

Dr. Evangelia Kounadi, was born in 1966. She is a Medical Physicist. She received her Diploma in Physics from the University of Patras , Greece, in 1988, her M.Sc. in Medical Physics in 1989 from Patras University and her Ph.D. in Medical Physics in 1994 from the University of Ioannina. During the course of her studies she was awarded with SSF (State Scholarships Foundation), Bodosakis and other scholarships. She received her licence in Radiation Physics in 1995. She has worked in many Hospitals in Greece. She was for many years board member of Associations (Greek Cancer Society, etc). She was elected member of the Scientific Council and member of the Library Committee of the "Alexandra" Hospital (2010-2011). She has participated as invited speaker at many round tables, and has organized scientific seminars. She has published many full papers in international journals and books and has many publications in conference proceedings (162 citations in published work).

### Papers in international journals

- "An electron microscopic study of collagen fibril structure after lithium treatment - I. The effect of different lithium doses on mouse skin collagen". Kounadi E., Tzaphlidou M., Glaros D., *Micron* 1994, 25, 233-240.
- "An electron microscopic study of collagen fibril structure after lithium treatment - II. The effects of low lithium dose and short treatment on mouse skin collagen". Kounadi E., Tzaphlidou M., Fountos G. and Glaros D., *Micron* 1995, 26, 113-120.
- "The effects on inflammation-mediated osteoporosis (IMO) on the skeletal Ca/P Ratio and on the structure of Rabbit Bone and Skin Collagen ", Fountos G., Kounadi E., Tzaphlidou M. and Yasumura S., *Applied Radiation and Isotopes*, 1998, 49, 657-659.
- "Influence of low doses gamma irradiation on mouse skin collagen fibrils". Tzaphlidou M., Kounadi E., Leontiou I., Matthopoulos D. and Glaros D., *Int. J. Radiat. Biol.*, 71:109-115, 1997.
- "The influence of inflammation-mediated osteopenia (IMO) on the structure of Rabbit Bone and Skin Collagen fibrils" Kounadi E., Fountos G., and Tzaphlidou M., *Connective Tissue Research*, 1998, 37, 69-76.
- "Lithium skin collagen periodicity as measured by electron microscopy". Tzaphlidou M., Kounadi E., and Leontiou I., *Godina elektronske mikroskopije*, 40: 91-92, 1997.
- "Abnormal collagen fibril structure as studied by electron microscopy. The effect of lithium". Tzaphlidou M. and Kounadi E., *Godina elektronske mikroskopije*, 40: 75-78, 1997.
- The effect of lithium treatment on collagenous tissues: An electron microscope study", Tzaphlidou M and Kounadi E., *Micron*, 1998, 29, 235-248
- "Measurements of the axial periodicity of collagen in various tissues: A new computer method"
- "Changes in the skeletal Ca/P ratio and collagen morphology in rabbits fed Kounadi E.", Tzaphlidou M., Leontiou I. and Fountos G. *Med. Biol. Eng. Comput.*, Vol. 35, Suppl. Part 1, page 120, 1997, *World Congress on Medical Physics and Biomedical Engineering 1997*"
- "In vivo measurements of radius Calcium/Phosphorus ratio by X-ray absorptiometry". Fountos G., Tzaphlidou M., Kounadi E. and Glaros D., *Applied Radiation and Isotopes*, 1999, 51, 273-278"
- "Interactive software for morphometric analysis of collagen fibrils". Fountos G., Fudos I. and Kounadi E., *Physica Medica* vol. XV, N.3, page 174, 1999
- "Uptake of <sup>99m</sup>TC-Tetrofosmin in Sarcoma Kaposi", Shina I., Stergopoulou Xr., Kounadi E., Fountos G., Zioga A., Agnantis N. And Xatzis I., *Physica Medica* vol. XV, N.3, page 210, 1999"
- "Reflex Sympathetic Dystrophy Syndrome: Diagnosis and Follow up Treatment", Fountos G., Schina I., Disnitsas L., Kounadi E., and Papadopoulos G, *E J Nucl Med* Vol. 28/8, page 1185, 1999.
- "Structural Alterations in Rat Skin and Bone Collagen Fibrils Induced by Ovariectomy", Kafantari H., Kounadi E., Fatouros M., Milonakis M. and Tzaphlidou M., *Bone*, 2000, Vol. 26, No. 4, pages:349-353.
- "Bone Ca/P ratio: A new window for Assessment", Fountos G., Tzaphlidou M., Kounadi E., Glaros D., Yasumura S. *Published by Springer Verlag New York, Inc. Editor Richard N. Pierson, Jr., M.D.* ISBN10: 0387951202, ISBN13: 9780387951201, Pub. Date: 12/1/2000.

