G., Nielsen, S.P.*: **New developments to support decision-making in contaminated inhabited areas following incidents involving a release of radioactivity to the environment.** J. Environ. Radioact. 99 (3), 439-454 (2008)

Brown, J.E.*, Alfonso, B.*, Avila, R.*, Beresford, N.A.*, Coplestone, D.*, Pröhl, G., Ulanovsky, A.: **The ERICA Tool.** J. Environ. Radioact. 99 (9), 1371-1383 (2008)

Degteva, M.O.*, Bougrov, N.G.*, Vorobiova, M.I., Jacob, P., Göksu, H.Y.: **Evaluation of anthropogenic dose distribution amongst building walls at the Metlino area of the upper Techa River region.** Radiat. Environ. Biophys. 47 (4), 469-479 (2008)

Dingfelder, M.*, Ritchie, R.H.*, Turner, J.E.*, Friedland, W., Paretzke, H.G., Hamm, R.N.*: **Comparisons of calculations with PARTRAC and NOREC : Transport of electrons in liquid water.** Radiat. Res. 169 (5), 584-594 (2008)

Eidemüller, M., Ostroumova, E.*, Krestinina, L.*, Akleyev, A.*, Jacob, P.: **Analysis of solid cancer mortality in the Techa River cohort using the two-step clonal expansion model.** Radiat. Res. 169 (2), 138-148 (2008)

Friedland, W., Paretzke, H.G., Ballarini, F.*, Ottolenghi, A.*, Kreth, G.*, Cremer, C.*: **First steps towards systems radiation biology studies concerned with DNA and chromosome structure within living cells.** Radiat. Environ. Biophys. 47 (1), 49-61 (2008)

Gómez-Ros, J.M.*, Pröhl, G., Ulanovsky, A., Lis, M.*: **Uncertainties of internal dose assessment for animals and plants due to non-homogeneously distributed radionuclides.** J. Environ. Radioact. 99 (9), 1449-1455 (2008)

Güttler, A., Wieser, A.: **EPR-dosimetry with tooth enamel for low doses.** Radiat. Meas. 43 (2-6), 819-822 (2008)

Jacob, P., Walsh, L., Eidemüller, M.: **Modelling of cell inactivation and carcinogenesis in the atomic bomb survivors with applications to the mortality from all solid, stomach and liver cancer.** Radiat. Environ. Biophys. 47 (3), 375-388 (2008)

Jacob, P.: **Promoting action of radiation in the atomic bomb survivor cancer incidence data.** Radiat.Res. 169, 602-604 (2008)

Thiessen, K.M.* , Kaiser, J.C. et al. (16 Coauthors): **Improvement of modelling capabilities for assessing urban contamination : the EMRAS Urban Remediation Working Group.** Appl. Radiat. Isot.66 (11), 1741-1744 (2008)

Ulanovsky, A., Pröhl, G., Gómez-Ros, J.M.*: **Methods for calculating dose conversion coefficients for terrestrial and aquatic biota.** J. Environ. Radioact. 99 (9), 1440-1448 (2008)

Ulanovsky, A., Pröhl, G.: **Tables of dose conversion coefficients for estimating internal and external radiation exposures to terrestrial and aquatic biota.** Radiat. Environ. Biophys. 47 (2), 195-203 (2008)

Veronese, I.* , Göksu, H.Y., Schwenk, P.* , Herzig, F.*: **Thermoluminescence dating of a mikveh in Ichenhausen, Germany.** J. Environ. Radioact. 99 (4), 621-630 (2008)

Wieser, A., Fattibene, P.* , Shiskina, E.A.* , Ivanov, D.V.* , de Coste, V.* , Güttler, A., Onori, S.*: **Assessment of performance parameters for EPR dosimetry with tooth enamel.** Radiat. Meas. 43 (2-6), 731-736 (2008)

Woda, C., Fuchs, M.*: **On the applicability of the leading edge method to obtain equivalent doses in OSL dating and dosimetry.** Radiat. Meas. 43 (1), 26-37 (2008)

*externe Autoren