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Authors:

Ranjitha. M

G. M Nasira

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Abstract

Identifying Renal Calculi is a major challenge in medical field. Many researchers have worked on different methods to identify the renal calculi from scanned images like Ultra sound, CT, MRI etc. The objective of this paper is to analyze different approaches suggested to detect renal calculi using various techniques. Existing literatures that have discussed the various approaches of detecting renal calculi from scanned images, categorizing them according to the methodology were reviewed. Algorithms for identifying renal calculi from Shadow, Seeded Growing Methods, Watershed Methods, Spatial gray level dependence Method and a Combinational Approach (CANR) with their advantages and limitations is discussed. CANR is compared with other methods and its performance is analyzed.

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