


Artificial Intelligence on Medical Data pp 223–230

[Home](#) > [Artificial Intelligence on Medical Data](#) > Conference paper

Effective and Secure Transmission of Health Information Using Advanced Morphological Component Analysis and Image Hiding

[Binay Kumar Pandey](#) , [Digvijay Pandey](#), [Vinay Kumar Nassa](#), [Shaji George](#), [Bashiru Aremu](#), [Pankaj Dadeech](#) & [Ankur Gupta](#)

Conference paper | [First Online: 24 July 2022](#)

309 Accesses | **17** Citations

Part of the [Lecture Notes in Computational Vision and Biomechanics](#) book series (LNCVB, volume 37)

Abstract

The using morphological component analysis, deep learning, and steganography, this study examines the secure transmission, identification, and validation of textual pictures via this Internet of Things-based channel. To extract characteristics from text-based pictures, morphological component analysis is utilised. Each of these traits has a distinct morphological component. Without losing visual

Shaji George

Department of Information and Communication Technology, Crown University, Int'l. Chartered Inc. (CUICI) Argentina Campus, South America, Santa Cruz, Argentina

[View author publications](#)

You can also search for this author in

[PubMed](#) | [Google Scholar](#)