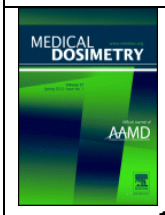
THE UNIVERSITY OF WESTERN AUSTRALIA | MEDICAL PHYSICS RESEARCH GROUP

Impact factors and ranks of selected journals in the Medical Physics field of study.

 **Impact Factor: 3.9,** Q1	***International Journal of Radiation Oncology Biology Physics (IJROBP),*** Known in the field as the Red Journal, offers authoritative articles linking new research and technologies to clinical applications. Original contributions by leading scientists and researchers include but are not limited to experimental studies of combined modality treatment, tumor sensitization and normal tissue protection, molecular radiation biology, particle irradiation, brachytherapy, treatment planning, tumor biology, and clinical investigations of cancer treatment that include radiation therapy. Technical advances related to dosimetry and conformal radiation treatment planning are also included.
 **Impact Factor: 5.7,** Q1	***Radiotherapy and Oncology*** Publishes papers describing original research as well as review articles. It covers areas of interest relating to radiation oncology. This includes: clinical radiotherapy, combined modality treatment, experimental work in radiobiology, chemobiology, hyperthermia and tumour biology, as well as physical aspects relevant to oncology, particularly in the field of imaging, dosimetry and radiation therapy planning. Papers on more general aspects of interest to the radiation oncologist including chemotherapy, surgery and immunology are also published. Papers are accepted on a worldwide basis.
 **Impact Factor: 4.5,** Q1	***Medical Physics ('The International Journal of Medical Physics')*** Is our flagship publication with authors and subscribers throughout the world. It is available in print and online through individual and library subscriptions. Subscription provides online access and sophisticated search capability through the entire journal archive at no additional charge. RSS feeds from Medical Physics provide notification of new articles published in selected topical areas regardless of subscription. **USA**
 **Impact Factor: 3.9,** Q1	***Physics in medicine and biology*** Topics covered are: all areas of radiotherapy physics; radiation dosimetry (ionizing and non-ionizing radiation); biomedical imaging (e.g. x-ray, MR, ultrasound, optical, nuclear medicine); image reconstruction and kinetic modelling; image analysis and computer-aided detection; other radiation medicine applications; therapies (including non-ionizing radiation); biomedical optics; radiation protection; radiobiology; body composition
 **Impact Factor: 1.3,** Q3	***Medical Dosimetry,*** The official journal of the American Association of Medical Dosimetrists, is the key source of information on new developments for the medical dosimetrist. Practical and comprehensive in coverage, the journal features original contributions and review articles by medical dosimetrists, oncologists, physicists, and radiation therapy technologists on clinical applications and techniques of external beam, interstitial, intracavitary and intraluminal irradiation in cancer management. Articles dealing primarily with physics will be reviewed by a specially appointed team of experts in the field. **USA**
Impact Factor: 3.9, Q1	***Radiation Oncology,*** $2790 Is an open access, peer-reviewed online journal that encompasses all aspects of research that impacts on the treatment of cancer using radiation. It publishes findings in molecular and cellular radiation biology, radiation physics, radiation technology, and clinical oncology. **United Kingdom**
 Impact factor: **3.3,** Q2	***British Journal of Radiology,*** It is a multidisciplinary journal covering all clinical and technical aspects of diagnostic imaging, radiotherapy and oncology, medical physics and radiobiology. The multidisciplinary approach of the journal enables readers to keep up-to-date with developments in their own as well as related fields. Articles included in *BJR* cover a wide range of subjects, including diagnostic radiology, radiotherapy, oncology, nuclear medicine, ultrasound, radiation physics, radiation protection and radiobiology.

by P. Rowshanfarzad

Impact Factor: 3.5,
Q2

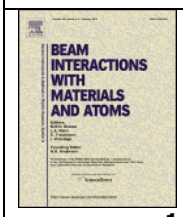
Medical and Biological Engineering and Computing

Medical & Biological Engineering & Computing, MBEC, is the official journal of the International Federation of Medical and Biological Engineering, IFMBE.
MBEC covers the entire spectrum of biomedical and clinical engineering. The journal aims to present exciting and vital experimental and theoretical developments in biomedical science and technology and to report on advances in computer-based methodologies in these multidisciplinary subjects. The journal also strives to incorporate new and emerging fields including cellular engineering, molecular imaging, and evolving technologies.
MBEC publishes Original Research Articles as well as Reviews and Technical Notes. The Rapid Communications category focuses on material that will be of immediate value to the readership, while the Controversies section provides a forum to exchange views on selected issues thereby stimulating a vigorous and informed debate in this exciting and high profile field. The functionality of theoretical and mathematical models should wherever possible be assessed using biological or clinical data. The Editor in Chief, Deputy Editor and Associate Editors have backgrounds in Biomedical Engineering, Physics, Biology and Medicine. In combination with Springer's outstanding editorial expertise, MBEC ensures an expert and rapid route to publication of your submissions. **Germany**

Impact Factor: 1.4,
Q2

Applied Radiation and Isotopes

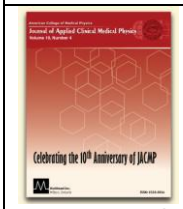
Provides a high quality medium for the publication of substantial, original and scientific and technological papers on the development and applications of nuclear, radiation and radionuclide techniques in chemistry, physics, biochemistry, biology, medicine, engineering and in the earth, planetary and 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. Nuclear magnetic resonance and electron spin resonance are important technologies within the scope of *Applied Radiation and Isotopes*. Papers dealing with radiation processing, or the biological , chemical or physical effects of radiation are not appropriate for publication in *Applied Radiation and Isotopes*. Manuscripts dealing with radiation processing, or the chemical or physical effects of radiation should be directed to our sister journal *Radiaton Physics and Chemistry*.
Manuscripts describing the results of measurements of radioactive or other substances in any medium that have been obtained using well-established analytical methods will not be accepted unless they also describe substantial innovations or improvements in the analytical methodology. Relevant topics for *Applied Radiation and Isotopes* include the following, however, authors are encouraged to suggest other topics which might also be published in the journal. **United Kingdom**



Impact Factor: 1.4
Q2

Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms

This journal covers all aspects of the interaction of energetic beams with atoms, molecules and aggregate forms of matter. This includes ion beam analysis and ion beam modification of materials as well as basic data of importance for these studies. Topics of general interest include: atomic collisions in solids, particle channelling, all aspects of collision cascades, the modification of materials by energetic beams, ion implantation, irradiation - induced changes in materials, the physics and chemistry of beam interactions and the analysis of materials by all forms of energetic radiation. Modification by ion, laser and electron beams for the study of electronic materials, metals, ceramics, insulators, polymers and other important and new materials systems are included. Related studies, such as the application of ion beam analysis to biological, archaeological and geological samples as well as applications to solve problems in planetary science are also welcome. Energetic beams of interest include atomic and molecular ions, neutrons, positrons and muons, plasmas directed at surfaces, electron and photon beams, including laser treated surfaces and studies of solids by photon radiation from rotating anodes, synchrotrons, etc. In addition, the interaction between various forms of radiation and radiation-induced deposition processes are relevant. nteractions with Materials and Atoms



Impact Factor: 2.2,
Q2

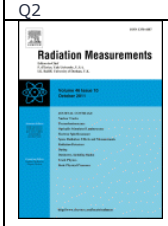
Journal of Applied Clinical Medical Physics

Is an applied journal, publishing papers that will help clinical medical physicists perform their responsibilities more effectively and efficiently, and for the increased benefit of the patient. Manuscripts in clinical practice, administration, regulations, health physics, machine maintenance, etc. will be considered. This journal is published by the American College of Medical Physics. **USA**

Impact Factor: 3.1,
Q2

Physica Medica

Is the official journal of Associazione **Italiana** di Fisica Medica and the European Federation of Organisations for Medical Physics.
Physica Medica, European Journal of Medical Physics, publishing with Elsevier from 2007, provides an international forum for research and reviews on the following main topics:
Medical Imaging
Radiation Therapy
Radiation Protection
Measuring Systems and Signal Processing
Education and training in Medical Physics
Contributions on other topics related to Applications of Physics to Biology and Medicine and in particular related to new emerging fields such as Molecular Imaging, Hadrontherapy, System biology, Nanoparticles and Nanotechnologies, etc. are strongly encouraged.



