

LFNA – UEL - TRABALHOS PUBLICADOS EM 2012

ARTIGOS COMPLETOS PUBLICADOS EM PERIÓDICOS

1. Martins, M.; Pacheco, A. M.; Lucas, A. C. S.; ANDRELLO, Avacir Casanova; Appoloni, Carlos R. Brazil nuts: determination of natural elements and aflatoxin contamination. *Acta Amazonica (Impresso)*, v. 42, p. 157-164, 2012.

2. ESTEVAM, Marcelo; APPOLONI, C. R.; Malvezi, Aparecida; Tatakihara, Vera; Panis, Carolina; Cecchini, Rubens; Rizzo, Luiz; PINGE FILHO, P. Trypanosoma cruzi: In vivo evaluation of iron in skin employing X-ray fluorescence methodology (XRF) in mouse strains that differ in their susceptibility to infection. *FEMS Immunology and Medical Microbiology*, v. 64, p. 334-342, 2012.

3. Ikeoka, R. A.; APPOLONI, C. R.; PARREIRA, P. S.; Lopes, F.; Bandeira, A. M.. PXRF and multivariate statistics analysis of pre-colonial pottery from northeast of Brazil. *X-Ray Spectrometry*, v. 41, p. 12-15, 2012.

4. MOREIRA, Anderson Camargo ; Appoloni, Carlos R. ; Mantovani, Iara F. ; FERNANDES, Jaquiel Salvi ; MARQUES, Leonardo Carmezini ; Nagata, Rodrigo ; FERNANDES, Celso Peres . Effects of manual threshold setting on image analysis results of a sandstone sample structural characterization by x-ray microtomography. *Applied Radiation and Isotopes*, v. 70, p. 937-941, 2012.

5. FERNANDES, Jaquiel Salvi ; APPOLONI, C. R. ; FERNANDES, Celso Peres . Determination of the Representative Elementary Volume for the Study of Sandstones and Siltstones by X-Ray Microtomography. *Materials Research (São Carlos. Impresso)*, v. 15, p. 662-670, 2012.

6. MOREIRA, Anderson Camargo ; Appoloni, Carlos Roberto ; FERNANDES, Celso Peres . Gamma ray transmission technique applied to porous phase characterization of low-porosity ceramic samples. *Materials and Structures (Online)*, v. x, p. x, 2012. <http://link.springer.com/article/10.1617%2Fs11527-012-9921-3>

7. Lucia Elena Thomé; RIZZUTTO, Marcia de Almeida; KAJIYA, E.A.M. ; CAMPOS, P. H. O. V.; Appoloni, Carlos Roberto; LOPES, Fabio. O 'sapo dourado' do arquivo pessoal de Mário de Andrade analisado com o método não-destrutivo de fluorescência de raios X. *Revista do Instituto de Estudos Brasileiros*, v. 55, p. 173-182, 2012.

TRABALHO COMPLETO PUBLICADO

EM ANAIS DE CONGRESSO

1. MARQUES, Leonardo Carmezini ; APPOLONI, C. R. ; Nagata, Rodrigo ; FERNANDES, Celso Peres . Skyscan 1172 applied to investigate multiphase fluid in samples porous structure. In: Skyscan Micro-CT User Meeting 2012, 2012, Brussels, Belgium. Oral Presentations Skyscan Micro-CT User Meeting 2012. Bruxelas: <http://www.skyscan.be/company/UM2012/29.pdf>, 2012. p. 01-07.

RESUMOS PUBLICADOS EM ANAIS DE CONGRESSOS

1. Appoloni, C.R. ; MELQUIÁDES, Fabio L . PORTABLE X - RAY FLUORESCENCE AND PRINCIPAL COMPONENT ANALYSIS FOR BANK NOTES CHARACTERIZATION IN FORENSIC SCIENCE. In: 2012 International Symposium on radiation Physics - ISRP 2012, 2012, Rio de Janeiro - Brasil. Program of 2012 International Symposium on radiation Physics - ISRP 2012. Rio de Janeiro: Project Media, 2012. v. único. p. 1.

