

Yewon Kim - Development of Radioisotope Identification algorithm for a Radiation Detection Portal Monitor	P44
Mohammad Abu Mhareb - Dosimetric characteristics of Lithium Borate glass doped dysprosium oxide as a solid TL detector	P18
Abdulaziz Alanazi - Novel Dosimetric Study of SP2 to SP3 Irradiation hybridisation Ratio in Free –Standing CNTs	P20
Shirlane Almeida - COMPARATIVE STUDY OF THE TL RESPONSE OF LiF:Mg,Ti AND CaSO <sub>4</sub> :Dy IN THE CLINICAL ELECTRON BEAMS DOSIMETRY APPLIED TO TOTAL SKIN IRRADIATION – TSI TREATMENTS	P8
Patrícia Antonio - Characterization of Lithium Diborate, Sodium Diborate and Commercial Glass Exposed to Gamma Radiation via Linearity Analyses	P22
Patrícia Antonio - Evaluation of the thermally and optically stimulated response of as Italian Silicate irradiated in 60Co beams	P46
Linda Caldas - Estimative of conversion coefficients for absorbed and effective doses in pediatric CT examinations in two different PET/CT scanners	P2
Teogenes Da Silva - RELIABILITY OF AN X-RAY SYSTEM FOR CALIBRATING AND TESTING PERSONAL RADIATION DOSIMETERS	P16
Marco Aurelio De Sousa Lacerda - Neutron spectra from Neutron Standards Laboratory (LPN/CIEMAT) sources with two Bonner sphere spectrometers	P48
Marco Aurelio De Sousa Lacerda - Study of the influence of atmospheric air climatic parameters on the air kerma measurements in low energy X reference radiation fields	P24
Felícia Del Gallo Rocha - Performance of TL and OSL Techniques Using CaSO <sub>4</sub> and Al <sub>2</sub> O <sub>3</sub> Dosimeters for Mean Glandular Dose (MGD) and Entrance Surface Skin Dose (ESD) Determination in a Digital Mammographic Unit as Alternative Dosimeters	P26
Ladyjane Fontes - Application of a Tandem System for HVL evaluation in Computed Tomography	P4
HsiaoJu Fu - Using 6MV photon to evaluate the effect of surface dose under different thickness of bolus with different gaps	P28
Hyoungtaek Kim - Dose re-evaluation in personal dosimetry by using PTTL method of LiF:Mg,Cu,Si TLD	P30
Lilian Kuahara - Influence of the vials radioactive residue in Nuclear Medicine procedure applied to a new “in situ” activimeter calibration methodology	P50
Lu-Han Lai - Establishment of Conversion Coefficient of Whole Body Effective Dose by Human Tissue of Electron Paramagnetic Resonance (EPR)	P6
Andréa Novais - Photoluminescence and optically stimulated luminescence of PbO–H <sub>3</sub> BO <sub>3</sub> and PbO–H <sub>3</sub> BO <sub>3</sub> –Al <sub>2</sub> O <sub>3</sub> glasses	P32
John Peter Oyardo Manrique - Reconstruction of X-rays spectra of clinical linear accelerators from transmission data with generalized simulated annealing	P52
Caio Valeriano - Equivalence between Solid Water and printed PLA plates for 6 MV clinical photon beam - An assessment using thermoluminescent dosimetry	P34
Daniel Villani - COMPARISON BETWEEN AAA AND ACUROS XB CALCULATION ALGORITHMS FOR VMAT TREATMENT PLANNING OF BRAIN MULTIPLE METASTASES USING OSL DOSIMETRY	P54
Alessandra Machado - The influence of soil cover on pore distribution and connectivity density in a Ferralssol evaluated by 3D computerized microtomography	P56

Davi Oliveira - CHARACTERIZATION OF METEORITES WITH RELEVANCE TO ASTROBIOLOGY USING NON-DESTRUCTIVE X-RAY TECHNIQUES	P58
Sy Minh Tuan Hoang - INVESTIGATION OF MULTI- AND SINGLE-SCATTERING PEAKS BASED ON MONTE CARLO CODES WITH EXPERIMENTAL VALIDATION	P36
Miguel Jurado Vargas - ALPHACAL: A new user-friendly tool for the calibration of alpha-particle sources	P60
Jiatong Li - The optimization of coal on-line analysis system based on SNR through Monte Carlo simulation	P38
Sergio Morató - Evaluation of the Response of a Bonner Sphere Spectrometer with a 6LiI detector using 3D meshed MCNP6.1.1 models.	P40
Sergio Morató Rafet - Dose Calculation in Computerized Tomography	P10
Luciana Tourinho Campos - QUALITY CONTROL OF RADIOTHERAPY TREATMENT PLANS WITH ELECTRONS BEAMS	P12
Yan Zhang - Using the Monte Carlo Library Least Squares (MCLLS) Approach for the PGNA Measurement of Chromium in Aqueous Solution	P42
Linda Caldas - Improvement of Sievert Integration Model in Brachytherapy via Inverse Problems and Artificial Neural Networks	P14
Tatiane Sales - Determination of Si content in Fe-doped HfSiO <sub>4</sub> nanoparticles by neutron activation analysis	P62
Isadora Bastos - Structural characterization of a novel anti-inflammatory parent compound	P64
Aaron Hellinger - Test enclosure design, construction, and tests for the CNEC well-logging benchmark tool	P66
Milan Stefanik - Activation Analysis of Tibetan Coins and Thermal Neutron Flux Measurement at the VR-1 Training Reactor	P68
Kyung Taek Lim - Study on Performance of SiPM with Electric-field Variation in Radiation Detection Applications	P72
Ilker Meric - On the Regularization and Estimation of Missing Libraries in the Monte Carlo Library Least-Squares (MCLLS) Technique for Inverse Radiation Analyzers Using a Barycentric Geometrization Approach	P74