

1. Record Nr.	UNINA9910481956803321
Titolo	Proceedings of the 8th International Multidisciplinary Conference on Optofluidics (IMCO 2018) // Lei Xu, Lei Zhou, editors
Pubbl/distr/stampa	Singapore : , : Springer, , [2021] Â©2021
ISBN	981-13-3381-5
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (VI, 113 p. 73 illus., 64 illus. in color.)
Collana	Lecture Notes in Electrical Engineering ; ; 531
Disciplina	621.366
Soggetti	Lasers Photonics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Optical Fibers and Fabrics -- Optical Microcavity: From Sensing to Lasing -- Lab on a Chip -- Metamaterials and Plasmonics -- Optical Devices -- Droplet -- Silicon Photonics -- Biophotonics -- Water Science and Industry -- Quantum Science and Technology -- Energy and Environment.
Sommario/riassunto	This book is a compilation of selected papers from the 8th International Multidisciplinary Conference on Optofluidics (IMCO 2018) held in Shanghai on August 5-8, 2018, as well as papers from the IMCO 2019 held in Hong Kong on June 14-17, 2019. The work focuses on the current development in the fields of optofluidics, microfluidics, silicon photonics, optical metamaterials and other related areas. Readers from both academia and industry will benefit from the experts' opinion and the lasted development in the multidisciplinary field of optofluidics.