

CONTENTS

- Proposal of Efficient Irradiation System of Small Type OSL Dosimeter for Photon Beams between 100 - 2000 keV** 1
H. Okino, H. Hayashi, K. Takegami, N. Kimoto, I. Maehata, Y. Kanazawa, T. Okazaki, T. Hashizume and I. Kobayashi
- Use of Scattered X-Rays for the Estimation of the Attenuation Coefficient** 11
T. Nakagami, N. Toda, Y. Yamazaki, H. Yoshioka, and S. Koyama
- A Monte Carlo Simulation based on Measured Tube Current Modulation Data in X-Ray Computed Tomography** 17
M. Inoue, S. Koyama, T. Haba, T. Shibahara
- Relationship between the Tube Voltage Dependence of Cross-sectional Absorbed Profile and Exposed Dose of Superficial Radiosensitive Organs** 25
T. Shibahara, S. Koyama, M. Inoue, T. Haba
- Study of Monte Carlo Dose Calculation System Aimed to Clinical Application** 33
Y. Ishizawa, S. Dobashi, K. Sato, N. Kadoya, K. Ito, M. Chiba, K. Kishi and K. Takeda
- Monte Carlo Simulation of the Absorbed Dose of Air and Air-kerma Strength by ^{192}Ir Source** 38
S. Tsuji, N. Narihira, and M. Oita
- Benchmark Analysis of Absorbed Dose Rate for $^{90}\text{Sr}/^{90}\text{Y}$ Beta Radiation** 44
S. Iwai, and E. Nobuhara
- Evaluation of CS-137 Oriented Internal Radiation Dose in Apodemus which Captured in Difficult-to-return Zone Around Fukushima Daiichi Nuclear Power Station** 49
D. Endoh, H. Hirayama, H. Ishiniwa, T. Okano, and M. Onuma