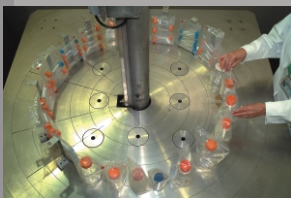
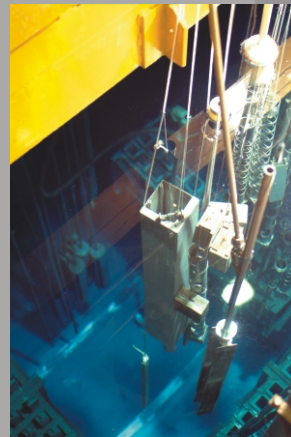
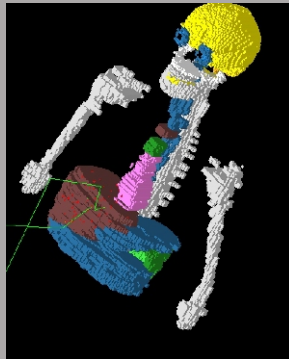


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Technical Production

Patents Pending

COMISSÃO NACIONAL DE ENERGIA NUCLEAR. Denise Alves Fungaro. **Magnetic composite of zeolite coal ashes as adsorbent material for removal dyes in effluents.** BR n. PI 0801184-2, 4, april 2008.

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PERINI, RINALDO *The use of X-ray diffraction to determine the residual stress induced by the cold rolling process in a cylinder liner of a diesel engine.*

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TETZNER, GUARACIABA de C. *He industrial computerized tomography applied on the rock analysis.*

TOFFOLI, DANIEL J. *Spectroscopic characterization of hypocrellin B: lanthanide complexes for use in photodynamic therapy.*

VALGODE, FLAVIA G.S. *Evaluation of the radioinduced damage, repair capacity and cell death on human tumorigenic (T-47D and MCF-7) and nontumorigenic (MCF-10) cell lines of breast.*

VALLEJO, NATÁLIA M. *Obtaining high serum levels of murine endostatin in mice using recombinant chinese hamster ovary cells secreting endostatin transplanted in immunisolation devices.*

VANNI, SILVIA R. *Economic viability of alternative energy sources for a typical community of the northeast region of Brazil.*

VIEIRA, HEVELINE. *Study of the surface crystallization and resistance to dissolution of niobium phosphate glasses for nuclear waste.*

VILLAVERDE, FREDDY L. *External exposure assessment in dwelling built with phosphogypsum.*

ZEN, HELOÍSA A. *Polypropylene (PP) based proton exchange membrane for use in fuel cell.*

ZERLIM, ANELISA *Evaluation of the dissolution rate of niobium phosphate glasses in water and simulated body fluid solution.*

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ABEL, JOAO L. *Synthesis of silicon carbide by carbothermal reduction of silica.*

AGUIAR, RODRIGO O. de *Determination of elements in blood of golden hamster by NAA.*

ALBERO, FELIPE G. *Thyroid lesions diagnosis by Fourier transformed infrared absorption spectroscopy (FTIR).*

ALCANTARA, MARCELA C. *Evaluation of the image quality criteria and study of doses in a mammography department.*

ALEGRE, GABRIEL F. *Ecotoxicological assessment of sediments from Tiete River between Salesopolis and Suzano, SP.*

ALMEIDA, BEATRIZ E. de *Analysis of recombinant and native human lutropin and human chorionic gonadotropin by reversed-phase high performance liquid chromatography.*

ALMEIDA, ERIKA V. de *Development and validation of methodology for technetium-99m radiopharmaceuticals using high performance liquid chromatography (HPLC).*

ALMEIDA, TIAGO L. de *Development of a PVAl/chitosan composite membrane compatible with the dermo-epidermic system.*

AMARAL, RENATA H. *Immobilization and release study of a red alga extract in hydrogel membranes.*

ANTONIO, PATRICIA de L. *Comparative study among calibration methods of clinical applicators of beta radiation.*

BALDUINO, KELI N. *Refolding in high hydrostatic pressure of recombinant proteins from inclusion bodies in Escherichia Coli.*

