Research Article

**The QRS complex detection using morphological filtering**

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This article presents a method of QRS complex detection and more precisely the R wave in an electrocardiogram (ECG) based on the mathematics morphology which calls upon the four operators’ morphology, erosion, dilation, opening and closing. These operators are combined with a window relocated which is called the structuring element. Morphological filtering uses the st ...

Abstract View | Full Article View | DOI: 10.17352/abse.000011

Review Article

**3D Bioprinting: An attractive alternative to traditional organ transplantation**

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3D bioprinting is computer-aided technology used to generate 3D models of organs. Employing this technique, organ and tissues are generated according to the patient body. 3D structures are formed by the deposition of bioink. ...

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