

Table of Contents

International Journal of Biomedical and Clinical Engineering

Volume 9 • Issue 1 • January-June-2020 • ISSN: 2161-1610 • eISSN: 2161-1629

Research Articles

- 1 **Development of an Affordable Myoelectric Hand for Transradial Amputees**
Alok Prakash, Indian Institute of Technology, BHU, Varanasi, India
Shiru Sharma, Indian Institute of Technology, BHU, Varanasi, India

- 16 **Breast Cancer Lesion Detection From Cranial-Caudal View of Mammogram Images Using Statistical and Texture Features Extraction**
Kavya N, Center for Imaging Technologies, M.S Ramaiah Institute of Technology, Bengaluru, India
Sriram N, Center for Imaging Technologies, M.S Ramaiah Institute of Technology, Bengaluru, India
Usha N, Center for Imaging Technologies, M.S Ramaiah Institute of Technology, Bengaluru, India
Bharathi Hiremath, Dept of Surgery, M.S Ramaiah Medical College and Hospital, Bengaluru, India
Anusha Suresh, Dept of Radiology, M.S Ramaiah Medical College and Hospitals, Bengaluru, India
Sharath D, Center for Imaging Technologies, M.S Ramaiah Institute of Technology, Bengaluru, India
Venkatraman B, Health, Safety and Environmental Group, IGCAR Kalpakkam, India
Menaka M, Health, Safety and Environmental Group, IGCAR Kalpakkam, India

- 33 **Innovative Hospital Management: Tracking of Radiological Protection Equipment**
Holger Fritzsche, Otto-von-Guericke-Universität Magdeburg, Magdeburg, Germany
Elmer Jeto Gomes Ataide, Otto-von-Guericke-Universität Magdeburg, Magdeburg, Germany
Afshan Bi, Otto-von-Guericke-Universität Magdeburg, Magdeburg, Germany
Rohit Kalva, Otto-von-Guericke-Universität Magdeburg, Magdeburg, Germany
Sandeep Tripathi, Otto-von-Guericke-Universität Magdeburg, Magdeburg, Germany
Axel Boese, Otto-von-Guericke- Universität Magdeburg, Magdeburg, Germany
Michael Friebe, Otto-von-Guericke-Universität Magdeburg, Magdeburg, Germany
Tim Gonschorek, Otto-von-Guericke-Universität Magdeburg, Magdeburg, Germany

- 48 **Role of Acoustic Properties in Biomedical Active Noise Control**
Sajil C. K., University of Kerala, Thiruvananthapuram, India
Achuthsankar S. Nair, University of Kerala, Thiruvananthapuram, India

COPYRIGHT

The **International Journal of Biomedical and Clinical Engineering (IJBC)** (ISSN 2161-1610; eISSN 2161-1629), Copyright © 2020 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Biomedical and Clinical Engineering* is indexed or listed in the following: Cabell's Directories; Google Scholar; INSPEC; MediaFinder; ProQuest Biological Science Journals; ProQuest Engineering Journals; ProQuest Illustrata: Natural Science; ProQuest Illustrata: Technology; ProQuest Natural Sciences Journals; ProQuest SciTech Journals; ProQuest Technology Journals; The Standard Periodical Directory