2. PATROCÍNIO JÚNIOR, Antonio Carlos ; Andrello, Avacir C. ; Appoloni, C.R. . SEDIMENTATION ASSESSMENT IN A SOUTHERN BRAZIL LAKE USING CESIUM - 137 AND BERYLLIUM - 7. In: 2012 International Symposium on radiation Physics - ISRP 2012, 2012, Rio de Janeiro - Brasil. Program of 2012 International Symposium on radiation Physics - ISRP 2012. Rio de Janeiro: Project Media, 2012. v. único. p. 1.

3. FERREIRA, D. D. ; Appoloni, C.R. ; Jussiani, Eduardo I. ; LONNI, A G ; Melquiades, F.L. ; ANDRADE, C. G. T. L. . METAL ANALYSIS IN COSMETIC FORMULATIONS BY ENERGY DISPERSIVE X - RAY FLUORESCENCE METHODOLOGY. In: 2012 International Symposium on radiation Physics - ISRP 2012, 2012, Rio de Janeiro - Brasil. Program of 2012 International Symposium on radiation Physics - ISRP 2012. Rio de Janeiro: Project Media, 2012. v. único. p. 1.

4. Boldo, Emerson Mario ; Appoloni, C.R. . INSPECTION OF REINFORCED CONCRETE SAMPLES BY COMPTON BACKSCATTERING TECHNIQUE. In: 2012 International Symposium on radiation Physics - ISRP 2012, 2012, Rio de Janeiro - Brasil. Program of 2012 International Symposium on radiation Physics - ISRP 2012. Rio de Janeiro: Project Media, 2012. v. único. p. 1.

5. Luz Filho, Isaias Venancio da ; ANDRELLO, Avacir Casanova ; Appoloni, C.R. . NATURAL RADIATION LEVELS AND HEAVY METALS IDENTIFICATION IN BANANAS SAMPLES. In: 2012 International Symposium on radiation Physics - ISRP 2012, 2012, Rio de Janeiro - Brasil. Program of 2012 International Symposium on radiation Physics - ISRP 2012. Rio de Janeiro: Project Media, 2012. v. único. p. 1.

6. Endo, L. Y. ; MANTOVANI, A. C. G. ; MOLARI, R. ; NOGUEIRA, G. A. L. ; PORTEZAN FILHO, Otávio ; Appoloni, C.R. ; PARREIRA, P S . ANALYSIS OF INFANT COSMETICS THROUGH ENERGY DISPERSIVE X - RAY FLUORESCENCE TO VERIFY THE PRESENCE OF TOXIC ELEMENTS. In: 2012 International Symposium on radiation Physics - ISRP 2012, 2012, Rio de Janeiro - Brasil. Program of 2012 International Symposium on radiation Physics - ISRP 2012. Rio de Janeiro: Project Media, 2012. v. único. p. 1.

7. Kajiya, E. A. M. ; Campos, P. H. O. V. ; MUNIZ, V. D. ; RIZZUTTO, M A ; Appoloni, C.R. ; LOPES, Fabio . EVALUATION OF VERACITY OF THE WORK OF ARTIST DI CAVALCANTE THROUGH NON - DESTRUCTIVE TECHNIQUES: XRF, IMAGING AND PINACOLGY. In: 2012 International Symposium on radiation Physics - ISRP 2012, 2012, Rio de Janeiro - Brasil. Program of 2012 International Symposium on radiation Physics - ISRP 2012. Rio de Janeiro: Project Media, 2012. v. único. p. 1.

8. IKEOKA, R. A. ; Appoloni, C.R. ; PARREIRA, P. S. ; Lopes, F. ; Bandeira, A. M. . PXRf AND MULTIVARIATE STATISTICS ANALYSIS OF PRE - COLONIAL POTTERY FROM SAMBAQU I DO BACANGA. In: 2012 International Symposium on radiation Physics - ISRP 2012, 2012, Rio de Janeiro - Brasil. Program of 2012 International Symposium on radiation Physics - ISRP 2012. Rio de Janeiro: Project Media, 2012. v. único. p. 1.

