

2012

- C. Aulagnier, S. Le Dizès, M.A. Gonze, D. Maro, D. Hébert, R. Lardy. 2012. Modelling chronic and accidental releases of carbon-14 to the environment: A case study in a grass field near AREVA-NC La Hague. *Journal of Environmental Radioactivity*, 112: 52-59.
<http://www.sciencedirect.com/science/article/pii/S0265931X12000811>
- Commeau N., Cornu M., Albert I., Denis J-B and Parent E. 2012. Hierarchical Bayesian Models to Assess Between- and Within-Batch Variability of Pathogen Contamination in Food. *Risk Analysis*, 32(3): 395-415.
<http://onlinelibrary.wiley.com/doi/10.1111/j.1539-6924.2011.01699.x/abstract>
- Commeau, N., Parent, E., Delignette-Muller, M.-L., Cornu, M. 2012. Fitting a lognormal distribution to enumeration and absence/presence data. *International Journal of Food Microbiology* 155(3): 146-152.
<http://www.sciencedirect.com/science/article/pii/S0168160512000566>
- Hinton T.G., Garnier-Laplace J., Vandenhove H., Dowdall M., Adam-Guillermin C., Beaugelin-Seiller K., Beresford N.A., Bradshaw C., Brown J., Eyrolle F., Fevrier L., Gariel J.-C., Gilbin R., Hertel-Aas T., Horemans N., Howard B.J., Ikäheimonen T., Mora J.C., Oughton D., Real A., Salbu B., Simon-Cornu M., Steiner M., Sweeck L., Vives i Batlle, J. 2013. An invitation to contribute to a strategic research agenda in radioecology. *Journal of Environmental Radioactivity* 115: 73-82.
<http://www.sciencedirect.com/science/article/pii/S0265931X12001920>
- E. Lance, F. Alonzo, L. Garcia-Sanchez, K. Beaugelin-Seiller, J. Garnier-Laplace. 2012. Modelling chronic effects of ionizing radiation at the population level in non-human species. *Science of the Total Environment* 429 : 206-214.
<http://www.sciencedirect.com/science/article/pii/S0048969712004822>
- S. Le Dizès, D. Maro, D. Hébert, M.A. Gonze, C. Aulagnier. 2012. TOCATA: a dynamic transfer model of ¹⁴C from the atmosphere to soil-plant systems. *Journal of Environmental Radioactivity* 105(1): 48-59.
<http://www.sciencedirect.com/science/article/pii/S0265931X11002499>
- G. Poumeyrol, E. Morelli, V. Noel, M. Cornu. 2012. Impact of the method chosen for measuring temperatures on the efficacy of rapid cooling of foods in catering facilities. *Food Control* 23(2): 345-350.
<http://www.sciencedirect.com/science/article/pii/S095671351100301X>

2013

- Aulagnier C., Le Dizès S., Maro D., Hébert D., Lardy R., Martin R. 2013. The TOCATA-khi model assessing ¹⁴C transfer to grass: an evaluation for atmospheric operational releases from nuclear facilities. *Journal of Environmental Radioactivity* 120: 81-93.
<http://www.sciencedirect.com/science/article/pii/S0265931X11002499>
- Champion D., Korsakissok I., Didier D., Mathieu A., Quelo D., Groell J., Quentric E., Tombette M., Benoit J-P., Saunier O., Parache V., Simon-Cornu M., Gonze M-A., Renaud P., Cessac B., Navarro E., Servant-Perrier A-C. 2013. The IRSN's earliest assessments of the Fukushima accident's consequences for the terrestrial environment in Japan. *Radioprotection* 48(1): 11-37.
<http://www.radioprotection.org/action/displayAbstract?fromPage=online&aid=8852049&fulltextType=RA&fileId=S003384511200052X>
- Fisher N., Beaugelin-Seiller K., Hinton T., Baumann Z., Madigan D., Garnier-Laplace J. 2013. Evaluation of radiation doses and associated risk from the Fukushima nuclear accident to marine biota and human consumers of seafood. *Proceedings of the National Academy of Sciences* 110(26): 10670-5.
<http://www.pnas.org/content/early/2013/05/30/1221834110>
- Garnier-Laplace J., Geras'kin S., Della-Vedova C., Beaugelin-Seiller K., Hinton T.G., Real A., Oudalova A. 2013. Are radiosensitivity data derived from natural field conditions consistent with data from controlled exposures? A case study of Chernobyl wildlife chronically exposed to low dose rates. *Journal of Environmental Radioactivity* 121: 12-21.
<http://www.sciencedirect.com/science/article/pii/S0265931X12000240>

- Hinton T.G., Garnier-Laplace J., Vandenhove H., Dowdall M., Adam-Guillermin C., Beaugelin-Seiller K., Beresford N.A., Bradshaw C., Brown J., Eyrolle F., Fevrier L., Gariel J.-C., Gilbin R., Hertel-Aas T., Horemans N., Howard B.J., Ikäheimonen T., Mora J.C., Oughton D., Real A., Salbu B., Simon-Cornu M., Steiner M., Sweeck L., Vives i Batlle, J. 2013. An invitation to contribute to a strategic research agenda in radioecology. *Journal of Environmental Radioactivity* 115: 73-82.
<http://www.sciencedirect.com/science/article/pii/S0265931X12001920>
- Le Dizès S., Aulagnier C., Henner P., Simon-Cornu M. 2013. TOCATA: a dynamic transfer model of 3H from the atmosphere to soil–plant systems. *Journal of Environmental Radioactivity*, 124: 191-204.
<http://www.sciencedirect.com/science/article/pii/S0265931X13001045>
- Renaud P., Simon-Cornu M., Gonze M.-A., Murlon C., Parache V., Korsakissok I., Navarro E., Cessac B., Rannou A., Champion D. 2013. Contamination of Japanese foodstuffs of terrestrial origin after the Fukushima nuclear accident and related dose assessments. Part 1: foodstuff contamination. *Radioprotection* 48(4): 493-509.
<http://www.radioprotection.org/action/displayAbstract?fromPage=online&aid=9111983&fulltextType=RA&fileId=S0033845113000811>