

1. Record Nr.	UNINA9910743377303321
Autore	Raj Samuel Paul
Titolo	Biodiesel from flowering plants / / Samuel Paul Raj, Pravin Raj Solomon, and Baskar Thangaraj
Pubbl/distr/stampa	Singapore : , : Springer, , [2022] ©2022
ISBN	981-16-4775-5 981-16-4774-7
Descrizione fisica	1 online resource (676 pages)
Disciplina	665.37
Soggetti	Biodiesel fuels Biodiesels Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.

2. Record Nr.	UNINA9910438122603321
Titolo	Advanced Sensors for Safety and Security / / edited by Ashok Vaseashta, Surik Khudaverdyan
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2013
ISBN	94-007-7003-0
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XII, 375 p. 172 illus., 82 illus. in color.)
Collana	NATO Science for Peace and Security Series B: Physics and Biophysics, , 1874-6535
Disciplina	363.7063
Soggetti	Environmental monitoring Security systems Microtechnology Microelectromechanical systems Pollution Environmental Monitoring Security Science and Technology Microsystems and MEMS
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Preface -- Part I. Invited and Key Lectures - Challenges and Opportunities -- Ecosystem of Innovations using Nanomaterials based CBRNE Sensors and Threat Mitigation -- New Terahertz Security Opportunities Based on Nanometric Technology -- Structured Inorganic Oxide-Based Materials for the Absorption and Destruction of CBRN Agents -- The Quirra Syndrome: Matter of Translational Medicine -- Part II. Policy, Diplomacy, Verification, Compliance, Implementation -- The Yin and Yang of Countering Biological Threats: Public Health And Security Under The International Health Regulations, Biological Weapons Convention, and The UNSCR 1540 -- Timely Detection of Outbreaks in the Public Health Surveillance System of the Republic Of Moldova -- Advanced Sciences Convergence to Analyze Impact of Nanomaterials on Environment, Health and Safety -- Conversion Disorders in Patients with Discogenic Radiculopathy -- Part III. Chemical-Biological Sensors -- Use of Metal oxide, Porous Silicon and

Carbon Nanotube Gas Sensors for Safety and Security -- Chemical Sensors Based on Nano-Hexagonal Tungsten Oxide: Synthesis and Characterization -- Noise Reduction in (Bio-) Chemical Sensors Functionalized With Carbon Nanotube Multilayers -- Polymer Nanocomposite Films as a Potential Sensor -- Carboxyhemoglobin in blood of smokers and nonsmokers determined by gas chromatography with thermal conductivity detector -- Electron Emission Standed Nanodosimetry and Gas Detection -- Part IV. Optical Sensors -- Photoelectric Properties Of Selectively Sensitive Sensors for The Detection Of Hazardous Materials -- Portable Point-Of-Care Optical Device to Detect Brain Injury -- Absorbance Control of Liquids Employing Transmission Sub-Wavelength DLC Diffraction Grating -- Detection and Monitoring Of Surface Deformations in Armenia Using INSAR Satellite -- Applications of an Effect Based on Electromagnetic Field-Matter Interactions for Investigations of Water -- Part V. Water Security and Water Contaminations Sensors.-Real-Time Monitoring Of Water Contaminants for Situation Awareness Using Electromagnetic Field Sensing System -- Development of Polymeric Cryogels as Potential Matrices for Removing Antibiotics From Wastewater -- Part VI. Radiation Sensors -- On The Concept of System to Detect Unclaimed Inclusions of Fissile And Radioactive Materials In Hand Luggage And Cargo Trucking -- New Model of Spectral Analysis of Integral Flux of Radiation -- Cyclic Amino Acid Derivatives as New Generation of Radio-protectors -- New Polymeric Materials for Medicine and Rehabilitation of Buildings and Different Surfaces Exposed To Radioactive Contamination -- Application of New Heavy Scintillation Crystals for Remote Detection of Fissile Materials -- Part VI. Synthesis/Processing.-Inorganic Nanotubes and Fullerene-Like Nanoparticles: From the Lab to Applications -- Porous Silicon by Galvanostatic Electrochemical Anodisation of Epitaxial Silicon, Polycrystalline Silicon and Silicon on Insulator Layers -- Advanced Materials for IR Sensors -- Small Carbon Molecules and Quasi-Fullerenes as Products of New Method of Hydrocarbons Pyrolysis -- Hetero-Carbon: Heteroatomic Molecules and Nanostructures of Carbon -- A Preliminary Analysis of Wind-Hydrogen System in Bulgaria -- Part VIII. Indexes.

