

外部投稿

[PET]

脳主幹動脈閉塞性病変による血行力学的脳虚血における脳循環代謝と flumazenil 結合脳

湯川宏胤、小笠原邦昭

岩手医学雑誌 55(1):21-27, 2003

動注、放射線同時併用療法が奏効した舌進展癌の1例

双木 均、関山三郎、星 秀樹、古内秀幸、武田泰典、中里龍彦

口腔腫瘍 15(4): 205-211, 2003

Shimadzu Headtome IV を用いた 18-FDG-PET による原発性肺癌の検索

毛利孝、関村研之、佐々木信人、佐藤温子、似内郊雄、吉田匠、谷藤幸夫、小林仁

山内広平、井上洋西

呼吸 (22) 7: 705-708, 2003

[PIXE]

Original method of quantitative analysis developed for diverse samples in various research fields

- quantitative analysis at NMCC -

Sera, K.

Int'l Journal of PIXE 13 (1&2): 11-16, 2003

Establishment of central research laboratory for accurate quantitative PIXE analysis

-an approach of Tohoku University-

K.Ishii, H.Yamazaki, S.Matsuyama and Y.Kikuchi

International Journal of PIXE 13 (1&2): 17-22, 2003

Characterization of atmospheric total suspended particulate (TSP) in a midsize city in northern Japan:

non-snow-clad period to snow-clad period comparison

K. Saitoh, Y. Iwata, K. Sera and K. Hirano

International Journal of PIXE 13 (1&2): 51-64, 2003

Multi-site aerosol monitoring using mini step sampler

S.Matsuyama, K.Kato, S.Sugihara, K.Ishii, H.Yamazaki, T.Satoh, Ts. Amartaivan, A.Tanaka, H.Komori

K.Hotta, D.Izukawa, K.Mizuma, H.Orihara, E.Nakamura, N.Satoh, S.Futatsugawa and K.Sera

International Journal of PIXE 13 (1&2): 65-80, 2003

Transport course of insoluble and soluble substances of fog water in Akita prefecture in northern Japan

R. Kikuchi, J. Inotume, K. Yoshimura, M. Kajikawa, N. Ogawa, K. Sera and T. Ozeki

International Journal of PIXE 13 (1&2): 81-87, 2003

Summary of the workshop on practical problems in biological application of micro-PIXE analysis

H. Yamazaki, K. Ishii, S. Matsuyama, Y. Komori, K. Mizuma and T. Iizuka

International Journal of PIXE 13 (1&2): 89-96, 2003

Characterization, source identification, and optical properties of atmospheric aerosols measured at Amami-Oshima, southwest Japan, during spring seasons under the APEX field campaign program

Haruo Tsuruta, Shigeto Sudo, Seiichiro Yonemura, Yuichiro Shirasuna, Koichiro Hirano

Koichiro Sera, Shoji Futatsugawa, Takahisa Maeda, Naoki Kaneyasu, Nobuo Takeuchi

Tamio Takamura, and Teruyuki Nakajima

Findings and Current problems in the Asian Particle Environmental Change Studies: 2003, JST/CREST/APEX 2003 Interim Report: 21-40, 2003

Interdisciplinary study on environmental management, planning and risk communication in gold rush regions

Murao, S.

Summary Report of Research Results, Global Environmental Research Fund, Ministry of the Environment: 377-386, 2003

Characterization and episodes of atmospheric aerosols measured at Amami-Oshima during 15 Mar.-16 Apr. 2003

H. Tsuruta, S. Sudo, Y. Shirasuna, K. Hirano, K. Sera, S. Futatsugawa and T. Maeda

The APEX-RIHN Joint International Workshop for Atmospheric Aerosols and Clouds (The 6th APEX International Workshop), Awaji, Japan, 25-27 June, 2003 (in CD-R)

Field measurements of atmospheric trace gases and aerosols at Amami-Oshima in APEX-E2

Haruo Tsuruta, Shigeto Sudo, Seiichiro Yonemura, Takahisa Maeda, Naoki Kaneyasu, Yuichiro Shirasuna

Koichiro Hirano, Koichiro Sera, Shoji Futatsugawa, Ryoichi Imasu

IUGG 2003, Sapporo, Japan, 30 June-11 July, 2003 (in CD-R)

Characterization of atmospheric aerosols at Amami-Oshima during APEX campaign field measurement of E1, E2, and E3

H. Tsuruta, S. Sudo, Y. Shirasuna, K. Hirano, K. Sera, S. Futatsugawa and T. Maeda
SKYNET Data Analysis Workshop, Khon Kaen, Thailand, 11-13 Nov., 2003 (in CD-R)

**Characterization of atmospheric aerosols at Amami-Oshima during March-April 2003 under the APEX
E3 field Campaign Program**

H. Tsuruta, S. Sudo, S. Yonemura, Y. Shirasuna, K. Hirano, K. Sera, S. Futatsugawa, T. Maeda
ABC Workshop, Univ. of Tokyo, Japan, 17-18 Nov., 2003 (in CD-R)

