



**healthcare**

IMPACT  
FACTOR  
**2.4**

Indexed in:  
**PubMed**

CITESCORE  
**3.5**

*Special Issue Reprint*

## **Information Technologies Applied on Healthcare**

[www.mdpi.com/books/reprint/9273](http://www.mdpi.com/books/reprint/9273)

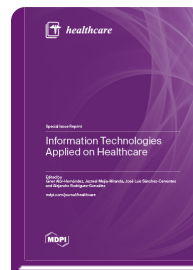
Edited by

Giner Alor-Hernández

Jezreel Mejía-Miranda

José Luis Sánchez-Cervantes

Alejandro Rodríguez-González



ISBN 978-3-7258-1127-4 (Hardback)

ISBN 978-3-7258-1128-1 (PDF)

By the year 2030, it is expected that young people will use e-health services more, and emergent technologies, including Artificial Intelligence, Big Data, the Web, IoT Technologies, and mobile devices, as well as governmental policies, will play a crucial role in successfully delivering relevant data to health professionals, thereby allowing them to obtain information and advice that benefit health consumers.

This Special Issue collects and consolidates innovative and high-quality research contributions regarding Information Technologies Applied on Healthcare to different disciplines and its challenges such as the following: the systematization and standardization of healthcare information systems, the detection of diseases at early stages, open healthcare data, integrated health services, cybersecurity and data protection in healthcare, interoperability data health, information technologies in healthcare, human–computer interaction (HCI) in healthcare, intelligent medical devices and smart technologies, artificial intelligent techniques applied to healthcare, digital healthcare, telehealth (telemonitoring for diseases, remote consultation, and remote education and support), prognosis, diagnosis and treatment in healthcare, big data analytics for healthcare, computer games for healthcare, m-Health, smart technologies for healthcare, predictive modeling and analytics for healthcare, computer vision in healthcare, and healthcare decision support systems.



Order Your Print Copy

You can order print copies at

[www.mdpi.com/books/reprint/9273](http://www.mdpi.com/books/reprint/9273)

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



## Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



## Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



## High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



## High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



## Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.