Impact Factor: 1.6,
Q2

Radiation Measurements

provides a forum for the presentation of the latest developments in the broad field of ionizing radiation detection and measurement and publishes original papers on both fundamental and applied research.
Traditionally the journal has covered methods that comprise solid state nuclear track detectors; spontaneous and stimulated luminescence (including scintillating materials, thermoluminescence, and optically stimulated luminescence); electron spin resonance of natural and synthetic materials; nuclear magnetic resonance (including ferrous sulfate and polymer gels), and superheated emulsions (including superheated drop and bubble detectors). Physics, design and performance of radiation measurements, including computational modelling such as **Monte Carlo simulations**, are of relevance to the journal, as well as studies of energy-transfer phenomena, track physics and microdosimetry. Measurements and calculations of fundamental physical data, such as cross sections, reaction yields and attenuation coefficients, are acceptable within studies of radiation detection and dosimetry.
Applications of interest to the journal are: personal dosimetry (including dosimetric quantities, active/electronic and passive monitoring techniques for photon, neutron and charged-particle exposures); environmental dosimetry (including radon measurements where they introduce methodological advances, predictive models, or detailed and original maps of complete or unusual geographical/geological regions); cosmic and high-energy radiation measurements (including dosimetry, space radiation effects, and single event upsets); dosimetry-based archaeological and geological dating; accident and retrospective dosimetry (including activation detectors). Papers that present novel detection techniques and applications such as illicit radiological and nuclear material detection (including contraband interdiction and safeguards verification) are also sought. Review articles are periodically solicited by the Editors. **United Kingdom**

Impact Factor: 4.6
Q1

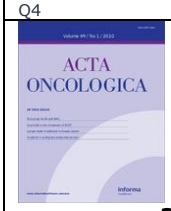
Physical and Engineering Sciences in Medicine

Australasian Physical & Engineering Sciences in Medicine (APESM) is a multidisciplinary forum for information and research on the application of physics and engineering to medicine and biology, that covers a broad range of topics. Recent articles include a tutorial for treatment planning in radiation oncology physics; a spreadsheet for use in Partial Breast Irradiation, employing measurements performed at the time of the planning CT scan; and a paper describing the calibration of hardware modified phones for use in studying the health effects of mobile telephone use. APESM offers original reviews, scientific papers, scientific notes, technical reports, technical notes, educational notes, book reviews and letters to the editor. APESM is the journal of the Australasian College of Physical Scientists and Engineers in Medicine, and also the official journal of the College of Biomedical Engineers, Engineers Australia and the Asia-Oceania Federation of Organizations for Medical Physics.

Impact Factor: **0.4,** Q4

Journal of Radiotherapy in Practice

The Journal of Radiotherapy in Practice is a peer-reviewed journal covering all of the current modalities specific to clinical oncology and radiotherapy. The journal aims to publish research from a wide range of styles and encourage debate and the exchange of information and opinion from within the field of radiotherapy practice and clinical oncology. The journal also aims to encourage technical evaluations and case studies as well as equipment reviews that will be of interest to an international radiotherapy audience. **United Kingdom**



Impact Factor: **3.8, Q1**

Acta Oncologica

Acta Oncologica is the official journal of the five Nordic oncological societies. The members of the editorial committee represent these societies.
Acta Oncologica is a scientific medical journal within clinical oncology and related disciplines. It accepts articles within all fields of clinical cancer research from applied basic research to cancer nursing and psychological aspects of cancer. Articles on tumour pathology, experimental oncology and biology, cancer epidemiology and medical radiophysics are welcomed if they have a clinical aim or interest. Besides submitted specific articles, review articles are published regularly. Special material may also be published as supplements.
It is published by Informa Healthcare.
Manuscripts should be submitted via the online service Manuscript Central
Editor-in-Chief Bengt Glimelius - Uppsala, **Sweden**

Impact Factor: **0.5, Q3**

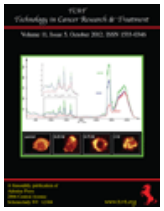
International Journal of Radiation Research (IJRR)

International Journal of Radiation Research (IJRR) publishes original scientific research and clinical investigations related to radiation oncology, radiation biology, and Medical and health physics. The clinical studies submitted for publication include experimental studies of combined modality treatment, especially chemoradiotherapy approaches, and relevant innovations in hyperthermia, brachytherapy, high LET irradiation, nuclear medicine, dosimetry, tumor imaging, radiation treatment planning, radiosensitizers, and radioprotectors. All manuscripts must pass stringent peer-review and only papers that are rated of high scientific quality are accepted.

Impact Factor: **0.75, Q3**

Journal of Medical Physics

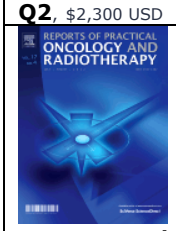
The official journal of Association of Medical Physicists of **India**.
The scope of this journal covers all aspects of the application of radiation physics to biological sciences, radiotherapy, radiodiagnosis, nuclear medicine, dosimetry, radiation standards and radiation protection. Papers / manuscripts on radiobiology, pertaining to cancer therapy also fall within the scope of the journal. Apart from the original research work, papers which are of practical importance to medical physicists e.g., those dealing with novelty in practices (performance and quality assurance tests, clinical investigations and follow-ups), radiation accidents and emergencies are also published in the journal. Reviews of other publications (e.g., ICRP / ICRU reports) also find place in the journal. Manuscripts with no or oblique relevance to the scope may not find a place.



Impact Factor: **2.7, Q2**, $2,300 USD

Technology in Cancer Research and Treatment

Technology in Cancer Research and Treatment (TCRT) welcomes manuscripts from active investigators involved in technologies devoted to early diagnosis, treatment, and palliation of cancer. TCRT will include both experimental and theoretical investigations. Among the topics that will be covered are MRI, including functional MRI, spiral CT, PET, optical spectroscopy, computer-aided reconstruction of tumours, computer-aided drug design, stereotactic radiosurgery, cryosurgery, brachytherapy, electroporation, photodynamic therapy, gene therapy, cancer vaccine, proteomics, and genomics, as they impact cancer research and treatment. Special emphasis will be given to non-invasive techniques. TCRT publishes original articles, express communications, opinion pieces, and timely reviews. No case report or a single institute experience will be considered for publication. **USA**



Impact Factor: **1.3** Q3

Reports of Practical Oncology and Radiotherapy

Reports of Practical Oncology and Radiotherapy is an interdisciplinary bimonthly journal, publishing original contributions in clinical oncology and radiotherapy, as well as in radiotherapy physics, techniques and radiotherapy equipment.

