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Titolo	Image Processing in Diabetic Related Causes [[electronic resource]] / by Amit Kumar, Fahimuddin Shaik
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ISBN	981-287-624-3
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (60 p.)
Collana	SpringerBriefs in Forensic and Medical Bioinformatics, , 2196-8845
Disciplina	620
Soggetti	Biomedical engineering Diabetes Optical data processing Health informatics Bioinformatics Biomedical Engineering and Bioengineering Computer Imaging, Vision, Pattern Recognition and Graphics Health Informatics Computational Biology/Bioinformatics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction to Diabetes Related Causes and Overview of Image Processing Methods -- Importance of Image Processing -- Image Processing Methods Utilized -- Forecasting of Diabetic Cardiomyopathy -- Diabetic Retinopathy: Detection of Exudates and Glaucoma -- Diabetic Myonecrosis -- Conclusion.
Sommario/riassunto	This book is a collection of all the experimental results and analysis carried out on medical images of diabetic related causes. The experimental investigations have been carried out on images starting from very basic image processing techniques such as image enhancement to sophisticated image segmentation methods. This book is intended to create an awareness on diabetes and its related causes and image processing methods used to detect and forecast in a very simple way. This book is useful to researchers, Engineers, Medical Doctors and Bioinformatics researchers.

