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Titolo	Atlas of swept source OCT and OCT angiography // Youxin Chen and Xianzhao Peng, editors
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ISBN	981-19-4391-5
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (244 pages)
Disciplina	617.7
Soggetti	Eye - Diseases Optical coherence tomography Optical communications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction to Swept-Source Optical Coherence Tomography -- SS-OCT Image acquisition and analysis -- SS-OCT presentation of normal eye -- Vitreous related disease -- Myopia -- Age-related macular degeneration -- Central Serous chorioretinopathy -- Diabetic retinopathy -- Retinal venous occlusions -- Coats Disease & Macular Telangiectasia type 2 -- Inflammation -- Hereditary chorioretinal dystrophies -- Oncology -- Miscellaneous.
Sommario/riassunto	The aim of this book is to explain this new technology and its advantages over previous imaging devices and to illustrate how it may be used in to define eye diseases, and in their treatment and facilitate treatment options. This atlas introduces the technical principles of SS-OCT imaging, OCTA stratification algorithm, and blood flow quantization. Through a collection of images and annotation of the microstructures of both the normal fundus and diseased eyes (for example, vitreous related disease, retinal diseased and choroidal disease) captured on SS-OCT to deepen the understanding of this new technology, as well as the interpretation of images. This atlas serves as a practical guide and is written for retinal specialist and clinicians with an interest in retinal diseases.

