

Poster Session 1

A6 - Anjos - Brazil
A59 - Alber - Russia
A76 - Plá - Argentina
A80 - Yurukova - Bulgaria
A81 - Yurukova - Bulgaria
A94 - Brienza - Brazil
A98 - Cruz-Morais - Portugal
A101 - Catinon - France
A103 - Farias - Brazil
A108 - Dubchak - Poland
A114 - Soares - Portugal
A118 - Maihara - Brazil
A121 - Plá - México
A123 - Alencar - Brazil
A126 - Vasconcellos - Brazil
A146 - França - Brazil
A154 - Santos - Brazil
A155 - Stochioiu - Romania
A159 - Nunes - Brazil
A172 - Araújo - Brazil
A179 - Freitas - Portugal
A180 - Freitas - Portugal
A197 - Fogaça - Brazil
A209 - Cortés - Chile
A220 - França - Brazil

Poster Session 2

A2 - Santos - Brazil
A5 - Iwahara - Brazil
A7 - Rahman - Malaysia
A12 - Simeonov - Bulgaria
A36 - Moraes - Brazil
A40 - Malta - Portugal
A61 - Jasan - Argentina
A71 - Santos - Brazil
A74 - Barbosa - Brazil
A75 - Lima - Brazil
A88 - Ayrault - France
A92 - Vives - Brazil
A93 - Zucchi - Brazil
A95 - Moreira - Brazil
A96 - Moreira - Brazil
A104 - Fávares - Brazil
A113 - Carreira - Portugal
A117 - Fernandes - Portugal
A119 - Pinheiro - Portugal
A129 - Figueiredo - Brazil
A132 - Damatto - Brazil
A149 - Lee - Korea
A150 - Lim - Korea
A162 - Cardoso - Portugal
A185 - Santos - Brazil
A191 - Corredeira - Portugal
A198 - Dung - Portugal
A199 - Edwards - USA
A200 - Oliveira - Portugal
A202 - Acharya - India
A204 - Lee - Korea
A205 - Lee - Korea
A206 - Tejeda - Mexico
A208 - Gonzaga - Brazil
A210 - Cortés - Chile
A214 - Hamzah - Malaysia
A215 - Farinha - Portugal
A219 - Araújo - Brazil

Biomonitoring, Archaeology and Agriculture

CORRELATIONS BETWEEN DISTRIBUTIONS OF CAESIUM AND POTASSIUM IN ABOVEGROUND ORGANS OF TROPICAL PLANTS
EFFECTS OF RARE EARTH ELEMENTS ON UPTAKE OF ESSENTIAL PLANT NUTRIENTS AND TRACE ELEMENTS AND PLANT BIOMASS
THE USE OF BROMELIACEAE TRANSPLANTS IN ATMOSPHERIC DEPOSITION STUDIES
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ARTIFICIAL AND NATURAL RADIOACTIVITY IN EDIBLE MUSHROOMS FROM SÃO PAULO, BRAZIL
NEUTRON ACTIVATION ANALYSIS FOR THE MULTIELEMENTAL DETERMINATION AND ANALYSIS OF BIOMONITORS (THILLANDSIA RECURVATA) FOR THE STUDY OF POLLUTING AGENTS IN THE VALLEY OF MÉXICO
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UNCERTAINTY EVALUATION IN THE ANALYSIS OF MUSSELS BY INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS AND ATOMIC ABSORPTION SPECTROMETRY
A NOVEL SIMPLIFIED SAMPLING PROCEDURE FOR STUDYING CHEMICAL COMPOSITION OF BROMELIADS IN PRESERVED FORESTS
CHEMICAL AND MINERALOGICAL CHARACTERIZATION OF ARCHAEOLOGICAL CERAMICS FROM XINGÓ
GAMMA SPECTROMETRY ANALYSIS USED IN QUALITATIVE AND QUANTITATIVE MONITORING OF THE RADIONUCLIDES FROM NUCLEAR ENVIRONMENT
SPATIAL DISTRIBUTION OF METAL CONTENTS IN SOIL
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LICHEN TRANSPLANTS POSITIONING TOWARDS WIND DIRECTION (PART I): PRECIPITATION VOLUMES, TOTAL ELEMENT DEPOSITION AND LICHEN ELEMENT CONTENT
LICHEN TRANSPLANTS POSITIONING TOWARDS WIND DIRECTION (PART II): TRANSPLANT COMPARISONS IN ELEMENTAL CONTENTS
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Environmental and QA/QC

