

1. Record Nr.	UNISA996466329903316
Titolo	Functional Imaging and Modeling of the Heart [[electronic resource]] : 10th International Conference, FIMH 2019, Bordeaux, France, June 6–8, 2019, Proceedings // edited by Yves Coudière, Valéry Ozenne, Edward Vigmond, Nejib Zemzemi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-21949-6
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XVII, 435 p. 230 illus., 186 illus. in color.)
Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 11504
Disciplina	611.12
Soggetti	Optical data processing Computer science—Mathematics Numerical analysis Artificial intelligence Computer communication systems Image Processing and Computer Vision Math Applications in Computer Science Numeric Computing Artificial Intelligence Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Electrophysiology: Mapping and biophysical modelling -- Novel imaging tools and analysis methods for myocardial tissue characterization and remodeling -- Biomechanics: Modeling and tissue property measurements -- Advanced cardiac image analysis tools for diagnostic and interventions.
Sommario/riassunto	This book constitutes the refereed proceedings of the 10th International Conference on Functional Imaging and Modeling of the Heart, held in Bordeaux, France, in June 2019. The 46 revised full papers were carefully reviewed and selected from 50 submissions. The focus of the papers is on following topics: Electrophysiology: mapping

and biophysical modelling; Novel imaging tools and analysis methods for myocardial tissue characterization and remodeling; Biomechanics: modeling and tissue property measurements; Advanced cardiac image analysis tools for diagnostic and interventions.