Reports of Practical Oncology and Radiotherapy is a journal of the Polish Society of Radiation Oncology, the **Czech** Society of Radiation Oncology, the **Hungarian** Society for Radiation Oncology, the **Slovenian** Society for Radiotherapy and Oncology, the **Polish** Study Group of Head and Neck Cancer, the Guild of **Bulgarian** Radiotherapists and the Greater Poland Cancer Centre, affiliated with the **Spanish** Society of Radiotherapy and Oncology, the **Portuguese** Society of Radiotherapy–Oncology, the **Romanian** Society of Radiotherapy and Medical Oncology, and the **Latin American** Association for Radiation Oncology

Impact Factor: **1.5** Q3

Journal of Medical Imaging and Radiation Oncology

Official Journal of The Royal **Australian** and New Zealand College of Radiologists

United Kingdom

Impact Factor: **1.5,** Q3

Journal of Medical Imaging and Radiation Sciences

Official Journal of the **Canadian** Association of Medical Radiation Technology
The *Journal of Medical Imaging and Radiation Sciences (JMIRS)* is a cutting edge, peer-reviewed journal that accepts manuscripts in all fields of diagnostic imaging and radiation therapies. We provide timely, evidence-based information that helps medical radiation technologists advance quality and innovation in patient care. Mission: The *Journal of Medical Imaging and Radiation Sciences* is committed to the dissemination of knowledge through the publication of scholarly research, primarily in the fields of radiation therapy, radiological technology, magnetic resonance imaging and nuclear medicine.

Impact Factor: **11.1**
Issues per year: 6 Q1

Medical Image Analysis

An official journal of the MICCAI Society
Medical Image Analysis provides a forum for the dissemination of new research results in the field of medical and biological image analysis, with special emphasis on efforts related to the applications of computer vision, virtual reality and robotics to biomedical imaging problems. A bi-monthly journal, it publishes the highest quality, original papers that contribute to the basic science of processing, analysing and utilizing medical and biological images for these purposes. The journal is interested in approaches that utilize biomedical image datasets at all spatial scales, ranging from molecular / cellular imaging to tissue / organ imaging. While not limited to these alone, the typical biomedical image datasets of interest include those acquired from:

- Magnetic resonance
- Ultrasound
- Computed tomography
- Nuclear medicine
- X-ray
- Optical and Confocal Microscopy
- Video and range data images

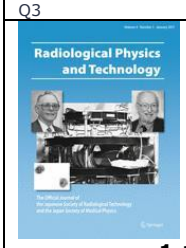
The types of papers accepted include those that cover the development and implementation of algorithms and strategies based on the use of various models (geometrical, statistical, physical, functional, etc.) to solve the following types of problems, using biomedical image datasets: representation of pictorial data, visualization, feature extraction, segmentation, inter-study and inter-subject registration, longitudinal / temporal studies, image-guided surgery and intervention, texture, shape and motion measurements, spectral analysis, digital anatomical atlases, statistical shape analysis, computational anatomy (modelling normal anatomy and its variations), computational physiology (modelling organs and living systems for image analysis, simulation and training), virtual and augmented reality for therapy planning and guidance, telemedicine with medical images, telepresence in medicine, telesurgery and image-guided medical robots, etc.

Impact Factor: **1.8,** Q3

Journal of Medical and Biological Engineering (JMBE)

The purpose of Journal of Medical and Biological Engineering, JMBE, is committed to encouraging and providing the standard of biomedical engineering. The journal is devoted to publishing papers related to clinical engineering, biomedical signals, medical imaging, bio-informatics, tissue engineering, and so on. Other than the above articles, any contributions regarding hot issues and technological developments that help reach the purpose are also included.

Publisher: Biomedical Engineering Society; **Country**: Taiwan



Impact Factor: **1.1, Q2**

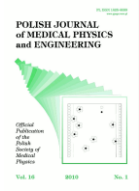
Radiological Physics and Technology

The purpose of the journal Radiological Physics and Technology is to provide a forum for sharing new knowledge related to research and development in radiological science and technology, including medical physics and radiological technology in diagnostic radiology, nuclear medicine, and radiation therapy among many other radiological disciplines, as well as to contribute to progress and improvement in medical practice and patient health care. **Japan**

Impact Factor: **2.6, Q2**

Radiation Physics and Chemistry

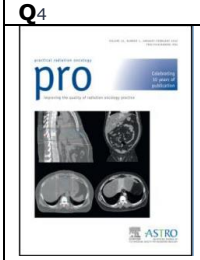
The Journal for Radiation Physics, Radiation Chemistry and Radiation Processing
A multidisciplinary journal linking science and industry
Radiation Physics and Chemistry is a multidisciplinary journal that provides a medium for publication of substantial and original papers, reviews, and short communications which focus on research and developments involving ionizing radiation in radiation physics, radiation chemistry and radiation processing.
The journal aims to publish papers with significance to an international audience, containing substantial novelty and scientific impact. The Editors reserve the rights to reject, with or without external review, papers that do not meet these criteria. This could include papers that are very similar to previous publications, only with changed target substrates, employed materials, analysed sites and experimental methods, report results without presenting new insights and/or hypothesis testing, or do not focus on the radiation effects.
A fuller though not exhaustive list of topics that are considered for publication include:
Radiation Physics



Impact Factor: **0.7, Q**4

Polish Journal of Medical Physics and Engineering

Aims and Scope
Why subscribe and read
Excellent articles authored by researchers from all over the world, who appreciate our fast, fair and constructive peer review
Why submit
Fast, fair and constructive peer review
Rejection Rate
15%

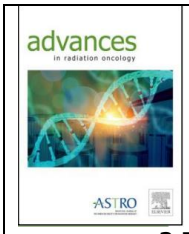


Impact Factor: **2.4,** Q1

Practical Radiation Oncology

An official journal of the **American** Society for Radiation Oncology (*ASTRO*)
The overarching mission of *PRACTICAL RADIATION ONCOLOGY* is to improve the quality of radiation oncology practice. The Journal's purpose is to document the state of current practice, providing background for those in training and continuing education for practitioners, through discussion and illustration of new techniques, evaluation of current practices, and publication of case reports. PRO will strive to provide its readers content that emphasizes knowledge "with a purpose."
The content of *PRO* includes:

- Articles that focus on imaging, contouring, target delineation, simulation, treatment planning, immobilization, organ motion, and other practical issues
- ASTRO guidelines, position papers, and consensus statements Invited commentaries
- "Quality Corner" section focusing on patient safety, quality measurement, or quality improvement initiatives
- Articles on the maintenance of certification process and practice quality improvement initiatives such as ASTRO's PAAROT program "Point/Counterpoint" section with opposing expert views on current topics and controversies
- Articles devoted to professionalism, biomedical ethics, and practice management
- Clinically oriented reviews of cancer biology
- Interesting case reports with pedagogical merit
- ***PRO* is the sister publication to the International Journal of Radiation Oncology • Biology • Physics.**



Impact Factor: **2.7,** Q1, $2000

Advances in Radiation Oncology

The purpose of Advances is to provide information for clinicians who use radiation therapy by publishing: Clinical trial reports and reanalyses. Basic science original reports. Manuscripts examining health services research, comparative and cost effectiveness research, and systematic reviews. Case reports documenting unusual problems and solutions. High quality multi and single institutional series, as well as other novel retrospective hypothesis generating series. Timely critical reviews on important topics in radiation oncology, such as side effects. Articles reporting the natural history of disease and patterns of failure, particularly as they relate to treatment volume delineation. Articles on safety and quality in radiation therapy. Essays on clinical experience. Articles on practice transformation in radiation oncology, in particular: Aspects of health policy that may impact the future practice of radiation oncology. How information technology, such as data analytics and systems innovations, will change radiation oncology practice. Articles on imaging as they relate to radiation therapy treatment.

