

## **A Survey on Bio-inspired Computing for Medical Image Analysis**

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### **ABSTRACT**

Bio-inspired computing, in particular swarm intelligence and immune computing have considerably turn out a method for inspecting medical images. This paper explores the important bio-inspired algorithms pertinent to study of medical image and some contributions to the field. The paper represents the survey of bio-inspired computing for medical image classification, feature selection, segmentation, registration, detection and other tasks. We end with proposed methodology and new set of algorithms for efficient analysis of medical image.