

1. Record Nr.	UNINA9910810226403321
Titolo	Seeing photons : progress and limits of visible and infrared sensor arrays / / Committee on Developments in Detector Technologies, Standing Committee on Technology Insight--Gauge, Evaluate, and Review, Division on Engineering and Physical Sciences, National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2010
ISBN	0-309-16230-0 1-282-88564-2 9786612885648 0-309-15305-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (195 p.)
Disciplina	621.38928
Soggetti	Infrared technology - Research Infrared detectors - Research Photons - Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Front Matter""; ""Preface""; ""Acknowledgment of Reviewers""; ""Contents""; ""Acronyms""; ""Summary""; ""1 National Security Context of Detector Technologies""; ""2 Fundamentals of Ultraviolet, Visible, and Infrared Detectors""; ""3 Key Current Technologies and Evolutionary Developments""; ""4 Emerging Technologies with Potentially Significant Impacts""; ""5 The Global Landscape of Detector Technologies""; ""Appendices""; ""Appendix A: Biographical Sketches of Committee Members""; ""Appendix B: Meetings and Participating Organizations"" ""Appendix C: Background Information on Radiation Hardening for Detectors""