Impact Factor: **1.5,** Q3

Journal of Cancer Research and Therapeutics

The Journal of Cancer Research and Therapeutics (JCRT), the official publication of Association of Radiation Oncologists of ***India*** (AROI). The JCRT, a quarterly publication, dedicated to basic and clinical sciences in oncology including radiation oncology.
The journal will cover technical and clinical studies related to health, ethical and social issues in field of Medical oncology, radiation oncology, medical imaging, radiation protection, non-ionising radiation, radiobiology. Articles with clinical interest and implications will be given preference.

Impact Factor: **2.3,** Q2

Journal of Radiation Research

- The *Journal of Radiation Research (JRR)* is an official journal of The **Japan** Radiation Research Society (JRRS), and the Japanese Society for Therapeutic Radiology and Oncology (JASTRO).

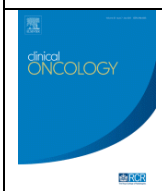
  Since its launch in 1960 as the official journal of the JRRS, the journal has published scientific articles in radiation science in biology, chemistry, physics, epidemiology, and environmental sciences. *JRR* broadened its scope to include oncology in 2009, when JASTRO partnered with the JRRS to publish the journal.

  The journal is bimonthly, and is edited and published by the *JRR* Editorial Committee.

Impact Factor: **2.3,** Q2

Japanese Journal of Radiology

Japanese Journal of Radiology is a peer-reviewed journal, officially published by the Japan Radiological Society. The main purpose of the journal is to provide a forum for the publication of papers documenting recent advances and new developments in the field of radiology in medicine and biology. The scope of Japanese Journal of Radiology encompasses but is not restricted to diagnostic radiology, interventional radiology, radiation oncology, nuclear medicine, radiation physics, and radiation biology. Additionally, the journal covers technical and industrial innovations. The journal welcomes original articles, case reports, technical notes, review articles, pictorial essays and letters to the editor. The journal also provides announcements from the boards and the committees of the society. Membership in the Japan Radiological Society is not a prerequisite for submission. Contributions are welcomed from all parts of the world.



Impact Factor: **2.4,** Q1

Clinical Oncology

Clinical Oncology is an official Journal of the Royal College of Radiologists. It provides essential reading for all those with an active interest in the treatment of cancer and its multidisciplinary approach allows readers to keep up-to-date with developments in their own as well as related fields.
*The Journal features papers on all types of malignant disease including pathology, diagnosis and therapy, including radiotherapy, and systemic treatment. (**United Kingdom**)*

Impact Factor: **2.3,** Q1

Radiation Research

*The official journal of the Radiation Research Society, publishes original and review articles dealing with radiation effects and related subjects in the areas of physics, chemistry, biology and medicine, including epidemiology and translational research. The term radiation is used in its broadest sense and includes specifically ionizing radiation and ultraviolet, visible and infrared light as well as microwaves, ultrasound and heat. Effects may be physical, chemical or biological. Related subjects include (but are not limited to) **dosimetry** methods and instrumentation, isotope techniques and studies with chemical agents contributing to the understanding of radiation effects. **(United States)***

Impact Factor: **3.4,** **Q1,** **$100**

Korean Journal of Radiology

The inaugural issue of the Korean J Radiol came out in March 2000. Our journal aims to produce and propagate knowledge on radiologic imaging and related sciences.

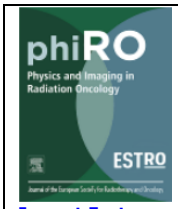
A unique feature of the articles published in the Journal will be their reflection of global trends in radiology combined with an East-Asian perspective. Geographic differences in disease prevalence will be reflected in the contents of papers, and this will serve to enrich our body of knowledge.

Impact Factor: **2.1,** **Q2**

Radiation Oncology Journal

*The Radiation Oncology Journal (ROJ) is an official journal of The **Korean** Society for Radiation Oncology. It was launched in 1983 as the official journal of The Korean Society of Therapeutic Radiology. It was changed in 2000 as the official journal of The Korean Society for Therapeutic Radiology and Oncology and finally in 2011 as ROJ. It encompasses all areas of radiation oncology that impacts on the treatment of cancer using radiation as well basic experimental work relating radiation oncology and health policy. It publishes papers describing clinical radiotherapy, combined modality therapy, radiation biology, cancer biology, radiation informatics and new technology including particle therapy.*

***Korean** Society for Therapeutic Radiology and Oncology*



Impact Factor: **2.7,** Q1, $1,750

Physics and Imaging in Radiation Oncology

Physics and Imaging in Radiation Oncology is an international, open access journal which is focused on medical physics and imaging in radiation oncology. Submissions from areas related to physics and imaging in radiation oncology are also considered. The journal publishes original research articles, review articles, short communications, technical notes, case series and reports, and correspondence.

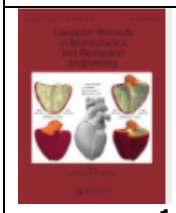
Impact Factor: **1.7,** Q1, EUR 1490

Technical Innovations and Patient Support in Radiation Oncology

*Technical Innovations & Patient Support in Radiation Oncology is an international, **open access journa**l which brings together technology and patient care in the field of radiation oncology. The journal encompasses all topics of importance to radiation therapists, nurses and allied health professionals, including:*

** Treatment planning and workflows, * Treatment delivery, * **Treatment verification**, * Patient care, * Supportive care, * Psycho-oncology*
** Education and training, * Patient advocacy, * Policy development and management, * Patient reported outcome measures, * Risk management, * **Radiotherapy quality management and control**, * Radiotherapy audit, * Radiotherapy workflow management*
** Personalisation*

The journal publishes original research articles, case reports, practice development and health evaluation articles, review articles, short communications, technical notes, case series and reports, and correspondence.



Impact Factor: **1.2,** Q2, $500

Computer Methods in Biomechanics and Biomedical Engineering

The primary aim of Computer Methods in Biomechanics and Biomedical Engineering (CMBBE) is to provide a means of communicating the advances being made in the area of computational biomechanics and biomedical engineering with the emphasis being placed on biomechanics.
Topics covered include the computational aspects of:

- *Mechanics of biological tissue, organ systems and biomaterials*
- *Material identification and inverse problems*
- *Human body movement, motion analysis and impact*
- *Cell mechanics, mechanotransduction, and computational mechanobiology*
- *Computer assisted surgery and simulation*
- *Biofluids and hemodynamics*
- *Modelling, design and assessment of medical devices and implants*
- *Application of imaging in biomechanics*
- *Joint and ligament mechanics*
- *Multiscale and multiphysics modelling*

Impact Factor: **5,** Q1

Zeitschrift fur Medizinische Physik

(Journal of Medical Physics) is an official organ of the **German and Austrian** *Society of Medical Physic and the Swiss Society of Radiobiology and Medical Physics.The Journal is a platform for basic research and practical applications of physical procedures in medical diagnostics and therapy. The articles are reviewed following international standards of peer reviewing.*
Focuses of the articles are:

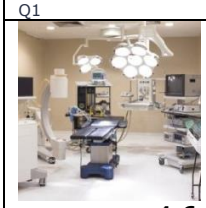
- *Biophysical methods in radiation therapy and nuclear medicine*
- *Dosimetry and radiation protection*
- *Radiological diagnostics and quality assurance*
- *Modern imaging techniques, such as computed tomography, magnetic resonance imaging, positron emission tomography*
- *Ultrasonography diagnostics, application of laser and UV rays*
- *Electronic processing of biosignals*

In the Journal, the latest scientific insights find their expression in the form of original articles, reviews, technical communications, and information for the clinical practice.