BARBOZA, ALEX *Radioactive waste management of the nuclear medicine services.*

BARROS, GUSTAVO A.S.J. *Project of an integrated calibration laboratory of instruments at IPEN.*

BEOLCHI, RAFAEL da S. *Bone regeneration effect after the addition of a vitamin complex in two bioceramics.*

BOMFIM JUNIOR, FRANCISCO A. *Production and characterization of rare-earth and metallic nanoparticle doped heavy metal oxide glasses.*

BRAMBILLA, TANIA de P. *Development of methods of labeling pentavalent DMSA with ^{99m}Tc and ¹⁸⁸Re.*

BRITO, CARLOS F. de *Development and validation of analytical methodology for determination of polycyclic aromatic hydrocarbons (PAHS) in sediments. Assessment of Pedroso Park dam, Santo Andre, SP.*

CALICCHIO, LEONARDO *The effect of shot peening on the gas nitriding of iron components produced by powder metallurgy.*

CALVO, FERNANDA B. *Construction and characterization in vitro of a bicistronic retroviral vector coding endostatin and interleukin-2 for use in gene therapy.*

CAPRONI, PRISCILA *Effects of irradiated Bothropstoxin-1 and Bothrops jararacussu crude venom on the immune system.*

Scientific Production

Dissertations

CARDOSO, ELISABETH C.L. *Development of foams from linear polypropylene (PP) and high melt strength polypropylene (HMSPP) polymeric blends.*

CARUSO, MARCEL W. *Analysis of the irradiation and thermal treatment combined effect in the quality of mangoes for exportation.*

CAVINATO, CHRISTIANNE C. *Standardization of the fricke gel dosimetry method and tridimensional dose evaluation using the magnetic resonance imaging technique.*

CONCEICAO JUNIOR, OSMAR *Application of the failure modes and effects analysis technique to the emergency cooling system of an experimental nuclear power plant.*

CORDEIRO, THIAGO da S. *Study of Laser pulses propagation through an ultrashort pulse amplifying systems for the development of an Öffner temporal stretcher.*

COSTA, OSVALDO L. da *Load and unload system optimization on H₂¹⁸O irradiation target used for ¹⁸F - production at the cyclotron cyclone 30 from IPEN-CNEN/SP.*

COUTO, RENATA M. *Development of radiopharmaceutical for radiosinovectomy.*

CURCHO, MICHEL R. da S.M. *Assessment of micro, macro, toxic elements (Cd, Hg, Pb) and fatty acids profile in consumed fish commercially available in Cananéia and Cubatão, São Paulo State.*

DAMIANI, RENATA *Stable expression of human thyrotropin (hTSH) in mammalian cells (CHO) expressing 2,6 sialyltransferase.*

DIAS, RICARDO R. *Preparation of PtSn/C, PtRu/C, PtRh/C, PtRuRh/C and PtSnRh/C electrocatalysts using an alcohol-reduction process for methanol and ethanol oxidation.*

DRESCH, MAURO A. *Synthesis and electrochemical characterization of Nafion-SiO₂ hybrid membranes for application as polymeric electrolyte in PEM fuel cells.*

DUARTE, DANIEL G. *Synthesis and ceramic processing of alumina and zirconia based composites infiltrated with glass phase for dental applications.*

DUARTE, RENATO C. *Comet assay as a cold chain control tool.*

DUVAIZEM, JOSE H. *Study of the microstructural and mechanical properties of titanium-niobium-zirconium based alloys processed with hydrogen and powder metallurgy for use in dental implants.*

FABBRI, ADRIANA D.T. *Study of radiation in fresh tomatoes (*Lycopersicon esculentum* mill) and in the levels of sauce lycopene.*

FANARO, GUSTAVO B. *Ionizing radiation effects on volatiles formation in *Camellia sinensis* (L) teas.*

FARINA, LUIS C. *Viscoelastic characterization of carbon fiber-epoxy composites by creep and creep rupture tests.*

FEITOSA, MARCOS A.F. *Compatibilization of polyamide 6.6 and low density polyethylene polymeric blend using electron beam ionizing radiation.*

