

1. Record Nr.	UNINA9910133626103321
Titolo	2012 Computing in Cardiology
Pubbl/distr/stampa	[Place of publication not identified], : IEEE, 2012
ISBN	9781467320771 1467320773
Descrizione fisica	1 online resource
Disciplina	616.12
Soggetti	Cardiology Patient monitoring
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	Organizing committee -- Rosanna Degani Young investigator award -- Board of Directors -- [Copyright notice] -- Editor -- [Front matter] -- Index by author -- Index by title words -- Introduction -- Automated evaluation of aortic valve stenosis from phase-contrast magnetic resonance data -- A computational framework for simulating cardiac optogenetics -- Automatic vessel tracking and segmentation using epicardial ultrasound in bypass surgery -- Reservoir computing for extraction of low amplitude atrial activity in atrial fibrillation -- Transformations for estimating body surface potential maps from the standard 12-lead electrocardiogram -- Automatic detection of chest compression pauses using the transthoracic impedance signal.