Impact Factor: **2.2,** Q1

Strahlentherapie und Onkologie,

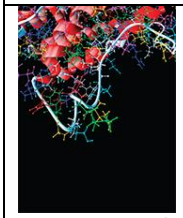
published monthly, is a scientific journal that covers all aspects of oncology with focus on radiooncology, radiation biology and radiation physics. The articles are not only of interest to radiooncologists but to all physicians interested in oncology, to radiation biologists and radiation physicists. The journal publishes original articles, review articles and case studies that are peer-reviewed. It includes scientific short communications as well as a literature review with annotated articles that inform the reader on new developments in the various disciplines concerned and hence allow for a sound overview on the latest results in radiooncology research.
***German**. All articles have English summaries and legends. The journal is the official publication of several scientific radiooncological societies and publishes the relevant communications of these societies.*



Impact Factor: **1.6**
Issues per year: Q3
€1584.00

Medical Devices: Evidence and Research

An international, peer-reviewed, open access journal that focuses on the evidence, technology, research, and expert opinion supporting the use and application of medical devices in the diagnosis, monitoring, treatment and management of clinical conditions and physiological processes.
This journal is a member of and subscribes to the principles of the Committee on Publication Ethics (COPE).
Aims and Scope:
Medical Devices: Evidence and Research is an international, peer-reviewed, open access journal that focuses on the evidence, technology, research, and expert opinion supporting the use and application of medical devices in the diagnosis, monitoring, treatment and management of clinical conditions and physiological processes. The journal is characterized by the rapid reporting of reviews, original research and clinical studies across all disease areas and clinical situations. This journal will provide an evidence-based resource for the development and use of medical devices in such areas as surgery and anesthesia, instrumentation (diagnostics and analytics), active and non-active implantable technology, dental and ophthalmic applications, and drug delivery. The identification of novel devices and optimal use of existing devices which will lead to improved clinical outcomes and more effective patient management and safety is a key feature of the journal. ISSN: 11791470, ***Country**: New Zealand*

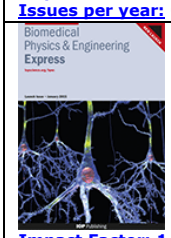
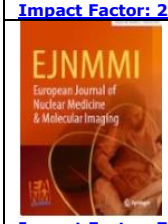
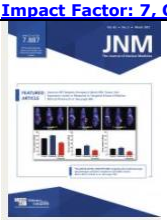
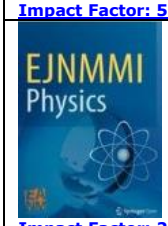


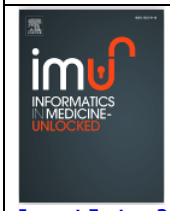
Impact Factor: **2.4,** Q2

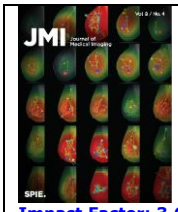
Computational and Mathematical Methods in Medicine

***Computational and Mathematical Methods in Medicine** is a peer-reviewed, open access journal that publishes research and review articles focused on the application of mathematics to problems arising from the biomedical sciences. Areas of interest include gene therapy, cell kinetics, pharmacokinetics, chemotherapy, oncology, developmental biology, wound healing, physiology, heart modelling, cardiovascular and lung dynamics, neurobiology, computational neuroscience, biomechanics, biomedical statistics, image analysis, epidemiology, immunology, time series analysis, extracellular matrix properties and signalling, and tissue engineering.*
***Country**: United States*

$1500

frontiers in Oncology Impact Factor: **5.4,** Q1	***Frontiers in Oncology*** ***Frontiers in Oncology*** *is an open-access journal that aims at publishing the best research across the entire field of oncology. The journal welcomes outstanding contributions in any domain of cancer research: from basic laboratory research to clinical investigation, from prevention to treatment, and from imaging studies to novel treatment strategies.* *Country:* ***Switzerland*** **$2950**
 Impact Factor: **3.1,** Q2 **$2522**	***BioMed Research International*** *BioMed Research International publishes original research articles, review articles, and clinical studies covering a wide range of subjects within the biomedical sciences. The journal will accept both basic and translational research.*
 **$3280.00** Impact Factor: Issues per year: 0, Q4	***Journal of Radiation Oncology*** *is an international interdisciplinary journal that publishes original research, clinical investigations, review articles, editorial comments, and other scientific articles relating to radiation oncology. It aims to be a forum for collaboration and knowledge exchange in the management of cancer using radiation therapy.* *Journal of Radiation Oncology is the official journal of the* ***Americal College of Radiation Oncology*** *(ACRO).* *The scope of the journal includes: clinical research into any form of radiotherapy including but not limited to external beam irradiation, brachytherapy, particle radiation therapy, intraoperative radiation therapy and stereotactic radiosurgery/radiotherapy, as well as experimental work in radiobiology, tumor biology, radiation physics, dosimetry, and radiation treatment planning.* *Research or review papers of high quality that provide new knowledge on patient care and technological developments are particularly welcomed. Papers on topics associated with radiation oncology, including palliative treatment, quality-of-life issues, chemotherapy, and surgery, are also published.* ***Readership:*** *Journal of Radiation Oncology is of interest to radiation oncologists, medical oncologists, surgical oncologists, medical dosimetrists, radiation physicists, radiation biologists, radiation therapists, oncology nurses, palliative care specialists, and radiologists, as well as others interested in the management of cancer.*
 Impact Factor: 1.4, Q3	***Biomedical Physics & Engineering Express*** *A broad, inclusive, rapid review journal devoted to publishing new research in all areas of biomedical engineering, biophysics and* ***medical physics****. The journal has a special emphasis on interdisciplinary work between these fields, and is published in an online only format. Characterized by article length flexibility, a broad geographical coverage and a fast-track peer-review process, areas of interest include all aspects of biomedical engineering, biophysics and* ***medical physics****; however, papers that are almost entirely clinical or biological in their approach are not acceptable. The journal has a special emphasis on interdisciplinary work and bringing research fields together, encompassing experimental, theoretical and computational work.* *As a service to authors, the Editorial Board is committed to personally directing a streamlined peer-review procedure that guarantees both a rapid and fair editorial decision-making process. Every effort will be taken to reach an editorial decision within 28 days of submission on average.****IOP***
 *$2,880* Impact Factor: 2.4, Q2	***Medical Engineering & Physics*** *Medical Engineering & Physics provides a forum for the publication of the latest developments in biomedical engineering, and reflects the essential multidisciplinary nature of the subject. The journal publishes in-depth critical reviews, scientific papers and technical notes. Our focus encompasses the application of the basic principles of physics and engineering to the development of medical devices and technology, with the ultimate aim of producing improvements in the quality of health care. Topics covered include biomechanics, biomaterials, mechanobiology, rehabilitation engineering, biomedical signal processing and medical device development. Medical Engineering & Physics aims to keep both engineers and clinicians abreast of the latest applications of technology to health care.*
 Impact Factor: 7, Q1	***European Journal of Nuclear Medicine and Molecular Imaging*** *The journal remains of primary interest to practitioners in the field of nuclear medicine but also reports on original work relating to physics, dosimetry, radiation biology, radiochemistry and pharmacy. Original material examines the field of molecular imaging probes, reporter gene assays, cell trafficking, targeting of endogenous gene expression and antisense methodologies. The Journal publishes in-depth reviews of topical interest, short communications, controversies, interesting images and letters to the Editor.*
 Impact Factor: 5.5, Q1	***Journal of Nuclear Medicine*** *The Journal of Nuclear Medicine (JNM)—self-published by the Society of Nuclear Medicine and Molecular Imaging (SNMMI), a nonprofit, international scientific and professional organization—offers readers around the globe clinical investigations, basic science reports, continuing education articles, book reviews, employment opportunities, and updates on rapidly changing issues in practice and research.*
 Impact Factor: 2.4, Q1 **$1,990**	***EJNMMI Physics*** *EJNMMI Physics is an international platform for scientists, users and adopters of nuclear medicine with a particular interest in physics matters. As a companion journal to the European Journal of Nuclear Medicine and Molecular Imaging, this journal has a multi-disciplinary approach and welcomes original materials and studies with a focus on applied physics and mathematics as well as imaging systems engineering and prototyping in nuclear medicine. This includes physics-driven approaches or algorithms supported by physics that foster early clinical adoption of nuclear medicine imaging and therapy. EJNMMI Physics publishes original research articles, reviews, case reports, commentaries, and short communications, as well as article types with unique submission criteria, Young Investigator Articles and Teaching Files.*