ANALYSIS OF A PARTICLE INDUCED X-RAY EMISSION STUDY OF TRACE ELEMENTS IN SEDIMENTS OF TOLEDO RIVER, PARANÁ, BRAZIL
PROFICIENCY TEST FOR RADIOACTIVITY MEASUREMENTS IN NUCLEAR MEDICINE
CHEMICAL COMPOSITION AND SOURCE APPORTIONMENT OF AEROSOL OVER KLANG VALLEY
AIR-QUALITY ASSESSMENT OF PICO-ISLAND ENVIRONMENT BY THE USE OF CHEMOMETRICS
USE OF ENERGY DISPERSIVE X-RAY FLUORESCENCE TECHNIQUE IN THE DETERMINATION OF LEAD IN SEDIMENTS
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ANTIMONY ENVIRONMENTAL SOURCES AND PATHWAYS
STUDY OF METAL REMOVAL BY SQUARE WETLAND SYSTEM USING SYNCHROTRON RADIATION TOTAL REFLECTION X-RAY FLUORESCENCE
ENVIRONMENTAL POLLUTION: PM10 QUANTITATIVE ANALYSIS BY SYNCHROTRON RADIATION TOTAL REFLECTION X-RAY FLUORESCENCE
EVALUATION OF WATER AND SEDIMENT OF GRAMINHA AND ÁGUAS DA SERRA STREAMS IN LIMEIRA CITY (SÃO PAULO STATE) BY SYNCHROTRON RADIATION TOTAL REFLECTION X-RAY FLUORESCENCE
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MINERAL AND TOTAL MERCURY CONTENT ASSESSMENT IN DIFFERENT FISH SPECIES FROM CANANÉIA ESTUARY, SÃO PAULO STATE, BRAZIL
A 15-YEAR RECORD OF SEASONAL VARIATION IN THE ISOTOPIC COMPOSITION OF PRECIPITATION WATER OVER CONTINENTAL PORTUGAL
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UNCERTAINTY EVALUATION IN THE ANALYSIS OF TRACE ELEMENTS IN HUMAN BLOOD
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DISTRIBUTION OF RADIONUCLIDES FROM U AND Th SERIES, TRACE ELEMENTS AND RARE EARTHS IN BOTTOM SEDIMENT SAMPLES FROM SÃO PAULO STATE COAST
INDOOR AIR QUALITY AFFECTED BY ENVIRONMENTAL TOBACCO SMOKE: DATA FOR THE FINE AIRBORNE PARTICULATE MATTER AND METALS
RISK ASSESSMENT OF INHALATION EXPOSURE FOR AIRBORNE TOXIC METALS USING INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS
ENVIRONMENTAL ASSESSMENT USING ENERGY-DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY ANALYSIS ON SALT MARSH SEDIMENTS FROM MIRA ESTUARY, SOUTHWEST PORTUGAL
CONCENTRATION ATTENUATION MODEL TO ASSESS ARSENIC, ANTIMONY, CHROMIUM, SELENIUM AND ZINC MOBILITY IN SEDIMENTS FROM SEPETIBA BAY, RIO DE JANEIRO
SEDIMENTS OF GALICIAN CONTINENTAL SHELF: ELEMENTAL COMPOSITION AND ACCUMULATION RATES
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APPLICATION OF COMPTON SUPPRESSION NEUTRON ACTIVATION ANALYSIS TO DETERMINE AIRBORNE TRACE ELEMENTS IN THE WINTER SEASON IN LISBON, PORTUGAL
BIOAVAILABILITY OF RADIONUCLIDES FROM URANIUM MINE WATER TREATMENT PONDS
INSTRUMENTAL AND SPECIATION NEUTRON ACTIVATION ANALYSIS FOR ARSENIC IN WATER SAMPLES AND ESTIMATION OF EXPANDED UNCERTAINTY
TEMPERATURE EFFECT ON AIR-WATER PARTITION OF VOCs IN GROUNDWATER-SOIL BATCH CONTAINERS
REGIONAL CHARACTERISTICS OF NATURALLY OCCURRING RADIOACTIVE NUCLIDES OF SURFACE SEDIMENTS IN CHINA CONTINENT AND THE KEUM-RIVER REGION IN KOREA
SPECIATION OF TRACE ELEMENTS IN TRIBUTARIES TO THE LERMA RIVER IN MEXICO
LONG-TERM STABILITY OF FULL FAT SOYBEAN FLOUR REFERENCE MATERIAL PRODUCED BY INTERNATIONAL ATOMIC ENERGY AGENCY AND NUCLEAR ENERGY CENTER FOR AGRICULTURE, UNIVERSITY OF SÃO PAULO
CHARACTERIZATION OF AIRBORNE PARTICULATE MATTER OF SANTIAGO, CHILE
SCREENING OF BACTERIA TOLERANCE TOWARDS LEAD AND MERCURY FROM OIL SLUDGE POND
to be sent
CHEMICAL CHARACTERIZATION OF URBAN WETLAND VEGETATION FROM THE PIRACICABA RIVER BASIN, BRAZIL