Sommario/riassunto

This book results from a NATO Advanced Research Workshop titled “Technological Innovations in CBRNE Sensing and Detection for Safety, Security, and Sustainability” held in Yerevan, Armenia in 2012. The objective was to discuss and exchange views as to how fusion of advanced technologies can lead to improved sensors/detectors in support of defense, security, and situational awareness. The chapters range from policy and implementation, advanced sensor platforms using stand-off (THz and optical) and point-contact methods for detection of chemical, nuclear, biological, nuclear and explosive agents and contaminants in water, to synthesis methods for several materials used for sensors. In view of asymmetric, kinetic, and distributed nature of threat vectors, an emphasis is placed to examine new generation of sensors/detectors that utilize an ecosystems of innovation and advanced sciences convergence in support of effective counter-measures against CBRNE threats. The book will be of considerable interest and value to those already pursuing or considering careers in the field of nanostructured materials, and sensing/detection of CBRNE agents and water-borne contaminants. For policy implementation and compliance standpoint, the book serves as a resource of several informative contributions. In general, it serves as a valuable source of information for those interested in how nanomaterials and nanotechnologies are advancing the field of sensing and detection

using nexus of advanced technologies for scientists, technologists, policy makers, and soldiers and commanders.

3. Record Nr.	UNINA9910766898803321
Autore	Guimond Serge <1954->
Titolo	The Social and Political Psychology of Violent Radicalism / / by Serge Guimond, Armelle Nugier
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-46254-8
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (132 pages)
Collana	Peace Psychology Book Series, , 2197-5787
Disciplina	355.33041
Soggetti	Personality Difference (Psychology) Terrorism Political violence International relations Personality and Differential Psychology Terrorism and Political Violence International Relations Violència política Psicologia social Radicalisme Terrorisme Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I. Theory: Intergroup Conflicts and Political Violence -- Chapter 1. The Psychology of Religious Extremism: Motivational Aspects -- Chapter 2. Theories of Intergroup Relations: Vicious Cycle between "Us" and "Them" -- Chapter 3. Terrorism as Perceived Group Threat -- Part II. Research: Paris 2015 - Collective Response to Terrorism -- Chapter

4. The Psychological Effects of Terrorist Attacks: Experimental Evidence
-- Chapter 5. Public Opinion: Shift in Conservative or Liberal Direction?
-- Chapter 6. Predictors of Participation in Collective Action: Who Was Charlie? -- Part III. Policy Implications -- Chapter 7. Blueprint for a Long-Term Goal: Prevention of Political Violence.

Sommario/riassunto

This book provides a unique perspective on the psychology of activism, political violence and terrorism. From an up-to-date synthesis of existing theories to an analysis of original empirical evidence on when and why people support political violence, the book offers rich, relevant and timely information about human social and political behaviors in Western democratic countries. Integrating macro-societal concerns within a psychological approach, it shows how the effects of national policies on beliefs and behaviors can be studied. Thus opening the door to an understanding of processes of influence affecting millions of people, and leading to novel insights into the social and political psychology of radical group behaviors. It extends the current understanding of the role of group relative deprivation in violent radicalism, and points to the type of national integration policy to can be most helpful in the prevention of political violence. "The authors have skillfully used cutting edge theories and empirical research to present a compelling and insightful picture of violent radicalism. This book is very well organized and written so it can be used by undergraduate students, but it also has important lessons for experienced researchers and practitioners." Fathali M. Moghaddam, Professor of Psychology, Georgetown University, Washington DC, author of "Political Plasticity: The Future of Democracy and Dictatorship" "This book provides a timely comprehensive analysis of political violence, its causes and solutions. Those interested in understanding activism to radicalization and extremism will gain new insights into these forms of collective behaviour. Guimond and Nugier reveal to all, the hidden and powerful forces of group psychology." Katherine J. Reynolds, Professor of psychology, University of Melbourne and Australian National University, Australia "By comparing different populations, this book challenges stereotypes and sheds new light on the factors that lead ordinary people to commit political violence." Constantina Badea, Professor of social psychology, Université Paris Nanterre.