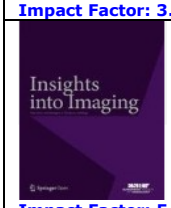
Impact Factor: 4.1, Q1 €1,690	***Scientific Reports (Nature)*** *Aims & scope* *We publish original research from all areas of the natural and clinical sciences. You can learn more about what we publish by browsing our specific scientific subject areas below or exploring Scientific Reports by browsing all articles and collections.*
 Impact Factor: 3.4, Q3 1,500 USD	***Informatics in Medicine Unlocked*** *Informatics in Medicine Unlocked (IMU) is an international gold open access journal covering a broad spectrum of topics within medical informatics, including (but not limited to) papers focusing on imaging, pathology, teledermatology, public health, ophthalmological, nursing and translational medicine informatics. The full papers that are published in the journal are accessible to all who visit the website.*
 Impact Factor: 0.5, Q3 US$ 1,150	***Frontiers in Artificial Intelligence and Applications*** *The book series Frontiers in Artificial Intelligence and Applications (FAIA) covers all aspects of theoretical and applied Artificial Intelligence research in the form of monographs, selected doctoral dissertations, handbooks and proceedings volumes. The FAIA series contains several sub-series, including 'Information Modelling and Knowledge Bases' and 'Knowledge-Based Intelligent Engineering Systems'. It also includes the biennial European Conference on Artificial Intelligence (ECAI) proceedings volumes, and other EurAI (European Association for Artificial Intelligence, formerly ECCAI) sponsored publications. The series has become a highly visible platform for the publication and dissemination of original research in this field. Volumes are selected for inclusion by an international editorial board of well-known scholars in the field of AI. All contributions to the volumes in the series have been peer reviewed.*
 Impact Factor: 3.9, Q1 US$ 2680	***Radiation Oncology*** *Radiation Oncology encompasses all aspects of research that impacts on the treatment of cancer using radiation. It publishes findings in molecular and cellular radiation biology, radiation physics, radiation technology, and clinical oncology. The field of radiation oncology covers the integration of radiation therapy into multimodal treatment approaches. Radiation Oncology provides an open access forum for researchers and clinicians involved in the management and treatment of cancer patients, bringing together the latest research and advances in the field. Advances in treatment technology, as well as improved understanding of the underlying biological resistance mechanisms, will further strengthen the role of radiation oncology.*
 Impact Factor: 1.4, Q2	***Journal of Cancer Research and Therapeutics*** *The journal will cover technical and clinical studies related to health, ethical and social issues in field of Medical oncology, radiation oncology, medical imaging, radiation protection, non-ionising radiation, radiobiology. Articles with clinical interest and implications will be given preference.* ***INDIA***
 Impact Factor: 6.1, Q1	***Cancers*** *Cancers (ISSN 2072-6694) is an international, peer-reviewed open access journal on oncology. It publishes article types including Research Papers, Reviews, Editorials, Communications, etc. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. The full experimental details must be provided so that the results can be reproduced. There is, in addition, a unique feature of this journal: we accept studies showing meaningful but negative results. While there are many journals that focus on cancer studies, none of them actively accepts negative results. As a result, most negative data end up not being in the public domain even if the data were meaningfully negative and the study well designed. By accepting those negative results, our journal encourages scientists to share those data so that they would not need to repeat the experiments that somebody else has already done. We publish high-quality articles including basic, translational, and clinical studies on all tumor types.*
 Impact Factor: 3.9, Q1	***International Journal of Radiation Biology*** *International Journal of Radiation Biology publishes peer reviewed research on the biological effects of all types of radiation including medical application. The journal provides a platform for the study of the biological effects of ionizing, UV and visible radiation, accelerated particles, electromagnetic fields, ultrasound, heat and related modalities. International Journal of Radiation Biology covers topics that range from radiation chemistry to the spectrum of responses of living organisms and underlying mechanisms, including: Genetic abnormalities Repair phenomena Cell death Dose modifying agents Tissue responses The journal addresses research on the application of basic studies for the medical uses of radiation, including practical problems such as physical and chemical adjuvants which improve the effectiveness of radiation in cancer therapy. Papers on the assessment of low doses of radiation hazards are also considered.*
 Impact Factor: 1.3, Q2	***Journal of Radiological Protection*** *Journal of Radiological Protection publishes articles on all aspects of radiological protection, including non-ionising as well as ionising radiations. Fields of interest range from research, development and theory to operational matters, education and training. The very wide spectrum of its topics includes: dosimetry, instrument development, specialized measuring techniques, epidemiology, biological effects (in vivo and in vitro) and risk and environmental impact assessments. The journal encourages publication of data and code as well as results.*
 Impact Factor: 2.2, Q1	***STATISTICS IN MEDICINE*** *The journal aims to influence practice in medicine and its associated sciences through the publication of papers on statistical and other quantitative methods. Papers will explain new methods and demonstrate their application, preferably through a substantive, real, motivating example or a comprehensive evaluation based on an illustrative example. Alternatively, papers will report on case-studies where creative use or technical generalizations of established methodology is directed towards a substantive application. Reviews of, and tutorials on, general topics relevant to the application of statistics to medicine will also be published. The main criteria for publication are appropriateness of the statistical methods to a particular medical problem and clarity of exposition. Papers with primarily mathematical content will be excluded. The journal aims to enhance communication between statisticians, clinicians and medical researchers.*



Impact Factor: 3.6, Q2

Journal of Medical Imaging

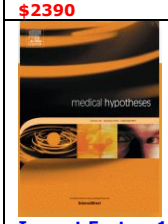
JMI covers fundamental and translational research, as well as applications, focused on medical imaging, which continue to yield physical and biomedical advancements in the early detection, diagnostics, and therapy of disease as well as in the understanding of normal. The scope of JMI includes: Imaging physics, Tomographic reconstruction algorithms (such as those in CT and MRI), Image processing and deep learning, Computer-aided diagnosis and quantitative image analysis, Visualization and modeling, Picture archiving and communications systems (PACS), Image perception and observer performance, Technology assessment, Ultrasonic imaging, Image-guided procedures, Digital pathology, Biomedical applications of biomedical imaging. JMI allows for the peer-reviewed communication and archiving of scientific developments, translational and clinical applications, reviews, and recommendations for the field.



Impact Factor: 5.3, Q1
$2390

Insights into Imaging

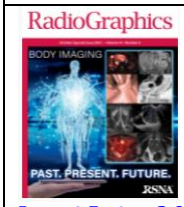
Insights into Imaging is a peer-reviewed, online gold open access journal published under the brand SpringerOpen. Owned by the European Society of Radiology (ESR), Insights into Imaging specializes in critical reviews, guidelines and policy statements, and is dedicated to education and strategies in radiology. It continuously updates scientific and best-practice knowledge in radiology through the publication of original articles and state of the art reviews, opinions, along with recommendations and statements from the leading radiological societies in Europe.