Poster Session 3

A17 - Wang - China
A22 - Saiki - Brazil
A33 - Zaichick - Russia
A49 - Laoharajanaphand - Thailand
A51 - Spyrou - United Kingdom
A67 - Saiki - Brazil
A69 - Garg - India
A70 - Barbosa - Brazil
A79 - Barroso - Brazil
A85 - Pereira - Brazil
A112 - Bernardes - Brazil
A125 - Silva - Brazil
A131 - Leal - Brazil
A140 - Moreira - Brazil
A148 - Lahiri - India
A156 - Ventura - Portugal
A157 - Ventura - Portugal
A161 - Sun - Korea
A165 - Martinez - Mexico
A166 - Pinto - Brazil
A169 - Moon - Korea
A173 - Fernandes - Brazil
A178 - Repolho - Portugal
A188 - Fogaça - Brazil
A190 - Sneyers - Belgium
A192 - Turra - Brazil
A207 - Baptista - Brazil
A217 - Antunes - Brazil
A218 - Antunes - Brazil

Poster Session 4

A4 - Iwahara - Brazil
A15 - Kadi - Saudi Arabia
A16 - Babapour - Iran
A24 - Navarrete - Mexico
A28 - Pavelka - Czech Republic
A37 - Almeida - Brazil
A45 - Zhang - China
A47 - Oshtrakh - Russia
A52 - Polkowska-Motrenko - Poland
A54 - Zamboni - Brazil
A62 - Scapin - Brazil
A84 - Anjos - Brazil
A86 - Fikrle - Czech Republic
A97 - Marouli - United Kingdom
A102 - Pommé - Belgium
A105 - DeJesus - USA
A111 - Gonzaga - Brazil
A124 - Alkhorayef - United Kingdom
A134 - Babapour - Iran
A137 - Barroso - Brazil
A139 - Chatt - Canada
A153 - Lukashina - Russia
A160 - Saueia - Brazil
A194 - Yusof - Malaysia
A203 - Nisti - Brazil
A221 - Beasley - Portugal
A222 - Beasley - Portugal