FERREIRA, DANILO C. *Gamma radiation processing dosimetry with commercial silicon diodes.*

FONTES, TALITA F. *Alpha prime effect on mechanical properties and corrosion resistance of UR 52N+ Duplex Stainless Steel.*

FRANCISCATTO, PRISCILA C. *X-radiation qualities characterization following the standard IEC 61267 recommendations at the calibration laboratory of IPEN.*

FURGERI, CAMILO *Effect of ⁶⁰Co radiation processing in mate (*Ilex paraguariensis*).*

GARCIA, MARCIA A.A. *Radiochemical characterization and environmental radiological impact in tin and lead processing from casiterite.*

GIMENES, CELSO H. *Identifying and building consensus about the essential competences for R&D managers - case study at IPEN.*

GUILHEN, SABINE N. *Validation of an analytical method for the determination of total mercury in urine samples using cold vapor atomic absorption spectrometry (CV-AAS).*

HIRATA, DANIEL M. *Estimative of core damage frequency in IPEN's IEA-R1 research reactor (PSA level 1) due to the initiating event of loss of coolant caused by large rupture in the pipe of the primary circuit.*

JESUS, WELLINGTON C. de *Study of inverse methods in remote sensing with laser.*

LAINETTI, ELIZABETH B. de F. *Critical analysis for physical adaptation and implementation of new procedures in the IPEN's laboratory animal division.*

LEE, SEUNG M. *A study of calculation methodology and experimental measurements of the kinetic parameters for source driven systems.*

LINHARES, HORACIO M. da S.M.D. *Synthesis and characterization of KY₃F₁₀ and Ky₃F₁₀:Yb:Nd:Tm crystals for optical applications.*

LOPES, PAULA R.C. *Study of different adsorbent materials for the preparation of generator systems of ⁹⁹Mo - ^{99m}Tc and ¹⁸⁸W-¹⁸⁸Re.*

MACHADO, GLAUSON A.F. *Development of ceramic composites from mixture of alumina and ceramic precursor polymer poly (silsesquioxane).*

MAIO, MIREIA F. *Evaluation of effects of ionizing radiation on materials user in dental restorations.*

MANETTI, CRISTIANE T. *The press media and the risk perception.*

MANGUEIRA, THYAGO F. *Dosimetric evaluation of the fricke gel dosimeter using the spectrophotometric technique for application in electron and neutron dosimetry.*

MARQUES, ROGERIO A. *Alternative materials study for dental magnetics attachments applications.*

MARTINS, EMERSON A. *Assessment of the effect of surface treatments on the corrosion resistance of Nd-Fe-B Magnets.*

MARTINS, RENATA de S.L. *Evaluation of toxicity of rainwater on aquatic organisms.*

MERCURIO, MARCIO E. *Investigation of hyperfine interactions in ZnO and Zn_{1-x}Co_xO by means of perturbed angular gamma-gamma correlation technique.*

MESQUITA, RODRIGO M. *Development of porous silicon nitride-based ceramics.*

MIRANDA, JUREMA A. de *Development of a calibration methodology for instruments used to interventional radiology quality control.*

MONTEIRO, RAQUEL A. *Evaluation of potential of adsorption of U, Th, Pb, Zn and Ni by the coir pith.*

MORAES, JAIR R. de *Alkali rare earth double tungstates single crystal fibers: A growth study by the micro-pulling down method.*

MORENO, CAROLINA dos S. *Study of radioprotective effect of the resveratrol.*

MOURA, JOAO A. *Study and methodology development for quality control in the production process of iodine-125 radioactive sealed sources applied to brachytherapy.*

NAKANO, MILTON S. *Technological forecasting at medium and long term about hydrogen generation process, considering probabilistics future scenarios and taking into account fuel cells development.*

NISTI, MARCELO B. *Environmental system applied to radioactive liquid effluent release.*

NOGUEIRA NETO, ANTONIO C. *Acute and chronic toxicity evaluation at Jundiaí river, influent and effluent from Novo Horizonte Wastewater Treatment Plant (NHWWP), Jundiaí, São Paulo.*