- "Value of thyroglobulin to I-131 uptake ratio in selection of initial therapy dose of I-131 in patients with differentiated thyroid carcinoma", Zerva C., Koutsikos J., Palestidis C., Kounadi E., Gerali S., Q. J. *Nucl. Med. Mol. Imaging*, 2006, 50:348-354.
- "Assessment of Image Quality in SPECT Systems via the implementation of a novel flood source" G. Fountos, A. Zanglis, C. Michail, I. Kalatzis, D. Cavouras, A. Samartzis, E. Kounadi, P. Valsamaki, M. Liaskos, S. Gerali, G. Nikiforidis and I. Kandarakis, , In the proceedings of the 3rd International Conference on Experiments/Process/System Modeling/Simulation & Optimization, 3nd IC-EpsMsO, Athens, 8-11 July, 2009, 5 pages.
- "The use of Modulation Transfer Function as an overall quality control parameter in PET/CT" A. Samartzis, G. Fountos, I. Kalatzis, C. Michail, A. Zanglis, D. Cavouras, I. Datseris, E. Kounadi, D. Vattis, I. Kandarakis and G. Nikiforidis, In the proceedings of the 3rd International Conference on Experiments/Process/System Modeling/Simulation & Optimization, 3nd IC-EpsMsO, Athens, 8-11 July, 2009, 6 pages.
- "Assessment of Image Quality in SPECT Systems via the Implementation of a Novel Flood Source Technique" G. Fountos, A. Zanglis, C. Michail, I. Kalatzis, D. Cavouras, A. Samartzis, E. Kounadi, P. Valsamaki, S. Gerali, G. Nikiforidis and I. Kandarakis, WC 2009, IFMBE Proceedings 25/II, PP, 802-805, 2009.
- "A novel method for the MTF determination in PET/CT scanners" A. Samartzis, G. Fountos, I. Kalatzis, C. Michail, A. Zanglis, D. Cavouras, I. Datseris, E. Kounadi, D. Vattis, I. Kandarakis and G. Nikiforidis, WC 2009, IFMBE Proceedings 25/II, PP. 802-805, 2009.
- "A novel method for the MTF determination in PET/CT scanners" A. Samartzis, G. Fountos, I. Kalatzis, C. Michail, A. Zanglis, D. Cavouras, I. Datseris, E. Kounadi, D. Vattis, I. Kandarakis and G. Nikiforidis, WC 2009, IFMBE Proceedings 25/II, pp. 841-844, 2009, (Eds) O. Dossel and W.C. Schegel.
- "**The use of Modulation Transfer Function as an Overall Quality Control parameter in PET/CT**", A. Samartzis, G. Fountos, I. Kalatzis, C. Michail, A. Zanglis, D. Cavouras, I. Datseris, E. Kounadi, D. Vattis, I. Kandarakis and G. Nikiforidis issue: 2, :, 2010, e-Journal of Science and Technology, page 41-48"
- "Image Quality Assesment in Pet/CT Imaging", Petrakis E., Oganetsian G., Samartzis A., Fountos G., Michail G., Kalantzis I., Kandarakis I., Kounadi E., Oikonomou G., Nikiforidis G., WC 2010, IFMBE Proceedings I, PP. 320-323, 2010"
- "Image quality Assesment in SPECT Imaging", Koukou B., Martini N., Fountos G., Samartzis A., Michail G., Kalantzis I., Kandarakis I., Kounadi E., Oikonomou G., Nikiforidis G., WC 2010, IFMBE Proceedings I, PP. 324-328, 2010.
- "Increased Breast Density Correlates with the Proliferation-Seeking Radiotracer 99m-Tc(V)-DMSA Uptake in Florid Epithelial Hyperplasia and Mixed Ductal Carcinoma In Situ with Invasive Carcinoma or in Mild Epithelial Hyperplasia?", V. Papantoniou, P. Valsamaki, E. Sotiropoulou, A. Tsaroucha, S. Tsouris, M. Sotiropoulou, S. Marinopoulos, E. Kounadi, T. Karianos, A. Fotiadaki, Ai. Archodaki, K. Syrgiannis, N. Ptohis, N. Makris, G. Limouris and A. Antsaklis, Molecular Imaging, 2010"
- "The Contribution of Ultra Sound Gestational Control after 32th week in prevention of perinatal mortality" M. Adamopoulou, E. kounadi, P. Sakellariou, M. Rekkas and M. Sampatakakis, e-journal of Science &Technology (e-JST), Jule 2013"
- Digital Imaging Detector Coupled to Structured CsI Scintillators for Medical Imaging Applications" . C. M. Michail, I.G. Valais, I. E. Seferis, F. Stromatia, E. Kounadi, G. P. Fountos and I. S. Kandarakis, Experimental Evaluation of a High Resolution CMOS XIII Mediterranean Conference on Medical and Biological Engineering and Computing-MEDICON 25-28 September Sevilla Spain 2013.
- "Calcification Detection Optimization in Dual Energy Mammography: Influence of the X-ray spectra", V. Koukou, N. Martini, G. Fountos, P. Sotiropoulou, C. Michail, I. Valais, E. Kounadi, I. Kandarakis and G. Nikiforidis XIII Mediterranean Conference on Medical and Biological Engineering and Computing-MEDICON 25-28 September Sevilla Spain 2013.
- G. Fountos, A. Zanglis, C. Michail, I. Kalatzis, D. Cavouras, A. Samartzis, E. Kounadi, P. Valsamaki, S. Gerali, G. Nikiforidis and I. Kandarakis, Assessment of Image Quality in SPECT Systems via the Implementation of a Novel Flood Source Technique, World Congress on Medical Physics and Biomedical Engineering, September 7 - 12, 2009, Munich, Germany IFMBE Proceedings, 2009, Volume 25/2
- A. Samartzis, G. Fountos, I. Kalatzis, C. Michail, A. Zanglis, D. Cavouras, I. Datseris, E. Kounadi, D. Vattis, I. Kandarakis and G. Nikiforidis, A novel method for the MTF determination in PET/CT scanners, World Congress on Medical Physics and Biomedical Engineering, September 7 - 12, 2009, Munich, Germany IFMBE Proceedings, 2009, Volume 25/2