Human Health, Nutrition and Natural Medicine

SIZE-DEPENDENT TRANSLOCATION STUDY OF Fe₂O₃ NANOPARTICLES IN MICE BRAIN BY SYNCHROTRON RADIATION TECHNIQUES
EVALUATION OF INORGANIC COMPONENTS IN MINERAL SUPPLEMENTS BY NEUTRON ACTIVATION ANALYSIS
NEUTRON ACTIVATION ANALYSIS OF TRACE ELEMENT CONTENTS IN THE RIB BONE OF HEALTHY MEN
ELEMENTAL COMPOSITION OF THAI CEREALS BY INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS
TRACE ELEMENTAL ANALYSIS OF RICE GROWN IN TWO REGIONS OF TANZANIA
EVALUATION OF TRACE ELEMENTS, BIOCHEMICAL AND HEMATOLOGICAL DATA FROM AN ELDERLY GROUP OF SÃO PAULO CITY, SP, BRAZIL
DETERMINATION OF MINOR, TRACE AND TOXIC ELEMENTS IN ARJUNA BARK POWDER – A VERSATILE HEART TONIC – BY INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS AND ATOMIC ABSORPTION SPECTROMETRY, AND IT
ELEMENTAL ANALYSIS OF TEENAGE MOTHERS PLACENTA BY TOTAL-REFLECTION X-RAY FLUORESCENCE SPECTROMETRY
ANALYSIS OF LOW ANGLE X-RAY SCATTERING PROFILES FROM IRRADIATED HUMAN WHOLE BLOOD, PLASMA AND FORMED ELEMENTS SAMPLES
INVESTIGATION OF BIOLOGICAL MATRICES THROUGH TOTAL REFLECTION X-RAY FLUORESCENCE
STUDY OF TRACE ELEMENTS IN HUMAN BLOOD SERUM MEASURED BY PROTON INDUCED X-RAY EMISSION AND INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY
CHEMICAL AND RADIOLOGICAL CHARACTERIZATION OF CLAY MINERAL OF PHARMACEUTICAL AND COSMETIC USE
NEUTRON ACTIVATION ANALYSIS OF THE BRAZILIAN SUPPLEMENTARY FOOD “MULTI-MIX”
TOTAL REFLECTION X-RAY FLUORESCENCE AND DISCRIMINANT ANALYSIS AS DIAGNOSTIC TOOL FOR BREAST CANCER
IMMOBILISATION OF NO-CARRIER-ADDED 93mMo ON A BIOPOLYMER CALCIUM ALGINATE: A CANDIDATE RADIOPHARMACEUTICAL
THE SELENIUM DAILY INTAKE OF TWO SMALL GROUPS OF THE PORTUGUESE POPULATION DETERMINED BY NEUTRON ACTIVATION ANALYSIS
DETERMINATION OF SELENIUM IN FOOD MATRICES BY REPLICATE SAMPLE NEUTRON ACTIVATION ANALYSIS
INVESTIGATION OF CALCIUM EXCRETION IN RATS BY INTAKE OF BORON BY USING NEUTRON ACTIVATION ANALYSIS
LEAD CONCENTRATION IN SOME MEXICAN CANDIES
STUDY OF HUMAN BLOOD AND HEMOCOMPONENTS IRRADIATED WITH LOW DOSE BY TOTAL-REFLECTION X-RAY FLUORESCENCE USING SYNCHROTRON RADIATION
DETERMINATION OF TRACE ELEMENTS IN KOREAN GINSENGS WITH INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS
ELEMENTAL COMPOSITION OF COFFEE BEANS CORRELATED TO DRINK QUALITY
CHARACTERISING EXPOSURE TO AIR POLLUTANTS FOR AN EPIDEMIOLOGICAL STUDY
CHEMICAL ELEMENTS STATUS OF BOVINE MILK FROM SOUTHERN MINAS GERAIS STATE, BRAZIL
TRACE ELEMENT DETERMINATION IN BEAUTY PRODUCTS BY ^{ko}-NEUTRON ACTIVATION ANALYSIS
DIETARY MINERALS IN ORGANIC AND CONVENTIONAL ORANGE JUICES
BIOCHEMICAL VALUES IN WHOLE BLOOD OF HORSES USED FOR HYPERIMMUNE SERA PRODUCTION
CONCENTRATION OF TRACE ELEMENTS IN THE CANINE BASEMENT MEMBRANE WITH OCULAR DISEASES
X-RAY FLUORESCENCE AS A POTENTIAL TECHNIQUE TO CLASSIFICATION OF OCULAR DISEASES