NUNES, ILIENE R. *Evaluation of life cycle as a tool for environmental education: the use of waste reduction and increase productivity as indicators.*

NUNES, KELLY P. *Archeometric studies on the Hatahara archaeological site.*

NUNES, THAISE C.F. *Evaluation of the effects of gamma radiation on the vegetables of Brassica oleracea species minimally processed.*

OLIVEIRA, OLAVO R. de *Development of ceramic protonic conductors for solid oxide fuel cells operation under methane and hydrogen fuels.*

OLIVEIRA, THAIS de *Recovery and recycling of sulfuric and nitric acids and molybdenum from liquid waste of lamp industries.*

PEREIRA, LARISSA M. *Cloning, periplasmic expression, purification and structural characterization of human ribosomal protein L10 recombinant.*

PEREIRA, THIAGO M. *Thermal diffusivity measurement of dental hard tissue as function of temperature obtained by infrared thermography.*

PUJATTI, PRISCILLA B. *Development of lutetium-labeled bombesin derivatives: Relationship between structure and diagnostic-therapeutic activity for prostate tumor.*

RABELO NETO, JOSE da S. *Nanostructured synthetic hydroxyapatite and dental enamel heated and irradiated by Er,Cr:YSGG. Characterized by FTIR and XRD.*

RAELE, MARCUS P. *Development of an polarization sensitive Fourier domain optical coherence tomography and it utilization on the Mueller matrix determination.*

RAMOS, AMANDA C.O. *Application of gamma radiation on disinfection feed grain based food for domestic animals.*

ROGOVSCHI, VLADIMIR D. *Radiation degradation of biological waste (aflatoxins) produced in food laboratory.*

RUBY, ELAINE C. *Environmental quality of agricultural soils within the Jaguari River basin - São Paulo.*

SANCHEZ, ARETHA *Human activities and climate and environment changes: an inevitable relation.*

SANTOS, ELEN G. dos *Development of nanobiomarkers for use in sickle cell anemia.*

SANTOS, JANILSON S. *Remediation of soil contaminated with pesticides by treatment with gamma radiation.*

SANTOS, PAOLA de S. *Evaluation of essential trace elements in preterm and full term milk and infantile formulas by neutron activation analysis.*

SILVA, CARLOS E. da *Validation of methods for WDXRF and OES-SPARK techniques in steel analysis. Determination of the uncertainty of measurements for API steel plant sample.*

SILVA, CLEBER F. *Dosimetric evaluation of spectrophotometric response of alanine gel solution for gamma, photons, electrons and thermal neutrons radiations.*

Scientific Production

Dissertations

SILVA, PRISCILA V. da *Evaluation of peach palm (Bactris gasipaes Kunth) processed by radiation.*

SILVA, RENILSON A. da *Hyperfine interaction studies of the perovskite oxides of the type $R\text{CrO}_3$ ($R = \text{Gd}, \text{Tb e Dy}$).*

SUZUKI, LUIS C. *Candida albicans biofilm development in vitro for photodynamic therapy study.*

SZURKALO, MARGARIDA *Investigation on the effect of self assembling molecules on the corrosion resistance of the 1050 aluminum alloy.*

TOLEDO, FABIO de *Design of an electronic system with simultaneous registering of pulse amplitude and event time applied to the 4'pi'-beta'-gama' coincidence method.*

TONDIN, JOSE E.M. *Prospection of implementation of distance learning for the course on fundamentals of nuclear physics at the graduate course of IPEN using free software infra-structure.*

TONELLO, KAROLINA P. dos S. *Composites based on Al_2O_3 , with additions of NbC and MgO.*

TONGU, MARGARETH L.O. *Application of Monte Carlo simulation to the standardization of positron emitting radionuclides.*

TORETI, DALILA L. *Acceptance, commissioning and quality control in radiosurgery.*

TOYOTA, ROSIMEIRI G. *Chemical characterization of Marajoara ceramics.*

UEHARA, SANDRO T. *Data analysis of a backscattering LIDAR system correlated with meteorological data.*

YAMAMURA, AMANDA P.G. *Environmental nanotechnology application: Magnetic biosorbent for uranium removal.*