- E. Petrakis, G. Ogkanesian, A. Samartzis, G. Fountos, C. Michail, I. Kalatzis, I. Kandarakis, **E. Kounadi**, G. Oikonomou and G. Nikiforidis, Image quality Assessment in PET/CT Imaging, 4<sup>th</sup> International Conference "From Scientific Computing to Computational Engineering, 4<sup>th</sup> IC-SCCE Athens, 7-10 July, **2010**
- Samartzis, G. Fountos, I. Kalatzis, C. Michail, A. Zanglis, D. Cavouras, I. Datseris, **E. Kounadi**, D. Vattis, I. Kandarakis and G. Nikiforidis (2010) The use of Modulation Transfer Function as an Overall Quality Control parameter in PET/CT. **e-Journal of Science & Technology**, (e-JST)5(2):41-48.
- G. Fountos, A. Zanglis, C. Michail, I. Kalantzis, A. Samartzis, D. Cavouras, **E. Kounadi**, P. Valsamaki, I. Kandarakis, S. Gerali and G. Nikiforidis (2010) A novel flood source used for the MTF determination in SPECT systems **e-Journal of Science & Technology**, (e-JST)5(2):1-6
- A. Samartzis, G. P. Fountos, C. M. Michail, A. Zanglis, V. Koukou, N. Martini, **E. Kounadi**, N. Kalyvas, I. S. Kandarakis and G. Nikiforidis, Comparison of the Image Quality Metrics Performance in PET and SPECT Imaging Systems, IEEE Nuclear Science Symposium and Medical Imaging Conference, Valencia, Spain 23-29 October 2011
- C. M. Michail, I. G. Valais, I. E. Seferis, F. Stamatia, **E. Kounadi**, G. P. Fountos and I. S. Kandarakis, Experimental Evaluation of a High Resolution CMOS Digital Imaging Detector Coupled to Structured CsI Scintillators for Medical Imaging Applications, XIII Mediterranean Conference on Medical and Biological Engineering and Computing - MEDICON 25-28 September Sevila Spain 2013
- V. Koukou, N. Martini, G. Fountos, P. Sotiropoulou, C. Michail, I. Valais, **E. Kounadi**, I. Kandarakis and G. Nikiforidis, Calcification Detection Optimization in Dual Energy Mammography: Influence of the X-ray spectra, XIII Mediterranean Conference on Medical and Biological Engineering and Computing - MEDICON 25-28 September Sevila Spain 2013
- Alexandros P. Samartzis, George P. Fountos, Ioannis S. Kandarakis, **Evangelia P. Kounadi**, Emmanuel N. Zoros, Evangelia Skoura, PhD, Ioannis E. Datseris, PhD, George H. Nikiforides. A robust method, based on a novel source, for performance and diagnostic capabilities assessment of the positron emission tomography system. *Hell J Nucl Med* 2014; 17(2): 97-105.
- V. Koukou, N. Martini, G. Fountos, P. Sotiropoulou, C. Michail, I. Valais, **E. Kounadi**, I. Kandarakis and G. Nikiforidis, Calcification Detection Optimization in Dual Energy Mammography: Influence of the X-ray spectra, XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013 | FMBE Proceedings Volume 41, 2014, pp 459-462
- P Sotiropoulou, V Koukou, N Martini, C Michail, **E Kounadi**, I Kandarakis, G Nikiforidis and G Fountos, Estimation of bone Calcium-to-Phosphorous mass ratio using dual-energy nonlinear polynomial functions (2015) *J. Phys.: Conf. Ser.* 633 012126.SJRCites/doc (2014): 0.265.
- “A new approach in dual energy mammography using an active pixel CMOS detector», V.Koukou, N. Martini, P. Sotiropoulou, C. Michail, I. Kandarakis, A. Bakas, E. Kounadi et. al., *Physica Medica*
- “Radiopharmaceuticals: Transportation, distribution and purchase prices in Greece», A. Tsamadou, E. Kounadi et. al., *Physica Medica*
- “S.E.YY.P. inspections related with radiology departments-laboratories for the improvement of public health in Greece», E. Kounadi, I. Manousopoulou, N. Kallitsantsis et. al., *Physica Medic*
- “Bloodless measurement of hematocrit», M. Adamopoulou, G. Fountos, E. Kounadi et. al., *Physica Medica*