Methodologies and Speciation

PRIMARY RADIOACTIVITY STANDARDIZATION OF ²²Na BY 4pb-g COINCIDENCE COUNTING AND BY SUM-PEAK SPECTROMETRY COUNTING METHODS
DETERMINATION AND CHEMICAL SPECIATION OF ULTRA TRACE CONCENTRATIONS OF URANIUM WITH SELECTED COMPLEXING AGENTS BY ADSORPTIVE CATHODIC STRIPPING VOLTAMMETRY
PEAK LOCALIZATION IN GAMMA RAY SPECTRA WITH WAVELET ANALYSIS
IODINE TRACES IN FOODSTUFF DETERMINATION BY PRE-CONCENTRATION ON ACTIVATED CARBON AND NEUTRON ACTIVATION ANALYSIS
USE OF RADIOMETRIC ENZYME ASSAYS TO FOLLOW CHANGES IN CELLS' IODOTHYRONINE DEIODINASES ACTIVITIES
ACTIVITY STANDARDIZATION OF ¹²⁴Sb BY INSTRUMENTAL GAMMA SPECTROMETRY
TISSUE DISTRIBUTION OF RADIOACTIVE NANO-CERIA IN MICE
MÖSSBAUER SPECTROSCOPY WITH HIGH VELOCITY RESOLUTION: AN INCREASE OF ANALYTICAL POSSIBILITIES IN BIOMEDICAL RESEARCH
STUDIES OF GEL METAL-OXIDE NANOCOMPOSITE SAMPLES AS FILLING MATERIALS FOR W-188/Re-188 GENERATOR COLUMN
COMPARISON OF THE SEMI-PARAMETRIC NEUTRON ACTIVATION ANALYSIS WITH INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS TO DETERMINE MAJOR TRACE ELEMENTS IN SERUM FOR CLINICAL PRACTICE
PHTHALATE ESTERS DETERMINATION BY GAS CHROMATOGRAPHY COUPLED TO MASS SPECTROMETRY IN BRAZILIAN HOUSE DUST
ZINC INVESTIGATION IN OSTEOPOROSIS DISEASES USING SYNCHROTRON RADIATION BY X-RAY MICROFLUORESCENCE IMAGING
PILOT STUDY OF ⁹⁹Tc DETERMINATION IN ENVIRONMENTAL SAMPLES BY NEUTRON ACTIVATION ANALYSIS AND LIQUID SCINTILLATION MEASUREMENT
ADAPTATION OF THE NATIONAL PHYSICAL LABORATORY PRIMARY GAS-COUNTING FACILITIES FOR THE STANDARDISATION OF POSITRON-EMITTERS IN GAS
SOME MODIFICATIONS TO SIMA'S MODEL FOR TOTAL EFFICIENCY CALCULATION OF WELL-TYPE DETECTORS
PARAQUAT UPTAKE IN ADULT AND FETAL NON-HUMAN PRIMATE BRAINS ASSESSED IN VIVO USING POSITRON EMISSION TOMOGRAPHY IMAGING
GAMMA-RAY INTERACTION WITH MATTER FOR DISCRIMINATION OF DIFFERENT TYPES OF COFFEE
DETERMINATION AND IMAGING OF THE RELATIVE OXYGENATION OF TISSUES IN ONCOLOGY FROM ORTHO-POSITRONIUM 3-GAMMA DECAY
PHOTON ESCAPE PROBABILITY FROM HPG_e DETECTORS WITH FUZZY MODEL
X-RAY COHERENT SCATTERING SIGNATURES FROM LYOPHILIZED HUMAN TISSUES USING SYNCHROTRON RADIATION
DETERMINATION OF ARSENIC(III) AND ARSENIC(V) IN DRINKING WATER BY SOLID-PHASE EXTRACTION, COPRECIPITATION AND NEUTRON ACTIVATION
ATOMIC TRITIUM AS AN INSTRUMENT FOR STUDY OF STRUCTURAL ALTERATIONS DETERMINING DIFFERENT FUNCTIONAL STATES OF COAT PROTEIN IN POTATO VIRUS X VIRIONS
RADIOANALYTICAL METHOD FOR THE DETERMINATION OF U AND Th ISOTOPES, ²²⁶Ra AND ²¹⁰Po USING ALPHA SPECTROMETRY IN SAMPLES OF THE BRAZILIAN PHOSPHATE INDUSTRY
COLUMN ADSORPTION STUDY ON THE REMOVAL OF Cr(VI) AND Zn(II) SPECIES BY ACTIVATED CARBON
Fast methodology for time counting optimization in gamma-ray spectrometry based on preset minimum detectable amounts
SIMULATING THE INTRODUCTION OF A SAPPHIRE CRYSTAL INTO AN EPITHERMAL NEUTRON BEAMLINER
BEAM DAMAGE CORRECTION IN SIMULTANEOUS PROTON INDUCED X-RAY EMISSION TOMOGRAPHY AND ON/OFF-AXIS SCANNING TRANSMISSION ION MICROSCOPY-TOMOGRAPHY