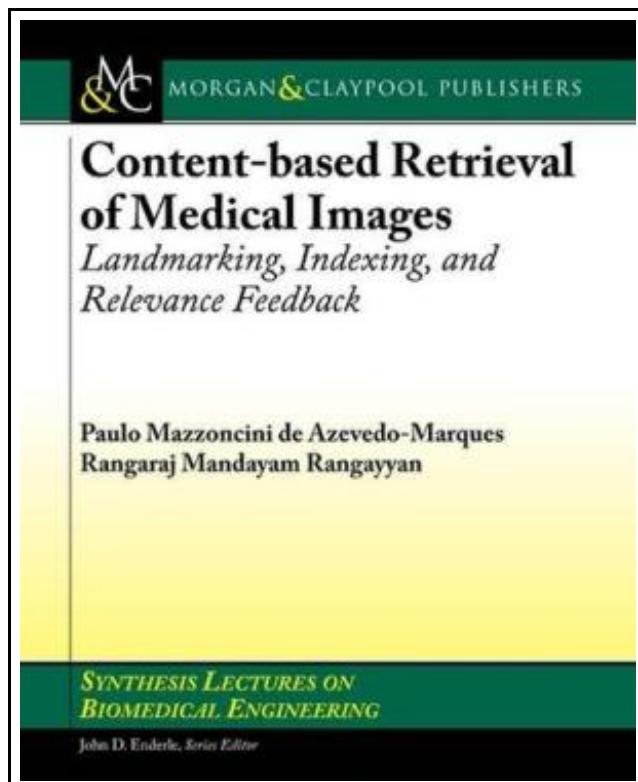


## Content-Based Retrieval of Medical Images: Landmarking, Indexing, and Relevance Feedback (Paperback)



Filesize: 9.73 MB

### Reviews

*Undoubtedly, this is the greatest job by any author. It is actually filled with wisdom and knowledge I am quickly could get a pleasure of reading a written book.*  
*(Kade Ankunding)*

**CONTENT-BASED RETRIEVAL OF MEDICAL IMAGES: LANDMARKING, INDEXING, AND RELEVANCE FEEDBACK (PAPERBACK)****DOWNLOAD**

Morgan Claypool, United States, 2013. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book. Content-based image retrieval (CBIR) is the process of retrieval of images from a database that are similar to a query image, using measures derived from the images themselves, rather than relying on accompanying text or annotation. To achieve CBIR, the contents of the images need to be characterized by quantitative features; the features of the query image are compared with the features of each image in the database and images having high similarity with respect to the query image are retrieved and displayed. CBIR of medical images is a useful tool and could provide radiologists with assistance in the form of a display of relevant past cases. One of the challenging aspects of CBIR is to extract features from the images to represent their visual, diagnostic, or application-specific information content. In this book, methods are presented for preprocessing, segmentation, landmarking, feature extraction, and indexing of mammograms for CBIR. The preprocessing steps include anisotropic diffusion and the Wiener filter to remove noise and perform image enhancement. Techniques are described for segmentation of the breast and fibroglandular disk, including maximum entropy, a moment-preserving method, and Otsu's method. Image processing techniques are described for automatic detection of the nipple and the edge of the pectoral muscle via analysis in the Radon domain. By using the nipple and the pectoral muscle as landmarks, mammograms are divided into their internal, external, upper, and lower parts for further analysis. Methods are presented for feature extraction using texture analysis, shape analysis, granulometric analysis, moments, and statistical measures. The CBIR system presented provides options for retrieval using the Kohonen self-organizing map and the k-nearest-neighbor method. Methods are described for inclusion of expert knowledge to reduce the semantic gap...

[\*\*Read Content-Based Retrieval of Medical Images: Landmarking, Indexing, and Relevance Feedback \(Paperback\) Online\*\*](#)[\*\*Download PDF Content-Based Retrieval of Medical Images: Landmarking, Indexing, and Relevance Feedback \(Paperback\)\*\*](#)

## Related PDFs

---



### **The Birds Christmas Carol (Paperback)**

BOOK JUNGLE, United States, 2009. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Kate Douglas Wiggin was an American children s author and educator. She...

[Download Document »](#)

---



### **The Flag-Raising (Paperback)**

BOOK JUNGLE, United States, 2010. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Kate Douglas Wiggin was an American children s author and educator. She...

[Download Document »](#)

---



### **Homespun Tales (Paperback)**

BOOK JUNGLE, United States, 2009. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Kate Douglas Wiggin was an American children s author and educator. She...

[Download Document »](#)

---



### **ESV Study Bible, Large Print**

CROSSWAY BOOKS, United States, 2014. Leather / fine binding. Book Condition: New. Large Print. 257 x 190 mm. Language: English . Brand New Book. The ESV Study Bible, Large Print edition transforms the content of...

[Download Document »](#)

---



### **Mother Stories (Paperback)**

Bluewater Publications, United States, 2010. Paperback. Book Condition: New. Sarah Noble- Ives (illustrator). 235 x 191 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.I have endeavored to write, for mothers and dear...

[Download Document »](#)



**Do Monsters Wear Undies Coloring Book: A Rhyming Children s Coloring Book (Paperback)**

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. Mark Smith (illustrator). 279 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.A #1 Best Selling Children s Book

[Save PDF »](#)



**Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625) (Paperback)**

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you

[Save PDF »](#)



**Write Better Stories and Essays: Topics and Techniques to Improve Writing Skills for Students in Grades 6 - 8: Common Core State Standards Aligned (Paperback)**

Createspace Independent Publishing Platform, United States, 2012. Paperback. Book Condition: New. 277 x 211 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Mr. George Smith, a children s book author, has been

[Save PDF »](#)



**No Friends?: How to Make Friends Fast and Keep Them (Paperback)**

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Do You Have NO Friends ? Are you tired of not having any

[Save PDF »](#)



**Pilgrim: Book 8 (Paperback)**

CHURCH HOUSE PUBLISHING, United Kingdom, 2015. Paperback. Book Condition: New. 206 x 144 mm. Language: English . Brand New Book. Pilgrim is a teaching and discipleship resource from the Church of England that helps enquirers

[Save PDF »](#)