Impact Factor: 1.4, Q3

Medical Hypotheses

Medical Hypotheses is a forum for ideas in medicine and related biomedical sciences. It will publish interesting and important theoretical papers that foster the diversity and debate upon which the scientific process thrives. The Aims and Scope of Medical Hypotheses are no different now from what was proposed by the founder of the journal, the late Dr David Horrobin. In his introduction to the first issue of the Journal, he asks 'what sorts of papers will be published in Medical Hypotheses? and goes on to answer 'Medical Hypotheses will publish papers which describe theories, ideas which have a great deal of observational support and some hypotheses where experimental support is yet fragmentary' Medical Hypotheses was therefore launched, and still exists today, to give novel, radical new ideas and speculations in medicine open-minded consideration, opening the field to radical hypotheses which would be rejected by most conventional journals. Papers in Medical Hypotheses take a standard scientific form in terms of style, structure and referencing. The journal therefore constitutes a bridge between cutting-edge theory and the mainstream of medical and scientific communication, which ideas must eventually enter if they are to be critiqued and tested against observations.



Impact Factor: 3.95,Q1

RadioGraphics

RadioGraphics is a peer-reviewed journal published under the supervision of the Board of Directors of the Radiological Society of North America, Inc. (RSNA), which governs the nature of all materials selected for publication, including advertisements. No responsibility is accepted by the Board or the Editor for opinions expressed by contributors.

Impact Factor: 1.5, Q3
$3025

Journal of Medical Radiation Sciences (JMRS)

Journal of Medical Radiation Sciences (JMRS) is an international and multidisciplinary peer-reviewed journal that accepts manuscripts related to medical imaging / diagnostic radiography, radiation therapy, nuclear medicine, medical ultrasound / sonography, and the complementary disciplines of medical physics, radiology, radiation oncology, nursing, psychology and sociology. Manuscripts may take the form of: original articles, review articles, commentary articles, technical evaluations, case series and case studies. JMRS promotes excellence in international medical radiation science by the publication of contemporary and advanced research that encourages the adoption of the best clinical, scientific and educational practices in international communities. JMRS is the official professional journal of the Australian Society of Medical Imaging and Radiation Therapy (ASMIRT) and the New Zealand Institute of Medical Radiation Technology (NZIMRT).

Impact Factor: 3, Q1
$1,749

PLoS ONE

PLOS ONE welcomes original research submissions from the natural sciences, medical research, engineering, as well as the related social sciences and humanities, including: -Primary research that contributes to the base of scientific knowledge, including interdisciplinary, replication studies, and negative or null results. -Systematic reviews whose methods ensure the comprehensive and unbiased sampling of existing literature. -Submissions describing methods, software, databases, or other tools that meet the journal's criteria for utility, validation and availability. -Qualitative research that adheres to appropriate study design and reporting guidelines.

Impact Factor: 0.96, Q3

Radiation Protection Dosimetry

Radiation Protection Dosimetry covers all aspects of personal and environmental dosimetry and monitoring, for both ionising and non-ionising radiations. This includes biological aspects, physical concepts, biophysical dosimetry, external and internal personal dosimetry and monitoring, environmental and workplace monitoring, accident dosimetry, and dosimetry related to the protection of patients. Particular emphasis is placed on papers covering the fundamentals of dosimetry; units, radiation quantities and conversion factors. Papers covering archaeological dating are included only if the fundamental measurement method or technique, such as thermoluminescence, has direct application to personal dosimetry measurements. Papers covering the dosimetric aspects of radon or other naturally occurring radioactive materials and low level radiation are included. Animal experiments and ecological sample measurements are not included unless there is a significant relevant content reason.

Impact Factor: 1.1, Q3

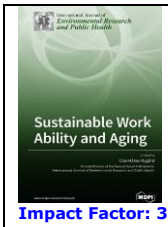
Health Physics

Health Physics, first published in 1958, provides the latest research to a wide variety of radiation safety professionals including health physicists, nuclear chemists, medical physicists, and radiation safety officers with interests in nuclear and radiation science. The Journal allows professionals in these and other disciplines in science and engineering to stay on the cutting edge of scientific and technological advances in the field of radiation safety. The Journal publishes original papers, technical notes, articles on advances in practical applications, editorials, and correspondence. Journal articles report on the latest findings in theoretical, practical, and applied disciplines of epidemiology and radiation effects, radiation biology and radiation science, radiation ecology, and related fields.

Impact Factor: 3.3, Q1
$3450

European Journal of Radiology

European Journal of Radiology is an international journal which aims to communicate to its readers, state-of-the-art information on imaging developments in the form of high quality original research articles and timely reviews on current developments in the field. Its audience includes clinicians at all levels of training including radiology trainees, newly qualified imaging specialists and the experienced radiologist. Its aim is to inform efficient, appropriate and evidence-based imaging practice to the benefit of patients worldwide.



Impact Factor: 3.4, Q2

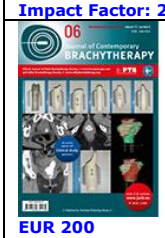
International Journal of Environmental Research and Public Health

*International Journal of Environmental Research and Public Health (IJERPH) (ISSN 1660-4601) is a peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications in the interdisciplinary area of environmental health sciences and public health. It links several scientific disciplines including biology, biochemistry, biotechnology, cellular and molecular biology, chemistry, **computer science**, ecology, engineering, epidemiology, genetics, immunology, microbiology, **oncology**, pathology, pharmacology, and toxicology, in an integrated fashion, to address critical issues related to environmental quality and public health. Therefore, IJERPH focuses on the publication of scientific and technical information on the impacts of natural phenomena and anthropogenic factors on the quality of our environment, the interrelationships between environmental health and the quality of life, as well as the socio-cultural, political, economic, and legal considerations related to environmental stewardship and public health. The primary areas of research interests to the IJERPH include: -Gene-environment interactions -Environmental genomics and proteomics -Environmental toxicology, mutagenesis and carcinogenesis -Environmental epidemiology and disease control -Health risk assessment and management -Ecotoxicology, and ecological risk assessment and management -Natural resources damage assessment -Environmental chemistry and computational modeling -Environmental policy and management -Environmental engineering and biotechnology -Emerging issues in environmental health and diseases -Environmental education and public health.*

Impact Factor: 2.2, Q2

Brachytherapy

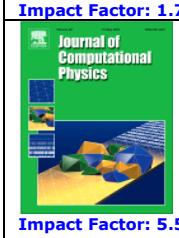
Brachytherapy is an international and multidisciplinary journal that publishes original peer-reviewed articles and selected reviews on the techniques and clinical applications of interstitial and intracavitary radiation in the management of cancers. Laboratory and experimental research relevant to clinical practice is also included. Related disciplines include medical physics, medical oncology, and radiation oncology and radiology. Brachytherapy publishes technical advances, original articles, reviews, and point/counterpoint on controversial issues. Original articles that address any aspect of brachytherapy are invited. Letters to the Editor-in-Chief are encouraged.
https://www.brachyjournal.com/



EUR 200
Impact Factor: 1.7, Q3

Journal of Contemporary Brachytherapy

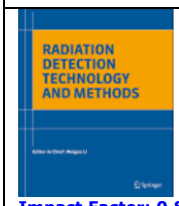
The "Journal of Contemporary Brachytherapy" is an international and multidisciplinary journal that will publish papers of original research as well as reviews of articles. Main subjects of the journal include: clinical brachytherapy, combined modality treatment, advances in radiobiology, hyperthermia and tumour biology, as well as physical aspects relevant to brachytherapy, particularly in the field of imaging, dosimetry and radiation therapy planning. Original contributions will include experimental studies of combined modality treatment, tumor sensitization and normal tissue protection, molecular radiation biology, and clinical investigations of cancer treatment in brachytherapy. Another field of interest will be the educational part of the journal.



