

Publications

Revue à comité de lecture

- [A115] Krah, N., Arbor, N., Baudier, T., Bert, J., Chatzipapas, K., Favaretto, M., Fuchs, H., Grevillot, L., Harb, H., Van Hoey, G., Jacquet, M., Jan, S., Jia, Y., Kagadis, G. C., Kang, H. G., Klever, P., Kochebina, O., Krzemien, W., Maigne, L., Mohr, P., Mummaneni, G., Paneta, V., Papadimitroulas, P., Pereda, A., Rannou, A., Resch, A. F., Roncali, E., Toussaint, M., Trigila, C., Tsoumpas, C., Zhang, J., Ziemons, K., **Sarrut, D.**, “GATE 10 Monte Carlo Particle Transport Simulation: II. Architecture and Innovations”. In: *Physics in Medicine & Biology* 71.1 (Jan. 2026), p. 015043.
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- [A110] Mummaneni, G., Trigila, C., Krah, N., **Sarrut, D.**, Roncali, E., “optiGAN: A Deep Learning-Based Alternative to Optical Photon Tracking in Python-based GATE (10+)”. In: *Physics in Medicine & Biology* 70.13 (July 2025), p. 135009.
- [A109] Kaprélian, T., Etchebeste, A., **Sarrut, D.**, “Partial Volume Correction of SPECT Images With Deep Learning Trained on Synthetic Data”. In: *IEEE Transactions on Radiation and Plasma Medical Sciences* (2025), pp. 1–1.
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