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ALFARO, EDUARDO de F. *Study of the rice husk ash utilization as filler in polypropylene matrix and ionization radiation effect on this composite.*

ANTUNES, PAULA C.G. *Reconstruction of voxel phantoms for skin dosimetry.*

AQUINO, REGINALDO R. de *Assessment of natural radiation of beaches sands in Great Vitoria, Espirito Santo.*

ARAKAKI, ALEXANDER R. *Obtaining of ceria - samaria - gadolinia ceramics for application as solid oxide fuel cell (SOFC) electrolyte.*

BAPTISTA, TATYANA S. *Reference values in blood elements in crioula breed horses by nuclear methodology.*

BARRIO, GRACIELA *Development of technology for the preparation of $^{90}\text{Sr}/^{90}\text{Y}$ generators at the radiopharmacy directory of IPEN/CNEN-SP.*

BATISTA, RAFAEL M. *Effects of NiO addition on the densification, microstructure and electrical conductivity of yttria fully-stabilized zirconia.*

BENETTI, CAROLINA *Study in vitro of Er, Cr:YSGG laser effects in bone tissue by ATR-FTIR spectroscopy.*

BONIFACIO, RAFAEL N. *Development of a membrane electrode assembly production process for proton exchange membrane fuel cell (PEMFC) by sieve printing.*

BORBA, TANIA R. de *A study on application of biosorbents for treatment of radioactive liquid waste containing americium-241.*

BORGES, WESDEN de A. *Computational simulation studies of the reduction process of UF_4 to metallic uranium.*

BOURLEGAT, FERNANDA M. LE *Availability of metals in samples of phosphogypsum and phosphate fertilizers used in agriculture.*

BRANDALISE, MICHELE *Preparation and characterization of PtRu/C, PtBi/C, PtRuBi/C electrocatalysts for direct elector-oxidation of ethanol in PEM fuel cells using the method of reduction by sodium borohydride.*

BUENO, LILIAN de O. *Climate change as seen by science and scientific dissemination.*

CAMPOS, FABIO E. de *Development of a pattern hot cell for production of injectable radiopharmaceuticals.*

CARVALHO, CLAUDIA A.Z. de *Integrated management system best practices in radioecological laboratories.*

CARVALHO, TEREZINHA E.M. de *Adsorption of anionic dyes from aqueous solutions onto coal fly ash and zeolite synthesized from coal fly ash.*

CINTRA, FELIPE B. de *Evaluation of the methodology for dose calculation in microdosimetry with electrons sources using the MCNP5 code.*

COELHO, TALITA S. *Dosimetry system development for $^{90}\text{Sr}/^{90}\text{Y}$ betatherapy applicators.*

CORREA, EDUARDO de L. *Quality control methodology and implementation of X-radiation standards beams, mammography level, following the standard IEC 61267.*

CORREA, VALERIA R. *Analysis and epidemiology of chagas disease in Araguaína - Tocantins.*

COSTA JUNIOR, NELSON V. da *Analytical characterization and optimization in the determination of trihalomethanes on drinking water by purge and trap coupled to a gas chromatography.*

COSTA, ANA E.B. da *Effects of gamma radiation immunogenicity of ribonucleoprotein (RNPS) of rabies virus and purification of anti-RNPs antibodies for diagnosis.*

COSTA, RENATA F. da *Aerosol optical property studies in Sao Paulo State with Raman LIDAR technique.*

CRUZ, JULIANA N. da *Study of quarantine treatment in mango (*mangifera indica L.*) for export.*

CUNHA FILHO, SILVIO C. da *Epidemiology and study of the factors responsible for spongiosis ocular in the city of Araguatins - TO.*

DIAS, DANIEL M. *Establishment of a new calibration method of pencil ionization chamber for dosimetry in computed tomography.*

DIAS, VIVIANE L. *Aspects of resistance to experimental infection with *Trypanosoma cruzi*.*

DMITRIJEVAS, CIBELE *Eco-efficiency analysis of techniques for disposal of urban solid waste.*

DOMINGOS, DOUGLAS B. *Neutronic, thermal-hydraulic and safety analysis calculations for a miniplate irradiation device (MID) of dispersion fuel elements.*