PIXE analysis of NIST urban particulate matter collected on a polycarbonate membrane filter

K. Saitoh, K. Sera and K. Shimomura
International Journal of PIXE 13 (in printing) : 2004

Multi-site aerosol monitoring using mini step sampler

S.Matsuyama , K.Katoh, S.Sugihara, K.Ishii , H.Yamazaki, T.Satoh, Ts.Amartaivan, A.Tanaka, H.Komori
K.Hotta, D.Izukawa, K.Mizuma, H.Orihara, E.Nakamura, N.Satoh, S.Futatsugawa, K.Sera
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PIXE elemental analysis of drinking water supplies

H.Yamazaki, K.Ishii, Y.Takahashi, Ts.Amartaivan, S.Matsuyama, T.Sato, S.Sugihara, K.Sera , G.C.Jon
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PIXE analysis of trace heavy metals in river and tap waters using an ion-exchange cellulose filter paper

Ts.Amartaivan, K.Ishii, H.Yamazaki, Y.Takahashi, S.Matsuyama, T.Satoh, S.Sugihara, K.Katoh
Y.Komori, H.Orihara
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Preliminary measurement of the low energy detection efficiency of a Si(Li) detector for PIXE

Application

M.Rodriguez, T.Yonezawa, K.Ishii, S.Matsuyama, H.Yamazaki, T.Saoto, Ts.Amartaivan, S.Sugihara
A.Tanaka, K.Kato, Y.Komori
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Finding of high level arsenic for Mongolian villagers' hair

Murao, S., Tumenbayar, B. Sera, K., Futatsugawa, S. and Waza, T.
International Journal of PIXE: (Accepted for publication)

Element concentration in hair of children living in environmentally degraded districts of the East Aral Sea region

M.Chiba, K.Sera, M.Hashizume, T.Shimoda, S.Sasaki, O.Kunii, and Y.Inaba

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PIXE analysis of hair samples from artisanal mining communities in the Acupan region, Benguet, Philippines

Clemente, E., Sera, K., Futatsugawa, S. and Murao, S.

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Influence of the coat color on the trace elemental status measured by particle induced X-ray emission (PIXE) in horse hair

Kimi Asano, Kazuyuki Suzuki, Momoko Chiba, Koichiro Sera, Tsutomu Matumoto, Ryuji Asano and Takeo Sakai

Biol. Trace. Element. Res.

Multi-element analysis of marine microalgae using particle-induced X-ray emission (PIXE)

Obata, T., Sera, K., Futatsugawa, S., and Shiraiwa, Y.

Marine Biotechnology Supplement (Proc. of MBC2003): (in press) (Peer-reviewed original article)

骨形成蛋白質 (BMP) を用いた顎骨再生に関する実験的研究

中谷寛之

岩手医科大学歯学雑誌 28(1) : 16-26, 2003

PIXE 分析法を用いた河川水の溶存および懸濁物質の元素分析

蕪木佐衣子、世良耕一郎、織田久男、川崎晃、末次忠司、諏訪義雄、二村貴幸、田村憲司、東照雄

RADIOISOTOPES 52-2 : 81-93, 2003

世界遺産白神山地における大気環境の調査研究—大気環境中ガス状物質とブナの葉の成長に伴う葉内元素組成の変化—

斉藤勝美

大気環境学会誌 38: 145-161, 2003

アルミニウム飲水投与による SHR ラットの血圧と微量元素への影響

宮川 誠、大門建夫、加藤 洋

Biomed Res Trace Elements 14(4): 338-340, 2003

円石藻の増殖に欠かせない微量元素とは？元素濃縮能を有する海洋微細藻類を利用して海洋環境を改善する

小幡年弘、白岩善博

化学と生物42 (6) : 354-356

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奄美大島で 2003 年春季に測定した大気エアロソル中の化学組成とその発生源推定

鶴田治雄、須藤重人、白砂裕一郎、平野耕一郎、世良耕一郎、二ツ川章二、前田高尚

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馬における血清および被毛中微量元素濃度と房室ブロックの関係について

上谷智英、鈴木一由、浅野妃美、世良耕一郎、千葉百子、酒井健夫、浅野隆司

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鶴田治雄、須藤重人、米村正一郎、白砂裕一郎、平野耕一郎、世良耕一郎、二ツ川章二、前田高尚、高村民雄、竹内延夫、中島映至

第 14 回大気化学シンポジウム講演予稿集 : 2004

[その他]

[¹¹C]メチルトリフレートによるループ標識合成法を目的とする [¹¹C]ヨウ化メチル自動合成装置の改造例

寺崎一典、高橋和弘、佐々木基仁、岩田錬

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核医学診断を受けたコンパニオンアニマルに関わるヒトの外部被曝線量評価

伊藤伸彦、花輪明日美、鈴木花杏、鍋島紀子、永井裕司、夏堀雅宏、石川達也

畠山智、二ツ川章二、寺崎一典、坂本幸夫

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