#### Acknowledgements

- “Imaging in situ breast carcinoma (with or without an invasive component) with technetium-99m pentavalent dimercaptosuccinic acid and technetium-99m 2-methoxy isobutyl isonitrile scintimammography », Papantinou V., Tsiouris S., Mainta E., Valotasiou V., Souvatzoglou M., Sotiropoulou M., Nakopoulou L., Lazaris D., Louvrou A., Melissinou M., Tzannetaki A., Pirmettis I., Koutsikos J. and Zerva C., *Breast Cancer Research*, 2004, Vol 7, No 1, R33-R45.”

## Publications in conference proceedings

- «Comparison of two commercially available hybrid PET-CT scanners by using a novel method for image quality assessment», A. Samartzis, C. Michail, G. Fountos, A. Zanglis, I. Kalantzis, D. Cavouras, I. Datseris, E. **Kounadi**, L. Papaspyprou, I. S. Kandarakis, G. Nikiforidis, Annual Congress of the European Association of Nuclear Medicine (EANM) 2009, Austria Center Vienna, **OP 125**.
- "Assessment of Image Quality in SPECT Systems via the implementation of a novel flood source" G. Fountos, A. Zanglis, C. Michail, I. Kalatzis, D. Cavouras, A. Samartzis, **E. Kounadi**, P. Valsamaki, M. Liaskos, S. Gerali, G. Nikiforidis and I. Kandarakis, , 3rd International Conference on Experiments/Process/System Modeling/Simulation & Optimization, 3rd IC-EpsMsO, Athens, 8-11 July, 2009.
- "The use of Modulation Transfer Function as an overall quality control parameter in PET/CT" A. Samartzis, G. Fountos, I. Kalatzis, C. Michail, A. Zanglis, D. Cavouras, I. Datseris, **E. Kounadi**, D. Vattis, I. Kandarakis and G. Nikiforidis, , 3rd International Conference on Experiments/Process/System Modeling/Simulation & Optimization, 3rd IC-EpsMsO, Athens, 8-11, July, 2009.
- "Assessment of Image Quality in SPECT Systems via the Implementation of a Novel Flood Source Technique" G. Fountos, A. Zanglis, C. Michail, I. Kalatzis, D. Cavouras, A. Samartzis, **E. Kounadi**, P. Valsamaki, S. Gerali, G. Nikiforidis and I. Kandarakis, 11th International Congress of the IUPESM MEDICAL PHYSICS AND BIOMEDICAL ENGINEERING WORLD CONGRESS 2009 September 7-12 Munich/Germany, 02/05. 5.
- "A novel method for the MTF determination in PET/CT scanners" A. Samartzis, G. Fountos, I. Kalatzis, C. Michail, A. Zanglis, D. Cavouras, I. Datseris, **E. Kounadi**, D. Vattis, I. Kandarakis and G. Nikiforidis, , accepted for publication in **11th International Congress of the IUPESM MEDICAL PHYSICS AND BIOMEDICAL ENGINEERING WORLD CONGRESS 2009 September 7-12 Munich/Germany**
- "Comparison of two commercially available hybrid PET-CT scanners by using a novel method for image quality assessment" A. Samartzis, C. Michail, G. Fountos, A. Zanglis, I. Kalantzis, D. Cavouras, I. Datseris, **E. Kounadi**, L. Papaspyprou, I. S. Kandarakis, G. Nikiforidis, Annual Congress of the European Association of Nuclear Medicine EANM' 09
