



APPLIED RADIATION AND ISOTOPES

A journal of nuclear and radiation techniques and their applications in the physical, chemical, biological, medical, earth, planetary, environmental, security and engineering science.

AUTHOR INFORMATION PACK

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DESCRIPTION

Applied Radiation and Isotopes provides a high quality medium for the publication of substantial, original and scientific and technological papers on the development and applications of nuclear, radiation and radionuclide techniques in chemistry, physics, biochemistry, biology, medicine, security, engineering and in the earth, planetary and environmental sciences. Nuclear techniques are defined in the broadest sense and both experimental and theoretical papers are welcome. They include the development and use of α - and β -particles, X-rays and γ -rays, neutrons and other nuclear particles and radiations from all sources, including radionuclides, synchrotron sources, cyclotrons and reactors and from the natural environment.

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Nuclear logging; geological elemental analysis; nuclear techniques in the oil industry; nuclear data for borehole logging and mineral analysis

Ion Stamatelatos, National Centre for Scientific Research "Demokritos", Athens, Greece

Development of nuclear analytical methods for applications in technology and biomedicine; neutronics, medical physics and radiation protection

Ferenc Szelecsényi, Hungarian Academy of Sciences, Debrecen, Hungary

Production of radioactive isotopes with charged particle accelerators including PET; SPECT and therapeutically relevant isotopes; production related nuclear data measurement and evaluation; radiochemistry including automation of medical radioisotope production

James Tickner, Chrysos Corporation, Urrbrae, South Australia, Australia

Nuclear instrumentation (especially fast neutrons); X-rays and gamma-rays

Meera Venkatesh, International Atomic Energy Agency (IAEA), Vienna, Austria

Radiochemistry; radionuclide production; radiopharmaceuticals; radiometric assays

GUIDE FOR AUTHORS

INTRODUCTION

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Web References

Dadachova, E., Smith, S.V., Mirzadeh, S., 1996. Electrolytic reduction of carrier-free rhenium-188. *Appl. Radiat. Isot.* 47 (3), 289-292.

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