

1. Record Nr.	UNINA9910961516803321
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Titolo	Nanotechnology as a national security issue // John F. Sargent
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2009
ISBN	1-61470-336-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (71 p.)
Collana	Novinka
Disciplina	620/.50973
Soggetti	Nanotechnology - Research - Government policy - United States Technology and state - United States National security - United States
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 and index.
Nota di contenuto	Intro -- NANOTECHNOLOGY AS A NATIONAL SECURITY ISSUE -- NANOTECHNOLOGY AS A NATIONAL SECURITY ISSUE -- CONTENTS -- PREFACE -- Chapter 1 NANOTECHNOLOGY AND U.S. COMPETITIVENESS: ISSUES AND OPTIONS* -- SUMMARY -- INTRODUCTION -- CURRENT AND ANTICIPATED APPLICATIONS -- U.S. COMPETITIVENESS INDICATORS -- Research and Development Investments ²⁴ -- Public Investments -- Private Sector Investments -- Scientific Papers -- Output of Peer-Reviewed Papers -- Citations to Peer-Reviewed Papers -- Papers in "High-Impact" Journals -- Patents -- THE FEDERAL ROLE IN U.S. COMPETITIVENESS: ISSUES AND OPTIONS -- Technology Development -- Infrastructure Development -- Addressing Regulatory Concerns -- Workforce Development -- International Coordination and Cooperation -- Reassessing and Realigning Resources -- CONCLUDING OBSERVATIONS -- Chapter 2 NANOTECHNOLOGY: A POLICY PRIMER* -- SUMMARY -- OVERVIEW -- THE NATIONAL NANOTECHNOLOGY INITIATIVE -- Structure -- Funding -- SELECTED ISSUES -- U.S. Competitiveness -- Global Funding -- Scientific Papers -- Patents -- Environmental, Health, and Safety Implications -- Nanomanufacturing -- Public Attitudes and Understanding -- INDEX -- Blank Page.
Sommario/riassunto	The projected economic and societal benefits of nanotechnology have propelled global investments by nations and companies. The US

launched the first national nanotechnology initiative in 2000. In 2006, global public investment in nanotechnology was estimated to be \$6.4 billion, with an additional \$6.0 billion provided by the private sector.