- "Relationship of neoangiogenesis with beast density and calcitonin gene related peptide in invasive ductal associated with in situ and in pure invasive carcinoma. Correlation with Tc-99m (V)DMSA uptake.", Papantoniou, V., Tsaroucha, A., Marinopoulos, S., Sotiropoulou, E., Valsamaki, P., Photis, N., Fothiadaki, A., Karianos, T., **Kounadi, E.**, Antsaklis, A., *Breast Cancer Symposium, San Francisco, California, USA, October 2009.*
- The use of Modulation Transfer Function as an overall quality control parameter in PET/CT" A. Samartzis, G. Fountos, I. Kalatzis, C. Michail, A. Zanglis, D. Cavouras, I. Datseris, **E. Kounadi**, D. Vattis, I. Kandarakis and G. Nikiforidis. 3rd International Conference on Experiments/Process/System Modeling/Simulation & Optimization, 3rd IC-EpsMsO, Athens, 8-11, July, 2009.
- "Image Quality Assessment in SPECT Systems using a novel flood source" G. Fountos, A. Zanglis, C. Michail, I. Kalatzis, D. Cavouras, A. Samartzis, **E. Kounadi**, P. Valsamaki, S. Gerali, G. Nikiforidis and I. Kandarakis, , 3rd International Conference on Experiments/Process/System Modeling/Simulation & Optimization, 3rd IC-EpsMsO, Athens, 8-11 July, 2009
- "A novel method to determine the detective quantum efficiency (DQE) in PET/CT scanners" A. Samartzis, G. Fountos, C. Michail, **E. Kounadi**, I. Datseris, I. Kandarakis and G. Nikiforidis, 89, 14th International Workshop on Radiation Imaging Detectors 1-5 July 2012 Figueira da Foz, Coimbra, Portugal.
- "The Contribution of Ultra Sound Gestational Control after 32th Week in Prevention of Perinatal Mortality" M. Adamopoulou, **E. Kounadi**, P. Sakellariou, M. Rekkas and M. Sampatakakis. Bio-Medical Instrumentation and related Engineering and Physical Sciences, 6 July 2012, Athens Greece
- "Rare Side Effects of Spinal Cord Neurostimulator", **E. Kounadi**, M. Adamopoulou, E. Ventouras, P. Sakellariou, M. Rekkas and M. Sampatakakis. Bio-Medical Instrumentation and related Engineering and Physical Sciences, 6 July 2012, Athens Greece
- "The Supremacy of DEXA Method in Osteoporosis Diagnosis" M. Adamopoulou, P. Sakellariou, **E. Kounadi**, I Manousopoulou, A. Tsamadou, M. Rekkas, S. Evangelatos and S. Sampatakakis. 2<sup>nd</sup> International Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences, 21-22 June 2013, Athens Greece
- "Safe Handling of Cytostatic Drugs-Standards of Practice and Appropriate Equipment", S. Evangelatos, I Manousopoulou, **E. Kounadi**, M. Adamopoulou, M. Rekkas. and C. Sampatakaki. 2<sup>nd</sup>

International Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences, 21-22 June 2013, Athens Greece

- "Hospital Waste Incinerators within the Hospital", I. Manousopoulou, **E. Kounadi**, M. Adamopoulou, M. Rekkas, S. Evangelatos and S. Sampatakakis. 2<sup>nd</sup> International Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences, 21-22 June 2013, Athens Greece.
- "The Contribution of Electroacupuncture on Improving Musculoskeletal Injuries" M. Adamopoulou, **E. Kounadi**, P. Sakellariou, , I Manousopoulou, A. Tsamadou, M. Rekkas. S. Evangelatos and C. Sampatakaki. 2<sup>nd</sup> International Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences, 21-22 June 2013, Athens Greece
- "Repeated Failure of Biomaterials in Patient of 50 Years Old (Clinical Case)" M. Adamopoulou, **E. Kounadi**, P. Sakellariou, , I Manousopoulou, A. Tsamadou, M. Rekkas. S. Evangelatos and C. Sampatakaki. 2<sup>nd</sup> International Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences, 21-22 June 2013, Athens Greece
- "The Contribution of MRI in Diagnosis of Uterine Rupture" M. Adamopoulou, A. Tsamadou, **E. Kounadi**, P. Sakellariou, , I. Manousopoulou, M. Rekkas. S. Evangelatos and C. Sampatakaki. 2<sup>nd</sup> International Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences, 21-22 June 2013, Athens Greece.
- "Calcification Detection Optimization in Dual Energy Mammography: Influence of the X-ray spectra", V. Koukou, N. Martini, G. Fountos, P. Sotiropoulou, C. Michail, I. Valais, **E. Kounadi**, I. Kandarakis and G. Nikiforidis, , XIII Mediterranean Conference on Medical and Biological Engineering and Computing - MEDICON 25-28 September Sevila Spain 2013.
- "A new approach in dual energy mammography using an active pixel CMOS detector», V. Koukou, N. Martini, P. Sotiropoulou, C. Michail, I. Kandarakis, A. Bakas, **E. Kounadi** et. al., 8<sup>th</sup> European Conference on Medical Physics, 11-13, September 2014, Athens.
- "Radiopharmaceuticals: Transportation, distribution and purchase prices in Greece», A. Tsamadou, **E. Kounadi** et. al., 8<sup>th</sup> European Conference on Medical Physics, 11-13, September, 2014, Athens.
- "S.E.Y.Y.P. inspections related with radiology departments-laboratories for the improvement of public health in Greece», **E. Kounadi**, I. Manousopoulou, N. Kallitsantis et. al., 8<sup>th</sup> European Conference on Medical Physics, 11-13, September 2014, Athens.
- "The intervention of Health and Welfare Inspector for purchasing PET/CT Scanners at public hospitals in Greece», **E. Kounadi**, M. Adamopoulou, A. Triantafillidou, V. Vigklis, S. Evangelatos, Conference of Biomedical Instrumentation and related Engineering and Physical Sciences, Athens.
- "CT exams in Greece for the years 2012 and 2013», **E. Kounadi**, M. Adamopoulou, H. Merentitis, V. Vigklis, S. Evangelatos, Conference of Biomedical Instrumentation and related Engineering and Physical Sciences, Athens 10-20 June 2015.
- "Panagiota Sotiropoulou, Vaia Koukou, Niki Martini, Christos Michail, **Evangelia Kounadi**, Ioannis Kandarakis, George Nikiforidis, George Fountos, Estimation of bone Calcium-to-Phosphorous mass ratio using dual-energy nonlinear polynomial functions, 4th International Conference on Mathematical Modeling in Physical Sciences, June 5-8, 2015, Mykonos, Greece.
-