9. IKEOKA, R. A. ; Appoloni, C.R. ; RIZZUTO, M. A. ; MARCORI, O. H. ; Bandeira, A. M. . EDX, RAMAN AND COMPUTED RADIOGRAPHY ANALYSIS OF PRE - COLONIAL POTTERY FROM SAMBAQU I DA PANAQUATIRA. In: 2012 International Symposium on radiation Physics - ISRP 2012, 2012, Rio de Janeiro - Brasil. Program of 2012 International Symposium on radiation Physics - ISRP 2012. Rio de Janeiro: Project Media, 2012. v. único. p. 1.

10. Galvão, Tiago D. ; Appoloni, C.R. ; Lopes, F. ; RUFFONI, L. D. G. ; NONANKA, K. O. ; ZUCOLOTTI, V. ; WANG, C. C. ; MARANGONI, V. . GOLD NANOPARTICLES CHARACTERIZATION IN DIFFERENT BIOLOGICAL SAMPLES USING EDXRF PORTABLE. In: 2012 International Symposium on radiation Physics - ISRP 2012, 2012, Rio de Janeiro - Brasil. Program of 2012 International Symposium on radiation Physics - ISRP 2012. Rio de Janeiro: Project Media, 2012. v. único. p. 1.

11. Galvão, Tiago D. ; CARMO, T. L. L. ; Appoloni, C.R. ; FERNANDES, M. N. . SOURCING TiO₂ NANOPARTICLES IN AQUEOUS MEDIUM USING PXRf. In: 2012 International Symposium on radiation Physics - ISRP 2012, 2012, Rio de Janeiro - Brasil. Program of 2012 International Symposium on radiation Physics - ISRP 2012. Rio de Janeiro: Project Media, 2012. v. único. p. 1.

12. Appoloni, C.R. . Recent developments in atomic/nuclear methodologies used for the study of cultural heritage objects. In: XXXV Reunião de Trabalho sobre Física Nuclear no Brasil, 2012, Maresias, SP. Programa e Resumos da XXXV Reunião de Trabalho sobre Física Nuclear no Brasil. São Paulo: Editora da SBF, 2012. v. único. p. 21.

13. LOPES, Fabio; MORAES, A. M. C. ; Appoloni, C.R. . Analysis of fuel filters using portable X-ray fluorescence. In: XXXV Reunião de Trabalho sobre Física Nuclear no Brasil, 2012, Maresias, SP. Programa e Resumos da XXXV Reunião de Trabalho sobre Física Nuclear no Brasil. São Paulo: Editora da SBF, 2012. v. único. p. 38.

14. ANDRELLO, Avacir Casanova ; ALBUQUERQUE, S. M. ; Appoloni, C.R. . Assessment of the additions in high density concrete to applications in radiological protection. In: XXXV Reunião de Trabalho sobre Física Nuclear no Brasil, 2012, Maresias, SP. Programa e Resumos da XXXV Reunião de Trabalho sobre Física Nuclear no Brasil. São Paulo: Editora da SBF, 2012. v. único. p. 34.

15. Fernandes, Jaquiel S. ; Nagata, Rodrigo ; Appoloni, C.R. ; Moreira, Anderson C. ; FERNANDES, Celso P . Multi-scale analysis in carbonates by X-ray microtomography: Characterization of the porosity and pore size distribution. In: XXXV Reunião de Trabalho sobre Física Nuclear no Brasil, 2012, Maresias, SP. Programa e Resumos da XXXV Reunião de Trabalho sobre Física Nuclear no Brasil. São Paulo: Editora da SBF, 2012. v. único. p. 34-35

16. P. S. Parreira; L. R. Teixeira;F. Lopes. Qualitative analysis of pigments in the internal decoration of the Imaculada Conceição Basilica - Botafogo / RJ. In: 2012 International Symposium on radiation Physics - ISRP 2012, 2012, Rio de Janeiro - Brasil. Program of 2012 International Symposium on radiation Physics - ISRP 2012. Rio de Janeiro: Project Media, 2012. v. único. p. 1.