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Titolo	Medical Image Computing and Computer-Assisted Intervention -- MICCAI 2013 [[electronic resource]] : 16th International Conference, Nagoya, Japan, September 22-26, 2013, Proceedings, Part II // edited by Kensaku Mori, Ichiro Sakuma, Yoshinobu Sato, Christian Barillot, Nassir Navab
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Descrizione fisica	1 online resource (XXXVIII, 718 p. 306 illus.)
Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 8150
Disciplina	006.6 006.37
Soggetti	Optical data processing Pattern recognition Computer graphics Artificial intelligence Radiology Health informatics Image Processing and Computer Vision Pattern Recognition Computer Graphics Artificial Intelligence Imaging / Radiology Health Informatics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Registration and atlas construction -- Microscopy, histology, and computer-aided diagnosis -- Motion modeling and compensation -- Segmentation -- Machine learning, statistical modeling, and atlases -- Computer-aided diagnosis and imaging biomarkers -- Physiological modeling, simulation, and planning -- Microscope, optical imaging,

and histology -- Cardiology -- Vasculatures and tubular structures -- Brain segmentation and atlases -- Functional MRI and neuroscience applications.

Sommario/riassunto

The three-volume set LNCS 8149, 8150, and 8151 constitutes the refereed proceedings of the 16th International Conference on Medical Image Computing and Computer-Assisted Intervention, MICCAI 2013, held in Nagoya, Japan, in September 2013. Based on rigorous peer reviews, the program committee carefully selected 262 revised papers from 789 submissions for presentation in three volumes. The 86 papers included in the second volume have been organized in the following topical sections: registration and atlas construction; microscopy, histology, and computer-aided diagnosis; motion modeling and compensation; segmentation; machine learning, statistical modeling, and atlases; computer-aided diagnosis and imaging biomarkers; physiological modeling, simulation, and planning; microscope, optical imaging, and histology; cardiology; vasculatures and tubular structures; brain segmentation and atlases; and functional MRI and neuroscience applications.