EGUTE, NAYARA dos S. *Study of the acceleration of ammonia generation process from poultry residues aiming at hydrogen production.*

ESTEVEES, JOSELFINA M. da S. *Comparative evaluation of activity-based costing and variable costing: a case study at IPEN.*

FERREIRA, ROBSON de J. *Methodology development for sealed radioactive sources characterization.*

FONSECA, GABRIEL P. *Project and construction of energy degrading and scattering plates for electron beam radiotherapy for skin diseases.*

FONSECA, LIZANDRA P. de S. *Contribution to optimization of individual doses of workers in shipment of generator technetium-99m.*

FORSTER, PEDRO L. *Photoluminescent study of Polycarbonate (PC) and Poly (9-vinylcarbazole) (PVK) doped films with europium complex.*

FRANKLIN, ROBSON L. *Determination of total organic mercury and evaluation of methylation and demethylation processes in sediments of the Rio Grande reservoir, State of São Paulo.*

GAUGLITZ, ERICA *Study and survey of assembling parameters to a radioactive source production laboratory used to verify equipments.*

GIBELLI, EDISON B. *Preparation and characterization of electroluminescent devices based on complexes of 'beta'-diketonates of Tb^{3+} , Eu^{3+} , Gd^{3+} ions with macrocyclic ligands and UO_2^{2+} films.*

GONCALVES, ANDRE *Obtention and characterization of TiO_2/TiN multilayers coatings.*

GRASSO, ANDREA N. *Spectroscopic studies of europium-tetracyclines complexes and their applications in detection of hydrogen peroxide and urea peroxide.*

HABITZREUTER, ANGELA B. *Implementation of total body irradiation in radiotherapy.*

IRINEU, ROSA M. da S. *Comparison of the properties polyamide 6.6 surfaces treated by plasma and by ionizing radiation.*

ISIDORO, ROBERTA A. *Performance of Nafion- TiO_2 hybrid membrane and PtSn/C electrocatalysts in PEMFC fed with ethanol and H_2/CO at high temperature.*

JESUS, SUELI C. de *Assessment of natural radioactivity levels in waters from Higher Ribeira Valley until the Southern São Paulo state Coastal plain.*

LEITE, DOUGLAS W. *Cermet Ni-ZrO₂ by mechanical alloying.*

LIMA, IARA B. de *Measurements of gaseous multiplication coefficient in pure isobutene.*

LUCENA, RODRIGO F. de *Establishment of an X radiation equipment quality control programme using non invasive meters.*

MACHADO, ANA C.H.R. *Açaí oil development and evaluation of immobilization and release in poly (N-vinyl-pyrrolidone) hydrogels.*

MAGDALENA, CARINA P. *Adsorption of reactive remazol red RB dye of aqueous solution using zeolite of the coal ash and evaluation of acute toxicity with *Daphnia similis*.*

MARTINS, ELAINE W. *Study and determination of the influence factors of the radiopharmaceutical vials dimensions used for activimeter calibration at IPEN.*

MARTINS, ILSO C. *Microstructural studies on chemical interactions in U-Mo alloy with Al.*

MARTINS, LUIZ *Analysis of technical feasibility, economic and environmental operation of the lift system Tietê-Billings in the supply of water and electricity in the metropolitan region of São Paulo.*

MASSICANO, FELIPE *Quantification of tomography images for dose calculation for diagnosis and therapy in nuclear medicine.*

MATOS, JANARA de C. *Hydrobiological aspects of Paraibuna and Paraitinga dams, São Paulo, with emphasis on phytoplankton community.*

MATSUSHIMA, LUCIANA C. *Response evaluation of thermoluminescent detectors in clinical beams dosimetry using different phantoms.*

Scientific Production

Dissertations

MOMESSO, ROBERTA G.R.A.P. *Resveratrol immobilization and release in polymeric hydrogels.*

MONTEZANI, EDMILA *A study on elemental composition in epiphytic lichen samples used as bioindicator of air pollution in São Paulo city.*

