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世良 耕一郎	高エネルギー医学研究部門	教授	理学博士	原子衝突物理学、 加速器科学	<p>①Sera, K., Ishii, K., Kamiya, M., Kuwako, A. and Morita, S. : K-shell Ionizations of Al and Cu by 0.5–40 MeV-proton Bombardment. / Physical Review A21, 1412–1418 (1980)</p> <p>②Sera, K., Ishii, K., Yamadera, A., Sebata, M., Morita, S., Kamiya, K., Kuwako, A. and Chu, T.C. : L- and M-shell Ionization Cross Sections for 3–40 MeV-proton Bombardments. / Physical Review A22, 2536–2549 (1980)</p> <p>③Sera, K., Futatsugawa, S., Matsuda, K. and Miura, Y. : Standard-free Method of Quantitative Analysis for Bio-samples. / Intl' J. PIXE, 6–3,4, 467–481 (1996)</p> <p>④ Sera, K., Futatsugawa, S. and Matsuda, K. : Quantitative Analysis of Untreated Bio-samples. / Nucl. Instr. Meth. B150, 226–233 (1999)</p> <p>⑤ Sera, K., Futatsugawa, S. and S. Murao : Quantitative Analysis of Untreated Hair Samples for Monitoring Human Exposure to Heavy Metals. / Nucl. Instr. Meth. B1859, 174–179 (2002)</p>
寺崎 一典	高エネルギー医学研究部門	講師	医学博士	核薬学、放射線薬 品学	<p>①Iwata R, Pascali C, Bogni A, Flumoto S, Terasaki K, Yanai K: [¹⁸F]Fluoromethyl triflate: a novel and reactive [¹⁸F]fluoromethylating agent: preparation and application to the on-column preparation of [¹⁸F]fluorocholine. Appl Radiat Isot. 57: 347–352 (2002)</p> <p>②Terasaki K, Shozushima M, Iwata R. A simple preparation of [¹¹C]choline using a Sep-Pak methylation method: automation and adaptation to routine production for clinical positron emission tomography (PET). J Iwate Med Assoc. 56(1): 31–42 (2004)</p> <p>③Ishigaki D, Ogasawara K, Yoshioka Y, Chida K, Sasaki M, Fujiwara S, Aso K, Kobayashi M, Yoshida K, Terasaki K, Inoue T, Ogawa A: Brain temperature measured using proton MR spectroscopy detects cerebral hemodynamic impairment in patients with unilateral chronic major cerebral artery steno-occlusive disease: comparison with positron emission tomography. Stroke. 40(9): 3012–3016 (2009)</p> <p>④文部科学省科学研究費補助金「課題名：PET製剤のための製造工程管理」2010年</p> <p>⑤文部科学省科学研究費補助金「課題名：PET薬剤製造における酸素18-濃縮水の品質管理法の開発」2008年</p>