

1. Record Nr.	UNINA9910483992803321
Autore	Meglinski Igor
Titolo	Shedding the Polarized Light on Biological Tissues / / by Igor Meglinski, Liliya Trifonyuk, Victor Bachinsky, Oleh Vanchulyak, Boris Bodnar, Maxim Sidor, Olexander Dubolazov, Alexander Ushenko, Yurii Ushenko, Irina V. Soltys, Alexander Bykov, Benjamin Hogan, Tatiana Novikova
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
ISBN	981-10-4047-8
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (111 pages)
Collana	SpringerBriefs in Applied Sciences and Technology, , 2191-5318
Disciplina	616.994
Soggetti	Biophysics Medicine - Research Biology - Research Biomedical engineering Radiology Lasers Biomedical Research Biomedical Engineering and Bioengineering Laser
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Methods and means of polarization correlation -- Material and methods -- polarization-inhomogeneous field -- Polarization correlometry -- Multifunctional stocks-correlometry of biological layers -- Main results and conclusions. .
Sommario/riassunto	This book explores the early-stage detection of cancer using polarized light. It discusses the diverse properties of the light (temporal and spatial coherence, polarization, fluorescence, etc.) that can be used non-invasively as an optical technique for recognizing precancerous lesions, which could become a reliable and accurate method for cancer screening. The search for the effective means for cancer screening is of particular interest to scientific and medical communities, because cancer takes its toll around the globe with no respect for age or

gender. Early detection of the disease is a key factor in increasing the survival rate and patients' quality of life.

2. Record Nr.	UNINA9910145216703321
Titolo	Journal of food quality
Pubbl/distr/stampa	Trumbull, CT, : Food & Nutrition Press [Oxford], : Blackwell London, : Hindawi in collaboration with John Wiley & Sons, Inc [Hoboken, NJ], : Wiley
ISSN	1745-4557
Disciplina	664.07
Soggetti	Food industry and trade - Quality control Food Quality control Food Technology - standards Quality Control foods food technology quality control Aliments - Industrie et commerce - Qualite - Controle Aliments Qualite - Controle food Periodical Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