Impact Factor: 5.5, Q1

Journal of Computational Physics

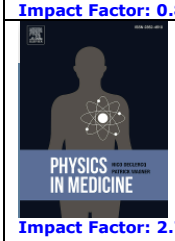
*Journal of Computational Physics has an **open access** mirror journal Journal of Computational Physics: X, sharing the same aims and scope, editorial team, submission system and rigorous peer review. The Journal of Computational Physics focuses on the **computational aspects of physical problems**. JCP encourages original scientific contributions in advanced **mathematical and numerical modeling** reflecting a combination of concepts, methods and principles which are often interdisciplinary in nature and span several areas of physics, mechanics, **applied mathematics, statistics, applied geometry, computer science, chemistry** and other scientific disciplines as well: the Journal's editors seek to **emphasize methods that cross disciplinary boundaries**. The Journal of Computational Physics also publishes short notes of 4 pages or less (including figures, tables, and references but excluding title pages). Letters to the Editor commenting on articles already published in this Journal will also be considered. Neither notes nor letters should have an abstract. Review articles providing a survey of particular fields are particularly encouraged. Full text articles have a recommended length of 35 pages. In order to estimate the page limit, please use our template.*



Impact Factor: 0.8, Q3

Radiation Detection Technology and Methods

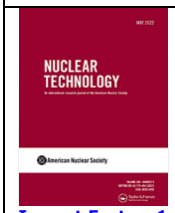
*Radiation detection technology and methods is a peer-reviewed, international and interdisciplinary research journal that focuses on all aspects of **radiation detection technology and methods**. Columns include electronics and system design, computer and control techniques, detection technology and methods, data processing and imaging. It presents an attractive mix of authoritative and comprehensive reviews, original articles on cutting-edge research and brief communications. The journal offers rapid review and publication of articles.*



Impact Factor: 2.7, Q1

Physics in Medicine

The scope of Physics in Medicine consists of the application of theoretical and practical physics to medicine, physiology and biology. Topics covered are: Physics of Imaging Ultrasonic imaging, Optical imaging, X-ray imaging, Fluorescence Physics of Electromagnetics Neural Engineering, Signal analysis in Medicine, Electromagnetics and the nerve system, Quantum Electronics Physics of Therapy, Ultrasonic therapy, Vibrational medicine, Laser Physics, Physics of Materials and Mechanics Physics of impact and injuries, Physics of proteins, Metamaterials, Nanoscience and Nanotechnology, Biomedical Materials, Physics of vascular and cerebrovascular diseases, Micromechanics and Micro engineering, Microfluidics in medicine, Mechanics of the human body, Rotary molecular motors, Biological physics, Physics of bio fabrication and regenerative medicine Physics of Instrumentation Engineering of instruments, Physical effects of the application of instruments, Measurement Science and Technology, Physics of micro-labs and bioanalytical sensor devices, Optical instrumentation, Ultrasound instruments Physics of Hearing and Seeing Acoustics and hearing, Physics of hearing aids, Optics and vision, Physics of vision aids Physics of Space Medicine Space physiology, Space medicine related Physics. **$1500**



Impact Factor: 1.1, Q2

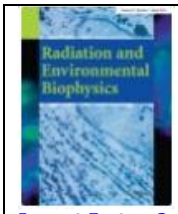
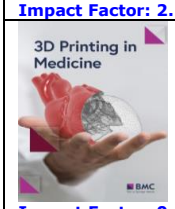
Nuclear Technology

Nuclear Technology aims to be the leading international publication reporting new information in the practical applications of nuclear science and technology. We publish technical papers, technical notes, critical reviews, rapid communications, book reviews, and letters to the editor on all phases of applications of fundamental research to nuclear technology.
We welcome submissions that explore the following topics:
*Nuclear reactor technology, design, operations, safety, thermal hydraulics, instrumentation, neutronics, fuel, licensing, security, economics, and waste management, encompassing both existing and advanced reactors; Design, operation, and economics of fuel cycles and their facilities; Safety and accident analysis; Nonproliferation and verification technology and applications; **Radiation detection and measurement;** Computer applications in the nuclear industry; **Radiation shielding**; Nuclear risk management; Fuel cycle technologies; Radioactive waste disposal; Materials applications in the nuclear industry; Health physics; Isotope production; Medical uses of nuclear science*

Impact Factor: 8.8, Q1

International Journal of Extreme Manufacturing

The International Journal of Extreme Manufacturing is a multidisciplinary journal uniquely covering the areas related to extreme manufacturing. The journal is devoted to publishing original articles and reviews of the highest quality and impact in the areas related to extreme manufacturing, ranging from fundamentals to process, measurement, and systems, as well as materials, structures, and devices with extreme functionalities.

 **Impact Factor: 2.1, Q2**	***Radiation and Environmental Biophysics*** *This journal is devoted to fundamental and applied issues in radiation research and biophysics. The topics may include: Biophysics of ionizing radiation: **radiation physics and chemistry**, **radiation dosimetry, radiobiology**, radioecology, biophysical foundations of medical applications of radiation, and radiation protection. **Biological effects of radiation**: experimental or theoretical work on molecular or cellular effects; relevance of biological effects for risk assessment; biological effects of **medical applications of radiation**; relevance of radiation for biosphere and in space; modelling of ecosystems; modelling of transport processes of substances in biotic systems. Risk assessment: epidemiological studies of cancer and non-cancer effects; **quantification of risk including exposures to radiation** and confounding factors Contributions to these topics may include theoretical-mathematical and experimental material, as well as description of new techniques relevant for the study of these issues. They can range from complex radiobiological phenomena to issues in health physics and environmental protection.*
 **Impact Factor: 0, Q0**	***3D Printing in Medicine*** *3D Printing in Medicine publishes 3D printing innovation that impact medicine. Authors can communicate and share Standard Tessellation Language (STL) and related files via the journal. In addition to publishing techniques and trials that will advance medicine with 3D printing, the journal covers "how to" papers to provide a forum for translating applied imaging science.*
Impact Factor: 3.9, Q2	***Diagnostics*** *Diagnostics (ISSN 2075-4418) is an international scholarly open access journal on medical diagnostics. It publishes original research articles, reviews, communications and short notes on the research and development of medical diagnostics. There is no restriction on the length of the papers. Our aim is to encourage scientists to publish their experimental and theoretical research in as much detail as possible. Full experimental and/or methodological details must be provided for research articles. Scope: • molecular diagnostics • nuclear medicine • medical imaging • biomarkers • clinical decision support systems • lab-on-a-chip • microfluidics • novel diagnostic devices*
 **Impact Factor: 2.8, Q1**	***Nuclear Engineering and Technology*** *Nuclear Engineering and Technology (NET), an international journal of the **Korean Nuclear Society** (KNS), publishes peer-reviewed papers on original research, ideas and developments in all areas of the field of nuclear science and technology. NET bimonthly publishes original articles, reviews, and technical notes. The journal is listed in the Science Citation Index Expanded (SCIE) of Thomson Reuters. NET covers all fields for peaceful utilization of nuclear energy and radiation as follows: 1) Reactor Physics 2) Thermal Hydraulics 3) Nuclear Safety 4) Nuclear I&C 5) Nuclear Physics, Fusion, and Laser Technology 6) Nuclear Fuel Cycle and Radioactive Waste Management 7) Nuclear Fuel and Reactor Materials 8) Radiation Application 9) Radiation Protection 10) Nuclear Structural Analysis and Plant Management & Maintenance 11) Nuclear Policy, Economics, and Human Resource Development*