MUNIZ, RAFAEL O.R. *Development of an anthropomorphic simulator for simulation and measurements of neutron dose and flux in the facility for BNCT studies.*

MURA, LUIS F.L. *Measurements of nuclear reaction rates and spectral indices along of the radius of fuel pellets at IPEN/MB-01 reactor.*

NAIME, NATALIA *Active packaging from renewable source.*

NASCIMENTO, CLAUDIO S. do *Human error probability quantification using fuzzy methodology in nuclear plants.*

NEGRINI, AGUINALDO D. *Automation of cells of radiopharmaceuticals production.*

NOGUEIRA, GUSTAVO B. *Development of blue lasers, from second harmonic generation using a Nd:YAG laser emitting at 946 nm.*

NONATO, FERNANDA B.C. *Study of radiation detectors response in standard X, gamma and beta radiation beams.*

OLIVEIRA, FLAVIO S. de *Profit environmental and energy use of biomass with residual of dairy cattle in the Lagoa da Prata - MG.*

OLIVEIRA, KARINA C. de *Structural aspects of crotalic venom proteins modified by ionizing radiation.*

OTOMO, JULIANA I. *Development and validation of analytical methodology for endocrine disruptors hormones determination in water for public supply at region of Paraíba do Sul River, SP.*

PASCOALINO, KELLY C. da S. *Comparative study of Si diodes response for gamma radiation dosimetry.*

PAULA, RUTH C.M.F. de *Epidemiological profile cases of snakebites treated at the hospital for tropical diseases in Araguaína - TO (years 2007-2009).*

PUSCEDDU, FABIO H. *Ecotoxicological assessment of the pharmaceutical compound Triclosan to freshwater invertebrates with emphasis to spiked sediment tests.*

RAMOS, GUILHERME da F. *Determination of uranium and thorium isotopes and polonium in sediment profiles from Baixada Santista, SP.*

REIS, SHIRLEY L. dos *Grain growth and electrical conductivity of samaria-doped ceria sintered by the two-step method.*

RIBEIRO, ROSANGELA do S.P. *Incidence and epidemiology visceral Leishmaniasis in norte*

Tocantins - Brazil.

ROGERIO, ADEMILSON *Characterization of niobophosphate glasses for solid oxide fuel cell (SOFC) sealing.*

RUBBIA, WALDIR M. LA *Rehabilitation program of the central area of São Paulo (Procentro) and its influence on the formation of heat island.*

SALGADO, ANDREIA R. *Ovarian transfer as an alternative to restore the reproductive functions in mice females irradiated with gamma radiation from ⁶⁰Co.*

SANTOS, BRIANNA B. dos *Investigation of local magnetism in RZn (R = Ce, Gd, Tb, Dy) and GdCu intermetallic compounds using perturbed angular correlation gamma-gamma spectroscopy.*

SANTOS, ROBERTO C. dos *Time response of temperature sensors using neural networks.*

SANTOS, SILAS C. dos *Colloidal processing of ceramic components for gas burners.*

SEVERIANO, LUCIO C. *Influence of gamma radiation on some physical-mechanical properties of wood used in Brazilian cultural heritage.*

SOMESSARI, SAMIR L. *Development of an automation system for iodine-125 brachytherapy seed production by (Nd:YAG) laser welding.*

SOUZA, ELISEU W. de *Study for manufacturing automobile reflectors using a thermoset composite material and a thermoplastic material.*

TADA, ARIANE *Dosimetric analysis of radiation sources for use dermatological lesions.*

TEIXEIRA, LUCIANE dos S. *Studies of optical properties of complexes europium tetracycline and its applications in detection of lipoproteins.*

VIDAL, JOSE T. *Development of an opto-mechanical system for micro machining with femtosecond laser.*

VIVALDINI, TULIO C. *Measurements of electron drift velocity in pure isobutene.*

WATANABE, ERIKA Y. *Evaluation of electronic imaging device portal "portal dosimetry" in quality control in intensity modulated radiotherapy.*

ZAMPIERI, MARIA C.T. *A study on copper and zinc effects in the growth of Aechmea blanchetiana (Baker) LB Smith seedlings cultivated in vitro. Application of neutron activation analysis.*